

# Jean Cadet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8423589/publications.pdf>

Version: 2024-02-01

736  
papers

36,708  
citations

2544

96  
h-index

6300

158  
g-index

778  
all docs

778  
docs citations

778  
times ranked

22048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Self-Aggregation of Chlorophyll <i>a</i> Derivatives Possessing a Hydroxymethyl Group in the C20-Substituent with Ethynylene and/or Phenylene Linkers. <i>Photochemistry and Photobiology</i> , 2023, 99, 35-44.	2.5	1
2	Effect of the Fabrication Method of Chlorophyll <i>a</i> -Based Photocatalysts on Noble Metal-Free Hydrogen Evolution. <i>Energy Technology</i> , 2022, 10, 2100713.	3.8	5
3	Charged groups on pyropheophorbide-based photosensitizers dictate uptake by tumor cells and photodynamic therapy efficacy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 227, 112375.	3.8	5
4	Chlorophyll derivative intercalation into Nb <sub>2</sub> C MXene for lithium-ion energy storage. <i>Journal of Materials Science</i> , 2022, 57, 9971-9979.	3.7	10
5	Excited-state dynamics of dipyrrolyldiketone difluoroboron complexes. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1685-1691.	2.8	0
6	Substituted Methylation at the 13 <sup>2</sup> -Position of a Chlorophyll <i>a</i> Derivative via Mixed Aldol Condensation, Optical Properties of the Synthetic Bacteriochlorophyll <i>d</i> Analogs, and Self-Aggregation of Their Zinc Complexes. <i>Photochemistry and Photobiology</i> , 2022, 98, 1059-1067.	2.5	1
7	Quasi-Bilayer All-Small-Molecule Solar Cells Based on a Chlorophyll Derivative and Non-Fullerene Materials with Untraditional Energy Alignments. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4807-4814.	3.1	2
8	Incomplete Hydrogenation by Geranylgeranyl Reductase from a Proteobacterial Phototroph <i>Halorhodospira halochloris</i> , Resulting in the Production of Bacteriochlorophyll with a Tetrahydrogeranylgeranyl Tail. <i>Journal of Bacteriology</i> , 2022, 204, jb0060521.	2.2	4
9	DNA Damage. , 2022, , 1-6.		0
10	Impact of Mono- and Di- <sup>2</sup> -Galactose Moieties in in vitro / in vivo Anticancer Efficacy of Pyropheophorbide-Carbohydrate Conjugates by Photodynamic Therapy. <i>European Journal of Medicinal Chemistry Reports</i> , 2022, , 100047.	1.4	0
11	Hydroxyl radical is predominantly involved in oxidatively generated base damage to cellular DNA exposed to ionizing radiation. <i>International Journal of Radiation Biology</i> , 2022, 98, 1684-1690.	1.8	6
12	Multi-Modal Imaging to Assess the Follicular Delivery of Zinc Pyrithione. <i>Pharmaceutics</i> , 2022, 14, 1076.	4.5	6
13	Self-Assembly of a Zinc Bacteriochlorophyll <i>d</i> Analog with a Lipophilic Tertiary Amide Group in the 17-Substituent. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 1083-1085.	3.2	2
14	Degradation of Lignin by Infrared Free Electron Laser. <i>Polymers</i> , 2022, 14, 2401.	4.5	3
15	Intramolecular axial <sup>2</sup> -coordination of the 13 <sup>2</sup> -terminal pyridyl group to the central zinc atom in chlorophyll <i>a</i> derivatives. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 6339-6350.	2.8	1
16	Tumor cell-specific retention of photosensitizers determines the outcome of photodynamic therapy for head and neck cancer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 234, 112513.	3.8	5
17	The modulating effect of dermal epidermal crosstalk on the repair efficiency of cyclobutane pyrimidine dimers in keratinocytes. <i>British Journal of Dermatology</i> , 2021, 184, 9-10.	1.5	0
18	Seasonal Differences in the UVA/UVB Ratio of Natural Sunlight Influence the Efficiency of the Photoisomerization of (6 <sup>4</sup> ) Photoproducts into their Dewar Valence Isomers. <i>Photochemistry and Photobiology</i> , 2021, 97, 582-588.	2.5	3

#	ARTICLE	IF	CITATIONS
19	“Where there is a will, there is a way” Journal of Photochemistry and Photobiology A: Chemistry, 2021, 406, 112988.	3.9	1
20	Synthesis of Chl@Ti <sub>3</sub> C <sub>2</sub> composites as an anode material for lithium storage. Frontiers of Chemical Science and Engineering, 2021, 15, 709-716.	4.4	10
21	DNA repair   DNA Oxidation. , 2021, , 236-243.		0
22	Synthesis, Tumor Specificity, and Photosensitizing Efficacy of Erlotinib-Conjugated Chlorins and Bacteriochlorins: Identification of a Highly Effective Candidate for Photodynamic Therapy of Cancer. Journal of Medicinal Chemistry, 2021, 64, 741-767.	6.4	20
23	Application of mid-infrared free-electron laser for structural analysis of biological materials. Journal of Synchrotron Radiation, 2021, 28, 28-35.	2.4	5
24	Ozone-Induced DNA Damage: A Pandora’s Box of Oxidatively Modified DNA Bases. Chemical Research in Toxicology, 2021, 34, 80-90.	3.3	15
25	Chlorophyll Derivative-Sensitized TiO <sub>2</sub> Electron Transport Layer for Record Efficiency of Cs <sub>2</sub> AgBiBr <sub>6</sub> Double Perovskite Solar Cells. Journal of the American Chemical Society, 2021, 143, 2207-2211.	13.7	154
26	Chlorophyll-Based Organic Heterojunction on Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Nanosheets for Efficient Hydrogen Production. Chemistry - A European Journal, 2021, 27, 5277-5282.	3.3	25
27	Chiral Alkyl Groups at Position 3 (1 <sup>st</sup> ) of Pyropheophorbide-a Specify Uptake and Retention by Tumor Cells and Are Essential for Effective Photodynamic Therapy. Journal of Medicinal Chemistry, 2021, 64, 4787-4809.	6.4	11
28	Synthesis of Highly Fluorescent Cationic Chlorophyll-a Derivatives Possessing a p-Aminopyridinio Group at the 31-Position. Bulletin of the Chemical Society of Japan, 2021, 94, 1201-1203.	3.2	4
29	Detection of 132-carboxy-chlorin produced by the in vitro BciC enzymatic hydrolysis of zinc chlorophyllide. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127931.	2.2	2
30	Synthesis of 20-Deuterated Bacteriochlorophyll-a Homolog and Its 3 <sup>1</sup> -Epimerically Controlled Self-aggregation. Chemistry Letters, 2021, 50, 1539-1542.	1.3	2
31	Supramolecular Nanofibers Constructed by Hydrogen Bonding of Chlorophyll Dimer. Chemistry Letters, 2021, 50, 999-1001.	1.3	1
32	Editorial (2021, Issue 3). Photochemistry and Photobiology, 2021, 97, 463-463.	2.5	1
33	3 <sup>1</sup> -Substituent-dependent Self-aggregation of Bacteriochlorophyll-a Analogs in Aqueous Micelles. Chemistry Letters, 2021, 50, 1551-1554.	1.3	3
34	Photosensitization Reactions of Biomolecules: Definition, Targets and Mechanisms. Photochemistry and Photobiology, 2021, 97, 1456-1483.	2.5	76
35	Self-aggregation of Synthetic 20-O-Substituted Bacteriochlorophyll-a Analogs. Chemistry Letters, 2021, 50, 1416-1418.	1.3	3
36	Hydroquinone redox mediator enhances the photovoltaic performances of chlorophyll-based bio-inspired solar cells. Communications Chemistry, 2021, 4, .	4.5	10

#	ARTICLE	IF	CITATIONS
37	Targeted Delivery of Zinc Pyrithione to Skin Epithelia. International Journal of Molecular Sciences, 2021, 22, 9730.	4.1	15
38	Self-aggregation of synthetic zinc 3-hydroxymethyl-chlorophyll- <i>a</i> derivatives possessing electron-withdrawing groups at the 20-position in aqueous micelle solution. Journal of Porphyrins and Phthalocyanines, 2021, 25, 1104-1110.	0.8	2
39	Exciton delocalization length in chlorosomes investigated by lineshape dynamics of two-dimensional electronic spectra. Physical Chemistry Chemical Physics, 2021, 23, 24111-24117.	2.8	4
40	Charge Generation and Transfer Mechanism of Bilayer Organic Photovoltaics with Unconventional Energy Alignment. Journal of Physical Chemistry C, 2021, 125, 25680-25686.	3.1	7
41	Interstrand Crosslinking Involving Guanine: A New Major UVC Laser-Induced Biphotonic Oxidatively Generated DNA Damage. Photochemistry and Photobiology, 2021, , .	2.5	1
42	Evaluation of covalently linked (bacterio)chlorin-fullerenes as components for organic solar cells. Journal of Porphyrins and Phthalocyanines, 2020, 24, 200-210.	0.8	4
43	Sterically controlled and pH-dependent self-aggregation of synthetic zinc 3-(alkylamino)methylated chlorophyll- <i>a</i> derivatives in aqueous micellar solution. Journal of Porphyrins and Phthalocyanines, 2020, 24, 685-692.	0.8	1
44	Synthesis of chlorophyll- <i>a</i> homologs by C132-substitutions and their physico- and biochemical properties. Bioorganic Chemistry, 2020, 94, 103383.	4.1	5
45	Wavelength- and Tissue- dependent Variations in the Mutagenicity of Cyclobutane Pyrimidine Dimers in Mouse Skin. Photochemistry and Photobiology, 2020, 96, 94-104.	2.5	14
46	Thermo-Plasmonic Trapping of Living Cyanobacteria on a Gold Nanopyramidal Dimer Array: Implications for Plasmonic Biochips. ACS Applied Nano Materials, 2020, 3, 10067-10072.	5.0	10
47	In vitro C132-dealkoxycarbonylations of zinc chlorophyll <i>a</i> derivatives including C132-substitutes by a BciC enzyme. Bioorganic Chemistry, 2020, 102, 104111.	4.1	4
48	In Vitro Hydrolysis of Zinc Chlorophyllide <i>a</i> Homologues by a BciC Enzyme. Biochemistry, 2020, 59, 4622-4626.	2.5	5
49	In situ formation of photoactive B-ring reduced chlorophyll isomer in photosynthetic protein LH2. Scientific Reports, 2020, 10, 19383.	3.3	8
50	Synthesis of Fluorinated Chlorophylls <i>a</i> and Their Bio/Physico-Chemical Properties. European Journal of Organic Chemistry, 2020, 2020, 5537-5543.	2.4	8
51	Editorial. Photochemistry and Photobiology, 2020, 96, 217-217.	2.5	0
52	Charge-Transfer Mechanism in Chlorophyll Derivative-based Biosolar Cells with Hole-Transporting P3HT Revealed by Sub-Picosecond Transient Absorption Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 27900-27906.	3.1	1
53	Site-selective C20-fluorinations of chlorophyll- <i>a</i> derivatives using N-fluorobenzenesulfonimide and their optical properties. Tetrahedron, 2020, 76, 131722.	1.9	0
54	Synthesis of Cationic Pyridinium-Chlorin Conjugates with Various Counter Anions and Effects of the Anions on Their Photophysical Properties. Bulletin of the Chemical Society of Japan, 2020, 93, 467-476.	3.2	6

#	ARTICLE	IF	CITATIONS
55	Growth model of chlorosome antenna by the environment-dependent stepwise assembly of a zinc chlorophyll derivative. <i>Photosynthesis Research</i> , 2020, 145, 129-134.	2.9	2
56	Harmless Effects of Sterilizing 222-nm far-UV Radiation on Mouse Skin and Eye Tissues. <i>Photochemistry and Photobiology</i> , 2020, 96, 949-950.	2.5	35
57	Chlorophyllide a oxidoreductase Preferentially Catalyzes 8-vinyl Reduction over B-Ring Reduction of 8-vinyl Chlorophyllide a in the Late Steps of Bacteriochlorophyll Biosynthesis. <i>ChemBioChem</i> , 2020, 21, 1760-1766.	2.6	2
58	Photosensitized biphotonic chemistry of pyrimidine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2227-2232.	2.8	1
59	A Synthetic Chlorophyll Dimer Appending Fullerene: Effect of Chlorophyll Pairing on (Photo)redox Properties. <i>Chemistry - A European Journal</i> , 2020, 26, 8897-8906.	3.3	3
60	Synthesis of Sedimentary Porphyrin-like Chlorophyll- <i>a</i> Derivatives Lacking the 3-Substituent. <i>Chemistry Letters</i> , 2020, 49, 287-289.	1.3	2
61	Editorial. <i>Photochemistry and Photobiology</i> , 2020, 96, 3-3.	2.5	0
62	Chlorosome-Like Molecular Aggregation of Chlorophyll Derivative on Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Nanosheets for Efficient Noble Metal-Free Photocatalytic Hydrogen Evolution. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902080.	3.7	49
63	Photoactivated Supramolecular Assembly Using Caged Chlorophylls for the Generation of Nanotubular Self-Aggregates Having Controllable Lengths. <i>ACS Applied Nano Materials</i> , 2020, 3, 1841-1847.	5.0	12
64	Photoactive Zn-Chlorophyll Hole Transporter-Sensitized Lead-Free Cs <sub>2</sub> AgBiBr <sub>6</sub> Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000166.	5.8	58
65	Enhanced reactivity of the pyrimidine peroxy radical towards the C-H bond in duplex DNA – a theoretical study. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3536-3543.	2.8	4
66	Semisynthetic Chlorophyll Derivatives Toward Solar Energy Applications. <i>Solar Rrl</i> , 2020, 4, 2000162.	5.8	43
67	Bi-Catalyzed C13 2-Demethoxycarbonylation of Metal Pheophorbide... a Alkyl Esters. <i>ChemBioChem</i> , 2020, 21, 1473-1480.	2.6	6
68	Intramolecular interaction of synthetic chlorophyll heterodyads with different T-skeletons. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 332-340.	2.9	5
69	Disposition and measured toxicity of zinc oxide nanoparticles and zinc ions against keratinocytes in cell culture and viable human epidermis. <i>Nanotoxicology</i> , 2020, 14, 263-274.	3.0	32
70	Zinc 7,8-Dihydroxylated Chlorophyll- <i>a</i> Derivative as a Synthetic Model of Natural Bacteriochlorophyll- <i>a</i> . <i>Chemistry Letters</i> , 2020, 49, 1403-1405.	1.3	0
71	Synthesis of Cationic Pyridinium-(Bacterio)Chlorophyll Conjugates Bearing a Bacteriochlorin, Chlorin, or Porphyrin T-skeleton and their Photophysical and Electrochemical Properties. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6333-6340.	2.4	7
72	Bilayer chlorophyll derivatives as efficient hole-transporting layers for perovskite solar cells. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2357-2362.	5.9	16

#	ARTICLE	IF	CITATIONS
73	Organic Solar Cells Based on the Aggregate of Synthetic Chlorophyll Derivative with over 5% Efficiency. <i>Solar Rrl</i> , 2019, 3, 1900203.	5.8	13
74	Palladium-Catalyzed Acylation of Terminal Alkynes toward 3-Ynone-Linked Chlorophyll- <i>a</i> Derivatives and Their Optical Properties. <i>Journal of Organic Chemistry</i> , 2019, 84, 16116-16123.	3.2	2
75	Charge transfer dynamics in chlorophyll-based biosolar cells. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 22563-22568.	2.8	6
76	Supramolecular Complex of Chlorophyll- <i>a</i> Derivative with <i>N</i> -Protected Histidine through Two-point Binding. <i>Chemistry Letters</i> , 2019, 48, 982-984.	1.3	2
77	Multiparameter toxicity screening on a chip: Effects of UV radiation and titanium dioxide nanoparticles on HaCaT cells. <i>Biomicrofluidics</i> , 2019, 13, 044112.	2.4	3
78	(5 <i>R</i> )- and (5 <i>S</i> )-purine 5,8-cyclo-2'-deoxyribonucleosides: reality or artifactual measurements? A reply to Chatgililoglu's comments (this issue). <i>Free Radical Research</i> , 2019, 53, 1014-1018.	3.3	3
79	Bioinspired supramolecular nanosheets of zinc chlorophyll assemblies. <i>Scientific Reports</i> , 2019, 9, 14006.	3.3	15
80	Heterodimers of zinc and free-base chlorophyll derivatives co-assembled in biomimetic chlorosomal J-aggregates. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 555-562.	2.9	8
81	55th Anniversary Issue of Photochemistry and Photobiology. <i>Photochemistry and Photobiology</i> , 2019, 95, 6-7.	2.5	0
82	Unusual features in the photosynthetic machinery of <i>Halorhodospira halochloris</i> DSM 1059 revealed by complete genome sequencing. <i>Photosynthesis Research</i> , 2019, 140, 311-319.	2.9	12
83	Singlet Molecular Oxygen Reactions with Nucleic Acids, Lipids, and Proteins. <i>Chemical Reviews</i> , 2019, 119, 2043-2086.	47.7	404
84	Optical Characterization of Zinc Pyrithione. <i>Photochemistry and Photobiology</i> , 2019, 95, 1142-1150.	2.5	6
85	Tuberous sclerosis complex exhibits a new renal cystogenic mechanism. <i>Physiological Reports</i> , 2019, 7, e13983.	1.7	23
86	Stereoselective C3-substituent modification and substrate channeling by oxidoreductase BchC in bacteriochlorophyll <i>a</i> biosynthesis. <i>FEBS Letters</i> , 2019, 593, 799-809.	2.8	4
87	Editorial. <i>Photochemistry and Photobiology</i> , 2019, 95, 5-5.	2.5	0
88	Radiation-induced (5 <i>R</i> )- and (5 <i>S</i> )-purine 5,8-cyclo-2'-deoxyribonucleosides in human cells: a revisited analysis of HPLC-MS/MS measurements. <i>Free Radical Research</i> , 2019, 53, 574-577.	3.3	10
89	Taming chlorophylls by early eukaryotes underpinned algal interactions and the diversification of the eukaryotes on the oxygenated Earth. <i>ISME Journal</i> , 2019, 13, 1899-1910.	9.8	10
90	In vitro demethoxycarbonylation of various chlorophyll analogs by a BciC enzyme. <i>Photosynthesis Research</i> , 2019, 139, 163-171.	2.9	7

#	ARTICLE	IF	CITATIONS
91	Syntheses of Chalcone-Type Chlorophyll Derivatives Possessing a Bacteriochlorin, Chlorin or Porphyrin System and Their Optical Properties. <i>Photochemistry and Photobiology</i> , 2019, 95, 755-761.	2.5	3
92	Photo-Modification of Melanin by a Mid-Infrared Free-Electron Laser. <i>Photochemistry and Photobiology</i> , 2019, 95, 946-950.	2.5	4
93	Trilayer Chlorophyll-Based Cascade Biosolar Cells. <i>ACS Energy Letters</i> , 2019, 4, 384-389.	17.4	32
94	Understanding the importance of low-molecular weight (ethylene oxide and propylene oxide-induced) DNA adducts and mutations in risk assessment: Insights from 15 years of research and collaborative discussions. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 100-121.	2.2	19
95	Phototriggered Dynamic and Biomimetic Growth of Chlorosomal Self-Aggregates. <i>Journal of the American Chemical Society</i> , 2019, 141, 1207-1211.	13.7	27
96	Cell-Specific Retention and Action of Pheophorbide-based Photosensitizers in Human Lung Cancer Cells. <i>Photochemistry and Photobiology</i> , 2019, 95, 846-859.	2.5	10
97	Biphotonic Ionization of DNA: From Model Studies to Cell. <i>Photochemistry and Photobiology</i> , 2019, 95, 59-72.	2.5	22
98	Ultrafast excited state dynamics of nonfluorescent cyclophorbide-a enol, a catabolite of chlorophyll-a detoxified in algae-feeding aquatic microbes. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 64-70.	2.9	5
99	DNA Damage. , 2019, , 1-6.		0
100	<i>In vitro</i> and <i>In vivo</i> Synthesis of Bacteriochlorophyll Absorbing Near-Infrared Light. <i>Series on Chemistry, Energy and the Environment</i> , 2019, , 1-17.	0.3	1
101	Quantitative analysis of UV photolesions suggests that cyclobutane pyrimidine dimers produced in mouse skin by UVB are more mutagenic than those produced by UVC. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 404-413.	2.9	20
102	Self-Assemblies of Zinc Bacteriochlorophyll Analogues Having Amide, Ester, and Urea Groups as Substituents at 17-Position and Observation of Lamellar Supramolecular Nanostructures. <i>ChemPhysChem</i> , 2018, 19, 913-920.	2.1	13
103	Synthesis of chlorophyll-a derivatives possessing the 3-(2-acylethenyl) group by cross-aldol condensation and their optical properties. <i>Tetrahedron</i> , 2018, 74, 2703-2715.	1.9	10
104	Formation of UV-induced DNA damage contributing to skin cancer development. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1816-1841.	2.9	276
105	Cyclic Triad of Chlorophyll-a Derivative and Its Folded Conformer. <i>Chemistry Letters</i> , 2018, 47, 326-328.	1.3	2
106	Editorial (2018, Issue 1). <i>Photochemistry and Photobiology</i> , 2018, 94, 3-3.	2.5	0
107	Synthesis and Self-Aggregation of Expanded Chlorophyll Derivatives to Construct Light-Harvesting Antenna Models. <i>Journal of Organic Chemistry</i> , 2018, 83, 4355-4364.	3.2	14
108	Semi-synthesis and HPLC analysis of (bacterio)chlorophyllides possessing a propionic acid residue at the C17-position. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 423-436.	0.8	14

#	ARTICLE	IF	CITATIONS
109	In vivo and in vitro preparation of divinyl-132,173-cyclophosphoride-a enol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1090-1092.	2.2	5
110	In vitro enzymatic assays of photosynthetic bacterial 3-vinyl hydratases for bacteriochlorophyll biosyntheses. <i>Photosynthesis Research</i> , 2018, 135, 319-328.	2.9	9
111	Effects of Cyclic Tetrapyrrole Rings of Aggregate-Forming Chlorophyll Derivatives as Hole-Transporting Materials on Performance of Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 9-16.	5.1	27
112	In vivo Energy Transfer from Bacteriochlorophyll <i>a</i> , <i>b</i> , <i>c</i> , <i>d</i> , <i>e</i> , or <i>f</i> to Bacteriochlorophyll <i>a</i> in Wild Type and Mutant Cells of the Green Sulfur Bacterium <i>Chlorobaculum limnaeum</i> . <i>ChemPhotoChem</i> , 2018, 2, 190-195.	3.0	23
113	Composition-dependent sol-gel transition of amphiphilic blend of PEG with hydrophobic gallamide components. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45402.	2.6	1
114	Self-aggregation of synthetic zinc methyl 20-substituted 3-hydroxymethyl-pyropheophorbides as models of bacteriochlorophyll- <i>c</i> . <i>Photosynthesis Research</i> , 2018, 135, 309-317.	2.9	5
115	Carcinogenesis: Role of Reactive Oxygen and Nitrogen Species. , 2018, , 296-296.		0
116	Regioisomeric synthesis of chlorin- <i>e6</i> dimethyl esters and their optical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 1039-1046.	0.8	2
117	The Primary Formation of a Cationic C10-Pyridinio-Chlorophyll <i>a</i> Derivative by Chemical/Electrochemical Oxidation and the Physico-Chemical Properties of Regioisomeric <i>meso</i> -Adducts. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1724-1730.	3.2	3
118	Bilayer Chlorophyll-Based Biosolar Cells Inspired from the Z-Scheme Process of Oxygenic Photosynthesis. <i>ACS Energy Letters</i> , 2018, 3, 1708-1712.	17.4	46
119	Chemexcitation and Its Implications for Disease. <i>Trends in Molecular Medicine</i> , 2018, 24, 527-541.	6.7	21
120	Editorial. <i>Photochemistry and Photobiology</i> , 2018, 94, 623-623.	2.5	0
121	Dyad Sensitizer of Chlorophyll with Indoline Dye for Panchromatic Photocatalytic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , 2018, 1, 2813-2820.	5.1	51
122	Biosynthesis of unnatural glycolipids possessing diyne moiety in the acyl chain in the green sulfur photosynthetic bacterium <i>Chlorobaculum tepidum</i> grown by supplementation of 10,12-heptadecadiynic acid. <i>Biochemistry and Biophysics Reports</i> , 2017, 9, 42-46.	1.3	2
123	Formation and repair of oxidatively generated damage in cellular DNA. <i>Free Radical Biology and Medicine</i> , 2017, 107, 13-34.	2.9	240
124	Type I and Type II Photosensitized Oxidation Reactions: Guidelines and Mechanistic Pathways. <i>Photochemistry and Photobiology</i> , 2017, 93, 912-919.	2.5	552
125	Coordination-Driven Dimerization of Zinc Chlorophyll Derivatives Possessing a Dialkylamino Group. <i>Chemistry - an Asian Journal</i> , 2017, 12, 759-767.	3.3	19
126	Supramolecular Organogelation of Bacteriochlorophyll <i>c</i> Possessing an Isobutyl Substituent at the 8-Position in Carbon Tetrachloride. <i>ChemPlusChem</i> , 2017, 82, 595-597.	2.8	2



#	ARTICLE	IF	CITATIONS
127	Editorial (2017, issue 3). Photochemistry and Photobiology, 2017, 93, 639-639.	2.5	0
128	Dendrimer pre-treatment enhances the skin permeation of chlorhexidine digluconate: Characterisation by in vitro percutaneous absorption studies and Time-of-Flight Secondary Ion Mass Spectrometry. European Journal of Pharmaceutical Sciences, 2017, 104, 90-101.	4.0	18
129	Introduction. Photochemistry and Photobiology, 2017, 93, 5-6.	2.5	1
130	Editorial. Photochemistry and Photobiology, 2017, 93, 3-3.	2.5	1
131	Oxidative DNA damage & repair: An introduction. Free Radical Biology and Medicine, 2017, 107, 2-12.	2.9	218
132	Stress-induced dynamic regulation of mitochondrial STAT3 and its association with cyclophilin D reduce mitochondrial ROS production. Science Signaling, 2017, 10, .	3.6	87
133	Biochemical characterization of rhamnosyltransferase involved in biosynthesis of pectic rhamnogalacturonan I in plant cell wall. Biochemical and Biophysical Research Communications, 2017, 486, 130-136.	2.1	13
134	Chromatin associated mechanisms in base excision repair - nucleosome remodeling and DNA transcription, two key players. Free Radical Biology and Medicine, 2017, 107, 159-169.	2.9	24
135	Insight in <sc>DNA</sc> Repair of <sc>UV</sc>-induced Pyrimidine Dimers by Chromatographic Methods. Photochemistry and Photobiology, 2017, 93, 207-215.	2.5	25
136	Preparation of regio- and stereoisomeric di- and tetrahydrogeranylgeraniols and identification of esterifying groups in natural (bacterio)chlorophylls. Bioorganic and Medicinal Chemistry, 2017, 25, 6361-6370.	3.0	5
137	Solar Water Splitting Utilizing a SiC Photocathode, a BiVO <sub>4</sub> Photoanode, and a Perovskite Solar Cell. ChemSusChem, 2017, 10, 4420-4423.	6.8	24
138	Chlorophyll-Based Organic-Inorganic Heterojunction Solar Cells. Chemistry - A European Journal, 2017, 23, 10886-10892.	3.3	17
139	Molecular Structures and Functions of Chlorophylls- <i>a</i> Esterified with Geranylgeranyl, Dihydrogeranylgeranyl, and Tetrahydrogeranylgeranyl Groups at the 17-Propionate Residue in a Diatom, <i>Chaetoceros calcitrans</i> . Biochemistry, 2017, 56, 3682-3688.	2.5	11
140	Synthesis of chlorophyll- <i>a</i> derivatives possessing various amides as potential sensitizers for photovoltaic cells. Journal of Porphyrins and Phthalocyanines, 2017, 21, 692-699.	0.8	5
141	The Oxygen Paradox, the French Paradox, and age-related diseases. GeroScience, 2017, 39, 499-550.	4.6	59
142	Effets des radiations ionisantes sur les acides nucléiques: des composés modèles à la cellule.. Histoire De La Recherche Contemporaine, 2017, , 71-80.	0.1	1
143	Stereoselective Self-Aggregation of <sup>3</sup> Epimerically Pure Amino Analogs of Zinc Bacteriochlorophyll- <i>d</i> in an Aqueous Micelle Solution. Photochemistry and Photobiology, 2016, 92, 276-285.	2.5	7
144	Enhancement of Light Absorption Ability of Synthetic Chlorophyll Derivatives by Conjugation with a Difluoroboron Diketonate Group. Chemistry - A European Journal, 2016, 22, 9996-10001.	3.3	7

#	ARTICLE	IF	CITATIONS
145	Application of mid-infrared free-electron laser tuned to amide bands for dissociation of aggregate structure of protein. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 152-157.	2.4	17
146	Synthesis of methyl pyropheophorbide-d derivatives possessing the 3-acyl groups and their electronic absorption spectra. <i>Tetrahedron</i> , 2016, 72, 3477-3489.	1.9	8
147	In vitro stereospecific hydration activities of the 3-vinyl group of chlorophyll derivatives by BchF and BchV enzymes involved in bacteriochlorophyll c biosynthesis of green sulfur bacteria. <i>Photosynthesis Research</i> , 2016, 130, 33-45.	2.9	13
148	Radiation-induced damage to cellular DNA: Chemical nature and mechanisms of lesion formation. <i>Radiation Physics and Chemistry</i> , 2016, 128, 54-59.	2.8	14
149	Nanotubes of Biomimetic Supramolecules Constructed by Synthetic Metal Chlorophyll Derivatives. <i>Nano Letters</i> , 2016, 16, 3650-3654.	9.1	50
150	Editorial. <i>Photochemistry and Photobiology</i> , 2016, 92, 511-511.	2.5	0
151	Dopant-Free Zinc Chlorophyll Aggregates as an Efficient Biocompatible Hole Transporter for Perovskite Solar Cells. <i>ChemSusChem</i> , 2016, 9, 2862-2869.	6.8	58
152	Varying the morphology of silver nanoparticles results in differential toxicity against micro-organisms, HaCaT keratinocytes and affects skin deposition. <i>Nanotoxicology</i> , 2016, 10, 1503-1514.	3.0	41
153	Reduction Processes in Biosynthesis of Chlorophyll Molecules: Chemical Implication of Enzymatically Regio- and Stereoselective Hydrogenations in the Late Stages of Their Biosynthetic Pathway. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 161-173.	3.2	38
154	Molecular hydrogen attenuates radiation-induced nucleobase damage to DNA in aerated aqueous solutions. <i>International Journal of Radiation Biology</i> , 2016, 92, 536-541.	1.8	4
155	Glycolipid analyses of light-harvesting chlorosomes from envelope protein mutants of <i>Chlorobaculum tepidum</i> . <i>Photosynthesis Research</i> , 2016, 128, 235-241.	2.9	11
156	Synthesis of chlorophyll- a derivatives methylated in the 3-vinyl group and their intrinsic site energy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3034-3037.	2.2	15
157	Singlet molecular oxygen: D'Asseldorf - São Paulo, the Brazilian connection. <i>Archives of Biochemistry and Biophysics</i> , 2016, 595, 161-175.	3.0	17
158	<i>In Vitro</i> Assays of BciC Showing C13 <sup>2</sup> -Demethoxycarbonylase Activity Requisite for Biosynthesis of Chlorosomal Chlorophyll Pigments. <i>Plant and Cell Physiology</i> , 2016, 57, 1048-1057.	3.1	20
159	Synthesis of chlorophyll-c derivatives by modifying natural chlorophyll-a. <i>Photosynthesis Research</i> , 2016, 127, 335-345.	2.9	9
160	Chapter 20. Reactions of Singlet Oxygen with Nucleic Acids. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2016, , 393-407.	0.3	4
161	Stereochemical conversion of C <sub>3</sub> -vinyl group to 1-hydroxyethyl group in bacteriochlorophyll <i>a</i> by the hydratases BchF and BchV: adaptation of green sulfur bacteria to limited-light environments. <i>Molecular Microbiology</i> , 2015, 98, 1184-1198.	2.5	24
162	Oxidatively Generated Damage to Cellular DNA by UVB and UVA-Radiation. <i>Photochemistry and Photobiology</i> , 2015, 91, 140-155.	2.5	249

#	ARTICLE	IF	CITATIONS
163	Photophysical Properties of Chlorophyll Derivatives Linked with Rhenium Bipyridine Complexes. Bulletin of the Chemical Society of Japan, 2015, 88, 346-351.	3.2	8
164	Complete Genome Sequence of the Bacteriochlorophyll <i>b</i> -Producing Photosynthetic Bacterium <i>Blastochloris viridis</i> . Genome Announcements, 2015, 3, .	0.8	10
165	<i>In Vitro</i> Enzymatic Activities of Bacteriochlorophyll <i>a</i> Synthase Derived from the Green Sulfur Photosynthetic Bacterium <i>Chlorobaculum tepidum</i> . Biochemistry, 2015, 54, 4998-5005.	2.5	15
166	The 17-propionate esterifying variants of bacteriochlorophyll- <i>a</i> and bacteriopheophytin- <i>a</i> in purple photosynthetic bacteria. Journal of Photochemistry and Photobiology B: Biology, 2015, 142, 244-249.	3.8	16
167	Synthesis and physical properties of carbonylated chlorophyll derivatives. Tetrahedron, 2015, 71, 1915-1923.	1.9	24
168	The SPORES experiment of the EXPOSE-R mission: <i>Bacillus subtilis</i> spores in artificial meteorites. International Journal of Astrobiology, 2015, 14, 105-114.	1.6	29
169	<i>Rhodobacter sphaeroides</i> mutants overexpressing chlorophyllide <i>a</i> oxidoreductase of <i>Blastochloris viridis</i> elucidate functions of enzymes in late bacteriochlorophyll biosynthetic pathways. Scientific Reports, 2015, 5, 9741.	3.3	16
170	<i>In vitro</i> self-assembly of bacteriochlorophyll <i>c</i> derivatives monoesterified with $\beta$ -diols isolated from the green sulfur photosynthetic bacterium <i>Chlorobaculum tepidum</i> . Supramolecular Chemistry, 2015, 27, 28-36.	1.2	4
171	Synthesis of carboxylated chlorophylls and their application as functional materials. Journal of Porphyrins and Phthalocyanines, 2015, 19, 517-526.	0.8	25
172	Effect of chirality on cellular uptake, imaging and photodynamic therapy of photosensitizers derived from chlorophyll- <i>a</i> . Bioorganic and Medicinal Chemistry, 2015, 23, 3603-3617.	3.0	23
173	Excitonic Relaxation and Coherent Vibrational Dynamics in Zinc Chlorin Aggregates for Artificial Photosynthetic Systems. Journal of Physical Chemistry B, 2015, 119, 12265-12273.	2.6	16
174	Synthesis and optical properties of chlorin monomer, dimer and trimer on an amino nitrogen atom. Bioorganic and Medicinal Chemistry, 2015, 23, 5972-5978.	3.0	7
175	Synthesis of methyl (132 <i>R/S</i> )-alkyl-pyropheophorbide <i>a</i> and a non-epimerized chlorophyll <i>a</i> mimic. Bioorganic and Medicinal Chemistry, 2015, 23, 6612-6621.	3.0	11
176	DNA Damage. , 2015, , 667-672.		0
177	Self- $\pi$ -aggregation of Synthetic Zinc Chlorophyll Derivatives Possessing 3-Hydroxy or Methoxy Group and 13-Mono- or Dicyanomethylene Moiety in Nonpolar Organic Solvents as Models of Chlorosomal Bacteriochlorophyll <i>a</i> Aggregates. Photochemistry and Photobiology, 2014, 90, 1277-1286.	2.5	9
178	Hydroxyl-radical-induced oxidation of 5-methylcytosine in isolated and cellular DNA. Nucleic Acids Research, 2014, 42, 7450-7460.	14.5	111
179	One-electron oxidation reactions of purine and pyrimidine bases in cellular DNA. International Journal of Radiation Biology, 2014, 90, 423-432.	1.8	121
180	Introduction to Clemens von Sonntag Memorial Issue. International Journal of Radiation Biology, 2014, 90, 415-415.	1.8	0

#	ARTICLE	IF	CITATIONS
181	Asymmetry of chlorophylls in photosynthetic proteins: from the viewpoint of coordination chemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 919-932.	0.8	29
182	Editorial. <i>Photochemistry and Photobiology</i> , 2014, 90, 253-253.	2.5	0
183	Solar UV Radiation-Induced DNA Bipyrimidine Photoproducts: Formation and Mechanistic Insights. <i>Topics in Current Chemistry</i> , 2014, 356, 249-275.	4.0	93
184	Oxidative degradation pathways of cellular DNA: product formation and mechanistic insights. <i>Free Radical Biology and Medicine</i> , 2014, 75, S2.	2.9	10
185	Characterization of the Chemical Reactivity and Selectivity of DNA Bases Through the Use of DFT-Based Descriptors. <i>Topics in Heterocyclic Chemistry</i> , 2014, , 35-70.	0.2	3
186	Empirical Likelihood Approaches to Two-Group Comparisons of Upper Quantiles Applied to Biomedical Data. <i>Statistics in Biopharmaceutical Research</i> , 2014, 6, 30-40.	0.8	3
187	TET enzymatic oxidation of 5-methylcytosine, 5-hydroxymethylcytosine and 5-formylcytosine. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 764-765, 18-35.	1.7	45
188	Synthesis of amino-analogs of bacteriochlorophyll-d and their self-aggregation in an aqueous micelle solution. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1668-1671.	2.2	12
189	Synthesis of chlorophyllâ€‘amino acid conjugates as models for modification of proteins with chromo/fluorophores. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1421-1428.	3.0	10
190	Synthesis of Zinc Chlorophyll Homo/Heteroâ€‘Dyads and their Folded Conformers with Porphyrin, Chlorin, and Bacteriochlorin Systems. <i>Photochemistry and Photobiology</i> , 2014, 90, 121-128.	2.5	21
191	Oxidatively generated base damage to cellular DNA by hydroxyl radical and one-electron oxidants: Similarities and differences. <i>Archives of Biochemistry and Biophysics</i> , 2014, 557, 47-54.	3.0	130
192	Self-assembly of zinc chlorophyll derivatives possessing a pyrenyl group at the 17-propionate residue and effects of additional $\beta$ -cyclodextrins on their optical properties. <i>Supramolecular Chemistry</i> , 2014, 26, 753-760.	1.2	1
193	Mechanistic Aspects of Hydration of Guanine Radical Cations in DNA. <i>Journal of the American Chemical Society</i> , 2014, 136, 5956-5962.	13.7	83
194	Effects of (5â€‘S)-5â€‘,8-cyclo-2â€‘-deoxyadenosine on the base excision repair of oxidatively generated clustered DNA damage. A biochemical and theoretical study. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8671-8682.	2.8	14
195	Ethylene oxide and propylene oxide derived N7-alkylguanine adducts are bypassed accurately in vivo. <i>DNA Repair</i> , 2014, 22, 133-136.	2.8	16
196	Coherent Oscillations in Chlorosome Elucidated by Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1386-1392.	4.6	23
197	An organizational approach for the assessment of DNA adduct data in risk assessment: case studies for aflatoxin B <sub>1</sub> , tamoxifen and vinyl chloride. <i>Critical Reviews in Toxicology</i> , 2014, 44, 348-391.	3.9	26
198	Synthesis of chlorophyll-f analogs possessing the 2-formyl group by modifying chlorophyll-a. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3997-4000.	2.2	10

#	ARTICLE	IF	CITATIONS
199	Deamination features of 5-hydroxymethylcytosine, a radical and enzymatic DNA oxidation product. <i>Journal of Molecular Modeling</i> , 2014, 20, 2290.	1.8	3
200	Mid-infrared free-electron laser tuned to the amide I band for converting insoluble amyloid-like protein fibrils into the soluble monomeric form. <i>Lasers in Medical Science</i> , 2014, 29, 1701-1707.	2.1	32
201	First characterisation of a CPD-class I photolyase from a UV-resistant extremophile isolated from High-Altitude Andean Lakes. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 739-751.	2.9	32
202	Biosynthesis of bacteriochlorophyll c derivatives possessing chlorine and bromine atoms at the terminus of esterifying chains in the green sulfur bacterium <i>Chlorobaculum tepidum</i> . <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 82-87.	2.2	11
203	Unusually Large Deuterium Discrimination during Spore Photoproduct Formation. <i>Journal of Organic Chemistry</i> , 2014, 79, 4843-4851.	3.2	6
204	Regioselective addition of amines to the trifluoromethyl- $\beta^2$ -diketonate moiety of a chlorophyll derivative. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 471-474.	0.8	2
205	Self-aggregation of Synthetic Zinc Hydroxylated Chlorophyll Derivatives inside Aqueous Micelles: Neighboring Effect of Additional $\text{O}$ -Functional Groups. <i>Chemistry Letters</i> , 2014, 43, 249-251.	1.3	9
206	Photochemical Reduction of CO <sub>2</sub> with Red Light Using Synthetic Chlorophyll-Rhenium Bipyridine Dyad. <i>Chemistry Letters</i> , 2014, 43, 1383-1385.	1.3	25
207	Transformation of Natural Chlorophyll- <i>a</i> into Chlorophyll- <i>c</i> Analogs Possessing the 17-Acrylate Residue. <i>Chemistry Letters</i> , 2014, 43, 1864-1866.	1.3	4
208	Risk Management by Organisms of the Phototoxicity of Chlorophylls. <i>Chemistry Letters</i> , 2014, 43, 148-156.	1.3	21
209	Editorial (2014, issue 6). <i>Photochemistry and Photobiology</i> , 2014, 90, 1215-1215.	2.5	0
210	Excited singlet molecular O <sub>2</sub> ( $^1\text{O}_2$ ) is generated enzymatically from excited carbonyls in the dark. <i>Scientific Reports</i> , 2014, 4, 5938.	3.3	52
211	Dark-operative protochlorophyllide oxidoreductase generates substrate radicals by an iron-sulphur cluster in bacteriochlorophyll biosynthesis. <i>Scientific Reports</i> , 2014, 4, 5455.	3.3	27
212	Photo-Induced DNA Damage. , 2014, , 3561-3566.		0
213	DNA Damage. , 2014, , 1-7.		0
214	Photo-Induced DNA Damage. , 2014, , 1-6.		0
215	Professor Clemens von Sonntag (1936 – 2013). <i>International Journal of Radiation Biology</i> , 2013, 89, 590-592.	1.8	2
216	UV-induced formation of the thymine-thymine pyrimidine (6-4) pyrimidone photoproduct – a DFT study of the oxetane intermediate ring opening. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1509-1516.	2.9	13

#	ARTICLE	IF	CITATIONS
217	Metallation of a cyclic chlorophyll hetero-dyad, and the optical properties of synthetic metallo-dyads. <i>Research on Chemical Intermediates</i> , 2013, 39, 221-232.	2.7	4
218	Photoreduction of zinc 8-vinylated chlorophyll derivative to bacteriochlorophyll-b/g analog possessing an 8-ethylidene group. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2377-2379.	2.2	7
219	DNA Base Damage by Reactive Oxygen Species, Oxidizing Agents, and UV Radiation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a012559-a012559.	5.5	638
220	Editorial. <i>Photochemistry and Photobiology</i> , 2013, 89, 1-1.	2.5	0
221	Generation of Guanine-Thymine Cross-Links in Human Cells by One-Electron Oxidation Mechanisms. <i>Chemical Research in Toxicology</i> , 2013, 26, 1031-1033.	3.3	39
222	Editorial. <i>Photochemistry and Photobiology</i> , 2013, 89, 1269-1269.	2.5	1
223	Editorial. <i>Photochemistry and Photobiology</i> , 2013, 89, 763-763.	2.5	0
224	Demetalation kinetics of the zinc chlorophyll derivative possessing two formyl groups: effects of formyl groups conjugated to the chlorin macrocycle on physicochemical properties of photosynthetic pigments. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 1120-1128.	0.8	3
225	Photodynamic Therapy with 3-(1-Hexyloxyethyl) Porphyrin for Cancer of the Oral Cavity. <i>Clinical Cancer Research</i> , 2013, 19, 6605-6613.	7.0	70
226	Ene-thiol reaction of C <sub>3</sub> -vinylated chlorophyll derivatives in the presence of oxygen: synthesis of C <sub>3</sub> -formyl-chlorins under mild conditions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 1188-1195.	0.8	6
227	Synthesis of Chlorophyll Derivatives Directly Connecting Amino-derived Functional Groups at the C3-Position. <i>Chemistry Letters</i> , 2013, 42, 1212-1213.	1.3	6
228	Orthogonal Polymer Recognition Based on Semiartificial Helical Polysaccharide. <i>Chemistry Letters</i> , 2013, 42, 266-268.	1.3	1
229	Comparison of the mechanism of deamination of 5,6-dihydro-5-methylcytosine with other cytosine derivatives. <i>Highlights in Theoretical Chemistry</i> , 2013, , 307-317.	0.0	0
230	Measurement of oxidatively generated base damage to nucleic acids in cells: facts and artifacts. , 2013, , 269-288.		0
231	It's All about Position: The Basal Layer of Human Epidermis Is Particularly Susceptible to Different Types of Sunlight-Induced DNA Damage. <i>Journal of Investigative Dermatology</i> , 2012, 132, 265-267.	0.7	25
232	Melanoma induction by ultraviolet A but not ultraviolet B radiation requires melanin pigment. <i>Nature Communications</i> , 2012, 3, 884.	12.8	249
233	Oxidatively Generated DNA Lesions as Potential Biomarkers of In Vivo Oxidative Stress. <i>Current Molecular Medicine</i> , 2012, 12, 655-671.	1.3	44
234	Self-Assembly of Zinc Bacteriochlorophyll Derivative Possessing a Triethoxysilyl Group at the 17-Propionate Residue. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 989-994.	3.2	7

#	ARTICLE	IF	CITATIONS
235	Microflow-driven Temporal Self-assembly of Amphiphilic Molecules. <i>Chemistry Letters</i> , 2012, 41, 1689-1691.	1.3	7
236	Photoreduced Deformylation of Zinc Chlorophyll- <i>d</i> Derivative. <i>Chemistry Letters</i> , 2012, 41, 820-821.	1.3	6
237	Photoinduced Damage to Cellular DNA: Direct and Photosensitized Reactions. <i>Photochemistry and Photobiology</i> , 2012, 88, 1048-1065.	2.5	247
238	Measurement of oxidatively generated base damage to nucleic acids in cells: facts and artifacts. <i>Bioanalytical Reviews</i> , 2012, 4, 55-74.	0.2	32
239	Photooxidative cleavage of zinc 20-substituted chlorophyll derivatives: conformationally P-helix-favored formation of regioselectively 19 <sup>20</sup> opened linear tetrapyrroles. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 898-907.	2.9	7
240	Profiling Cytosine Oxidation in DNA by LC-MS/MS. <i>Chemical Research in Toxicology</i> , 2012, 25, 1902-1911.	3.3	44
241	Benzophenone Photosensitized DNA Damage. <i>Accounts of Chemical Research</i> , 2012, 45, 1558-1570.	15.6	196
242	Biologically relevant oxidants and terminology, classification and nomenclature of oxidatively generated damage to nucleobases and 2-deoxyribose in nucleic acids. <i>Free Radical Research</i> , 2012, 46, 367-381.	3.3	114
243	Oxidatively generated complex DNA damage: Tandem and clustered lesions. <i>Cancer Letters</i> , 2012, 327, 5-15.	7.2	192
244	Resistance of Bacterial Endospores to Outer Space for Planetary Protection Purposes—Experiment PROTECT of the EXPOSE-E Mission. <i>Astrobiology</i> , 2012, 12, 445-456.	3.0	124
245	Development of Solar Cells Based on Synthetic Near-Infrared Absorbing Purpurins 2: Use of Fullerene and Its Derivative As Electron Acceptors for Favorable Charge Separation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 21244-21254.	3.1	18
246	Modification of 3-Substituents in (Bacterio)Chlorophyll Derivatives to Prepare 3-Ethylated, Methylated, and Unsubstituted (Nickel) Porphyrins and Their Optical Properties. <i>Journal of Organic Chemistry</i> , 2012, 77, 4751-4758.	3.2	58
247	Transcriptomic Responses of Germinating <i>Bacillus subtilis</i> Spores Exposed to 1.5 Years of Space and Simulated Martian Conditions on the EXPOSE-E Experiment PROTECT. <i>Astrobiology</i> , 2012, 12, 469-486.	3.0	54
248	Survival of Spores of the UV-Resistant <i>Bacillus subtilis</i> Strain MW01 After Exposure to Low-Earth Orbit and Simulated Martian Conditions: Data from the Space Experiment ADAPT on EXPOSE-E. <i>Astrobiology</i> , 2012, 12, 498-507.	3.0	66
249	Extremophilic <i>Acinetobacter</i> Strains from High-Altitude Lakes in Argentinean Puna: Remarkable UV-B Resistance and Efficient DNA Damage Repair. <i>Origins of Life and Evolution of Biospheres</i> , 2012, 42, 201-221.	1.9	62
250	Comparison of the mechanism of deamination of 5,6-dihydro-5-methylcytosine with other cytosine derivatives. <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	1.4	5
251	Editorial. <i>Photochemistry and Photobiology</i> , 2012, 88, 1-1.	2.5	0
252	Editorial. <i>Photochemistry and Photobiology</i> , 2012, 88, 495-495.	2.5	0

#	ARTICLE	IF	CITATIONS
253	Synthesis of oligomethylene-strapped chlorophyll derivatives and optical properties of their stereoisomers in a solution. <i>Photosynthesis Research</i> , 2012, 111, 1-8.	2.9	10
254	51 Photochemistry of Chlorophylls and Their Synthetic Analogs. <i>Handbook of Porphyrin Science</i> , 2011, , 223-290.	0.8	85
255	In Vitro Cellular Uptake and Dimerization of Signal Transducer and Activator of Transcription-3 (STAT3) Identify the Photosensitizing and Imaging-Potential of Isomeric Photosensitizers Derived from Chlorophyll- <i>a</i> and Bacteriochlorophyll- <i>a</i> . <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6859-6873.	6.4	28
256	Assessment of the Photoprotection Properties of Sunscreens by Chromatographic Measurement of DNA Damage in Skin Explants. <i>Photochemistry and Photobiology</i> , 2011, 87, 109-116.	2.5	39
257	Editorial. <i>Photochemistry and Photobiology</i> , 2011, 87, 1-1.	2.5	5
258	Editorial. <i>Photochemistry and Photobiology</i> , 2011, 87, 945-945.	2.5	0
259	Cell-type Selective Phototoxicity Achieved with Chlorophyll- <i>a</i> Derived Photosensitizers in a Co-culture System of Primary Human Tumor and Normal Lung Cells. <i>Photochemistry and Photobiology</i> , 2011, 87, 1405-1418.	2.5	28
260	Editorial. <i>Photochemistry and Photobiology</i> , 2011, 87, 1189-1189.	2.5	0
261	Measurement of oxidatively generated base damage in cellular DNA. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 711, 3-12.	1.0	113
262	Development of Solar Cells Based on Synthetic Near-Infrared Absorbing Purpurins: Observation of Multiple Electron Injection Pathways at Cyclic Tetrapyrrole-Semiconductor Interface. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24394-24402.	3.1	41
263	Study of Interactions Between Eu(thenoyltrifluoroacetate) <sub>3</sub> and a Photosynthetic Chlorophyllous Pigment. <i>Journal of Solution Chemistry</i> , 2011, 40, 320-326.	1.2	2
264	In vitro synthesis and characterization of bacteriochlorophyll- <i>f</i> and its absence in bacteriochlorophyll- <i>e</i> producing organisms. <i>Photosynthesis Research</i> , 2011, 107, 133-138.	2.9	20
265	Reduction of vinyl groups in naturally occurring chlorophylls- <i>a</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 52-57.	3.0	23
266	Oxidatively Generated Damage to DNA by UVA Radiation in Cells and Human Skin. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1005-1007.	0.7	86
267	Oxidatively Generated Damage to DNA and Biomarkers. , 2011, , 579-604.		0
268	DNA Damage. , 2011, , 447-451.		0
269	Signal Transducer and Activator of Transcription 3 Promotes Leukemogenesis. <i>Blood</i> , 2011, 118, 1395-1395.	1.4	10
270	Genomic bipyrimidine nucleotide frequency and microbial reactions to germicidal UV radiation. <i>Archives of Microbiology</i> , 2010, 192, 521-529.	2.2	23



#	ARTICLE	IF	CITATIONS
271	Measurement of oxidatively generated base damage in cellular DNA and urine. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1457-1459.	2.9	38
272	Oxidatively generated base damage to cellular DNA. <i>Free Radical Biology and Medicine</i> , 2010, 49, 9-21.	2.9	448
273	Aberrant repair of etheno-DNA adducts in leukocytes and colon tissue of colon cancer patients. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1064-1071.	2.9	30
274	UV photoreactions of the extremely haloalkaliphilic euryarchaeon <i>Natronomonas pharaonis</i> . <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	2.7	11
275	Synthesis of <i>meso</i> -tetraarylporphyrins possessing amino and carboxy groups and their peptides. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 375-388.	0.8	1
276	Alkyltransferase-like protein (eATL) prevents mismatch repair-mediated toxicity induced by O <sup>6</sup> -alkylguanine adducts in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18050-18055.	7.1	19
277	Oxidation Reactions of Cytosine DNA Components by Hydroxyl Radical and One-Electron Oxidants in Aerated Aqueous Solutions. <i>Accounts of Chemical Research</i> , 2010, 43, 564-571.	15.6	151
278	Cyclic tetrapyrrole based molecules for dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2010, 3, 94-106.	30.8	153
279	Hydrolytic Deamination of 5,6-Dihydrocytosine in a Protic Medium: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2010, 114, 1826-1834.	2.5	24
280	Recommendations for Standardized Description of and Nomenclature Concerning Oxidatively Damaged Nucleobases in DNA. <i>Chemical Research in Toxicology</i> , 2010, 23, 705-707.	3.3	57
281	Cooperative C3- and C13-Substituent Effects on Synthetic Chlorophyll Derivatives. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5287-5291.	2.4	30
282	Radiation-induced formation of purine 5 <sup>2</sup> ,8-cyclonucleosides in isolated and cellular DNA: high stereospecificity and modulating effect of oxygen. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3211.	2.8	91
283	Synthesis of oligo-DNA containing hydrophilic porphyrin in the main chain, and its energy transfer behaviour in duplex state. <i>Supramolecular Chemistry</i> , 2009, 21, 301-309.	1.2	7
284	The alkyltransferase-like ybaZ gene product enhances nucleotide excision repair of O <sup>6</sup> -alkylguanine adducts in <i>E. coli</i> . <i>DNA Repair</i> , 2009, 8, 697-703.	2.8	47
285	Metallothionein expression in HaCaT and C6 cell lines exposed to cadmium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 314-323.	3.0	16
286	Efficient Dye-Sensitized Solar Cell Based on <i>oxo</i> -Bacteriochlorin Sensitizers with Broadband Absorption Capability. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7954-7961.	3.1	95
287	Temperature-dependent spectral changes of self-aggregates of zinc chlorophylls esterified by different linear alcohols at the 17-propionate. <i>Supramolecular Chemistry</i> , 2009, 21, 738-746.	1.2	14
288	Excision of the oxidatively formed 5-hydroxyhydantoin and 5-hydroxy-5-methylhydantoin pyrimidine lesions by <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> DNA N-glycosylases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 16-24.	2.4	20

#	ARTICLE	IF	CITATIONS
289	Conjugation of 2-(1-Hexyloxyethyl)-2-devinylpyropheophorbide-a (HPPH) to Carbohydrates Changes its Subcellular Distribution and Enhances Photodynamic Activity in Vivo. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4306-4318.	6.4	87
290	Hydrolytic Deamination of 5-Methylcytosine in Protic Medium—A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 2524-2533.	2.5	45
291	Creating context for the use of DNA adduct data in cancer risk assessment: II. Overview of methods of identification and quantitation of DNA damage. <i>Critical Reviews in Toxicology</i> , 2009, 39, 679-694.	3.9	75
292	A tribute to Giulio Jori on his 70th birthday. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1359.	2.9	2
293	Mechanism of nitric oxide induced deamination of cytosine. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 2379.	2.8	10
294	Sensitized formation of oxidatively generated damage to cellular DNA by UVA radiation. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 903-911.	2.9	168
295	5',8-Cyclo-2'-deoxyadenosine (cdA) formation by gamma-radiation. Theoretical quantum mechanics study.. <i>Acta Biochimica Polonica</i> , 2009, 56, .	0.5	6
296	Self-aggregation behavior of synthetic zinc 3-hydroxymethyl-13/15-carbonyl-chlorins as models of main light-harvesting components in photosynthetic green bacteria. <i>Photosynthesis Research</i> , 2008, 95, 223-228.	2.9	8
297	Proton catalyzed hydrolytic deamination of cytosine: a computational study. <i>Theoretical Chemistry Accounts</i> , 2008, 120, 429-435.	1.4	28
298	Deamination of the Radical Cation of the Base Moiety of 2-Deoxycytidine: A Theoretical Study. <i>ChemPhysChem</i> , 2008, 9, 1195-1203.	2.1	18
299	Rotational deviation of 3-acetyl group from cyclic tetrapyrrole $\pi$ -plane in synthetic bacteriochlorophyll-a analogs by 20-substitution. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6037-6040.	2.2	25
300	Differential repair of UVB-induced cyclobutane pyrimidine dimers in cultured human skin cells and whole human skin. <i>DNA Repair</i> , 2008, 7, 704-712.	2.8	79
301	Oxidatively Generated Damage to the Guanine Moiety of DNA: Mechanistic Aspects and Formation in Cells. <i>Accounts of Chemical Research</i> , 2008, 41, 1075-1083.	15.6	490
302	The acute phase protein haptoglobin regulates host immunity. <i>Journal of Leukocyte Biology</i> , 2008, 84, 170-181.	3.3	110
303	Covalently linked zinc chlorophyll dimers as a model of a chlorophyllous pair in photosynthetic reaction centers. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1231.	2.9	20
304	Measurement and Meaning of Oxidatively Modified DNA Lesions in Urine. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 3-14.	2.5	202
305	Effect of (5S)-5,8-cyclo-2'-deoxyadenosine on the conformation of di and trinucleotides. A NMR and DFT study. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3408.	2.8	10
306	Formation of cross-linked adducts between guanine and thymine mediated by hydroxyl radical and one-electron oxidation: a theoretical study. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3300.	2.8	53

#	ARTICLE	IF	CITATIONS
307	Selective one-electron oxidation of duplex DNA oligomers: reaction at thymines. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 916.	2.8	60
308	Synthesis of zinc bacteriochlorophyll-d analogues with various 17-substituents and their chlorosomal self-aggregates in non-polar organic solvents. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1225-1230.	2.9	22
309	Determination of new types of DNA lesions in human sperm. <i>Zygote</i> , 2008, 16, 9-13.	1.1	103
310	DNA Damage and Radical Reactions: Mechanistic Aspects, Formation in Cells and Repair Studies. <i>Chimia</i> , 2008, 62, 742-749.	0.6	19
311	3P-270 Sharp zero-phonon lines in fluorescence spectra of single antenna complexes, chlorosomes at cryogenic temperature (The 46th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2008, 48, S169.	0.1	0
312	Oxidation of the sugar moiety of DNA by ionizing radiation or bleomycin could induce the formation of a cluster DNA lesion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14032-14037.	7.1	153
313	ATP-Dependent Chromatin Remodeling Is Required for Base Excision Repair in Conventional but Not in Variant H2A.Bbd Nucleosomes. <i>Molecular and Cellular Biology</i> , 2007, 27, 5949-5956.	2.3	103
314	Regulation of a lymphocyte-endothelial-IL-6 trans-signaling axis by fever-range thermal stress: Hot spot of immune surveillance. <i>Cytokine</i> , 2007, 39, 84-96.	3.2	53
315	Cell surface expression of melanocortin-1 receptor on HaCaT keratinocytes and Î±-melanocortin stimulation do not affect the formation and repair of UVB-induced DNA photoproducts. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 585-593.	2.9	11
316	â€œH Atom andâ€œOH Radical Reactions with 5-Methylcytosine. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8968-8972.	2.5	23
317	Oxidation of 2â€²-Deoxycytidine to Four Interconverting Diastereomers of N1-Carbamoyl-4,5-dihydroxy-2-oxoimidazolidine Nucleosides. <i>Journal of Organic Chemistry</i> , 2007, 72, 3672-3678.	3.2	12
318	RÃ©parations et poÃ¼lodermites congÃ©nitales avec photosensibilitÃ©. <i>Annales De Dermatologie Et De Venereologie</i> , 2007, 134, 65-72.	1.0	0
319	Self-aggregation of synthetic zinc 31-hydroxy-131-oxo-17,18-cis-chlorin in a non-polar organic solvent. <i>Research on Chemical Intermediates</i> , 2007, 33, 161-168.	2.7	9
320	Spiroiminodihydantoin nucleoside formation from 2â€²-deoxyguanosine oxidation by [ <sup>18</sup> O-labeled] singlet molecular oxygen in aqueous solution. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1326-1332.	1.6	29
321	Self-aggregation of zinc chlorophylls possessing perfluoroalkyl chains in fluoruous solvents: Selective extraction of the self-aggregates with fluoruous phase and accelerated formation of the ordered supramolecules in this phase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1920-1923.	2.2	24
322	Molecular breeding of polymerases for amplification of ancient DNA. <i>Nature Biotechnology</i> , 2007, 25, 939-943.	17.5	115
323	Trapping of 4-hydroxynonenal by glutathione efficiently prevents formation of DNA adducts in human cells. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1258-1269.	2.9	40
324	Supramolecular Structure of Self-assembled Synthetic Zinc-131-oxo-chlorins Possessing a Primary, Secondary or Tertiary Alcoholic 31-Hydroxyl Group: Visible Spectroscopic and Molecular Modeling Studies. <i>Photochemistry and Photobiology</i> , 2007, 73, 153-163.	2.5	3

#	ARTICLE	IF	CITATIONS
325	Analysis of Fluoroquinolone-mediated Photosensitization of 2-Deoxyguanosine, Calf Thymus and Cellular DNA: Determination of Type-I, Type-II and Triplet-Triplet Energy Transfer Mechanism Contribution. <i>Photochemistry and Photobiology</i> , 2007, 73, 230-237.	2.5	6
326	Spectroscopic Studies on Self-aggregation of Bacteriochlorophyll-e in Nonpolar Organic Solvents: Effects of Stereoisomeric Configuration at the 31-Position and Alkyl Substituents at the 81-Position. <i>Photochemistry and Photobiology</i> , 2007, 74, 72-80.	2.5	1
327	DNA bipyrimidine photoproduct repair and transcriptional response of UV-C irradiated <i>Bacillus subtilis</i> . <i>Archives of Microbiology</i> , 2007, 188, 421-431.	2.2	18
328	Oxidatively Generated Damage to Cellular DNA: Mechanistic Aspects. , 2007, , 1-13.		6
329	UV-radiation-induced formation of DNA bipyrimidine photoproducts in <i>Bacillus subtilis</i> endospores and their repair during germination. <i>International Microbiology</i> , 2007, 10, 39-46.	2.4	43
330	Cyclobutane pyrimidine dimers are predominant DNA lesions in whole human skin exposed to UVA radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13765-13770.	7.1	572
331	Radiation-induced formation of DNA intrastrand crosslinks between thymine and adenine bases: a theoretical approach. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3986.	2.8	29
332	Guanine-thymine intrastrand cross-linked lesion containing oligonucleotides: from chemical synthesis to in vitro enzymatic replication. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3831-3837.	2.8	42
333	Characterization of Lysine-Guanine Cross-Links upon One-Electron Oxidation of a Guanine-Containing Oligonucleotide in the Presence of a Trilycine Peptide. <i>Journal of the American Chemical Society</i> , 2006, 128, 5703-5710.	13.7	127
334	Nuclear Magnetic Resonance Studies of the 4R and 4S Diastereomers of Spiroiminodihydantoin 2-Deoxyribonucleosides: Absolute Configuration and Conformational Features. <i>Chemical Research in Toxicology</i> , 2006, 19, 1357-1365.	3.3	35
335	One-electron oxidation of DNA and inflammation processes. <i>Nature Chemical Biology</i> , 2006, 2, 348-349.	8.0	80
336	Oligomethylene spacer length dependent interaction of synthetic galactolipids incorporated in phospholipid layers with ricin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 53, 87-93.	5.0	13
337	Synthesis of a hydrophilic and non-ionic anthracene derivative, the N,N-di-(2,3-dihydroxypropyl)-9,10-anthracenedipropanamide as a chemical trap for singlet molecular oxygen detection in biological systems. <i>Tetrahedron</i> , 2006, 62, 10762-10770.	1.9	34
338	Singlet oxygen oxidation of 2-deoxyguanosine. Formation and mechanistic insights. <i>Tetrahedron</i> , 2006, 62, 10709-10715.	1.9	57
339	Identification of the $\hat{1}\pm$ and $\hat{1}^2$ Anomers of 1-(2-Deoxy-d-Erythro-Pentofuranosyl)-Oxaluric Acid at the Site of Riboflavin-mediated Photooxidation of Guanine in 2-Deoxyguanosine and Thymidyl-(3,5)-2-Deoxyguanosine. <i>Photochemistry and Photobiology</i> , 2006, 82, 191.	2.5	9
340	The 17-Propionate Function of (Bacterio)chlorophylls: Biological Implication of Their Long Esterifying Chains in Photosynthetic Systems. <i>Photochemistry and Photobiology</i> , 2006, 83, 152-62.	2.5	176
341	Singlet Oxygen Oxidation of Isolated and Cellular DNA: Product Formation and Mechanistic Insights. <i>Photochemistry and Photobiology</i> , 2006, 82, 1219.	2.5	154
342	Self-Aggregation of Synthetic Zinc Chlorins Possessing a 13-Ester-Carbonyl Group as Chlorosomal Chlorophyll Models. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2352-2361.	2.4	13

#	ARTICLE	IF	CITATIONS
343	Modification of Guanine with Photolabile N-Hydroxypyridine-2(1H)-thione: Monomer Synthesis, Oligonucleotide Elaboration, and Photochemical Studies. <i>Helvetica Chimica Acta</i> , 2006, 89, 2371-2386.	1.6	9
344	Novel thermostable Y-family polymerases: applications for the PCR amplification of damaged or ancient DNAs. <i>Nucleic Acids Research</i> , 2006, 34, 1102-1111.	14.5	45
345	Formation of isodialuric acid lesion within DNA oligomers via one-electron oxidation of 5-hydroxyuracil: characterization, stability and excision repair. <i>Nucleic Acids Research</i> , 2006, 34, 3660-3669.	14.5	16
346	Minor contribution of direct ionization to DNA base damage induced by heavy ions. <i>International Journal of Radiation Biology</i> , 2006, 82, 119-127.	1.8	93
347	Radiation-induced damage to cellular DNA: measurement and biological role. <i>Radiation Physics and Chemistry</i> , 2005, 72, 293-299.	2.8	51
348	Detection of chlorinated DNA and RNA nucleosides by HPLC coupled to tandem mass spectrometry as potential biomarkers of inflammation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 827, 26-31.	2.3	65
349	Identification of the main oxidation products of 8-methoxy-2'-deoxyguanosine by singlet molecular oxygen. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1491-1500.	2.9	16
350	Ultraviolet radiation-mediated damage to cellular DNA. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 571, 3-17.	1.0	782
351	UVB and UVA radiation-mediated damage to isolated and cellular DNA. <i>Pure and Applied Chemistry</i> , 2005, 77, 947-961.	1.9	56
352	Self-aggregates of natural and modified chlorophylls as photosynthetic light-harvesting antenna systems: substituent effect on the B-ring. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 675.	2.9	58
353	Sensitivity to polychromatic UV-radiation of strains of <i>deinococcus radiodurans</i> differing in their DNA repair capacity. <i>International Journal of Radiation Biology</i> , 2005, 81, 601-611.	1.8	37
354	Establishing the background level of base oxidation in human lymphocyte DNA: results of an interlaboratory validation study. <i>FASEB Journal</i> , 2005, 19, 82-84.	0.5	404
355	Synthesis of a Convenient Thymidine Glycol Phosphoramidite Monomer and Its Site-specific Incorporation into DNA Fragments. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 1831-1842.	1.1	5
356	EPOXIDE ADDUCTS AT THE GUANINE RESIDUE WITHIN SINGLE-STRANDED DNA CHAINS: REACTIVITY AND STABILITY STUDIES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 545-552.	1.1	2
357	Enhancement of the in vitro transcription by T7 RNA polymerase of short DNA templates containing oxidative thymine lesions. <i>Comptes Rendus - Biologies</i> , 2005, 328, 794-801.	0.2	1
358	Repair of the three main types of bipyrimidine DNA photoproducts in human keratinocytes exposed to UVB and UVA radiations. <i>DNA Repair</i> , 2005, 4, 836-844.	2.8	129
359	Repair of oxidative damage of thymine by HeLa whole-cell extracts: simultaneous analysis using a microsupport and comparison with traditional PAGE analysis. <i>Biochimie</i> , 2005, 87, 151-159.	2.6	10
360	Determination of Stereochemistry of Bacteriochlorophyll <i>g</i> <sub>F</sub> and 8 <sup>1</sup> -Hydroxychlorophyll <i>a</i> <sub>F</sub> from <i>Heliobacterium modesticaldum</i> . <i>Photochemistry and Photobiology</i> , 2005, 81, 666-673.	2.5	5

#	ARTICLE	IF	CITATIONS
361	Self- $\pi$ -Aggregation of Synthetic Protobacteriochlorophyll <i>d</i> Derivatives. Photochemistry and Photobiology, 2005, 81, 170-176.	2.5	3
362	Resveratrol Enhances UVA-Induced DNA Damage in HaCaT Human Keratinocytes. Medicinal Chemistry, 2005, 1, 629-633.	1.5	34
363	Diastereoselective Self-Assembly of Synthetic Bacteriochlorin Mimicking the Molecular Structure of Chlorosomal Bacteriochlorophylls. AIP Conference Proceedings, 2004, , .	0.4	0
364	Alterations of Bacteriochlorophyll <i>d</i> to <i>c</i> in Chlorosomes Seemed to Be Induced in vitro by Reverse Mutations of the Inactivated <i>bchU</i> Gene in a Photosynthetic Green Sulfur Bacterium Chlorobium vibrioforme NCIB8327. AIP Conference Proceedings, 2004, , .	0.4	0
365	Excision by the human methylpurine DNA-glycosylase of cyanuric acid, a stable and mutagenic oxidation product of 8-oxo-7,8-dihydroguanine. International Journal of Radiation Biology, 2004, 80, 21-27.	1.8	14
366	The Histone Octamer Is Invisible When NF- $\kappa$ B Binds to the Nucleosome. Journal of Biological Chemistry, 2004, 279, 42374-42382.	3.4	60
367	Effects of Duplex Stability on Charge-Transfer Efficiency within DNA. Topics in Current Chemistry, 2004, , 1-25.	4.0	48
368	Synthesis of 3,4,5-tris(alkyloxy)benzyl Glycosides as Glycolipid Analogues. Journal of Carbohydrate Chemistry, 2004, 23, 375-388.	1.1	13
369	Singlet oxygen-mediated damage to cellular DNA determined by the comet assay associated with DNA repair enzymes. Biological Chemistry, 2004, 385, 17-20.	2.5	72
370	Unrepaired Cyclobutane Pyrimidine Dimers Do Not Prevent Proliferation of UV-B-irradiated Cultured Human Fibroblasts. Photochemistry and Photobiology, 2004, 79, 145.	2.5	47
371	Diastereoselective Self- $\pi$ -Aggregation of Synthetic $\beta$ -(1-Hydroxyethyl)-bacteriopyrochlorophyll <i>a</i> as a Novel Photosynthetic Antenna Model Absorbing Near the Infrared Region. Photochemistry and Photobiology, 2004, 79, 55-61.	2.5	23
372	Larger yield of cyclobutane dimers than 8-oxo-7,8-dihydroguanine in the DNA of UVA-irradiated human skin cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 556, 135-142.	1.0	125
373	Predominance of the 1,N2-propano-2-deoxyguanosine adduct among 4-hydroxy-2-nonenal-induced DNA lesions. Free Radical Biology and Medicine, 2004, 37, 62-70.	2.9	83
374	Detection of new radiation-induced DNA lesions by liquid chromatography coupled to tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 2223-2228.	1.5	38
375	Synthesis of a Novel Cyclic Chlorophyll Hetero-Dyad as a Model Compound for Stacked Chlorophylls Found in Photosynthetic Systems. European Journal of Organic Chemistry, 2004, 2004, 2325-2330.	2.4	27
376	Determination of 31-stereochemistry in synthetic bacteriochlorophyll- <i>d</i> homologues and self-aggregation of their zinc complexes. Bioorganic and Medicinal Chemistry, 2004, 12, 1657-1666.	3.0	46
377	Oxidation of 5-Hydroxy-2-deoxyuridine into Isodialuric Acid, Dialuric Acid, and Hydantoin Products. Journal of the American Chemical Society, 2004, 126, 6548-6549.	13.7	29
378	Energy Transfer between Singlet ( $^1\text{O}_2$ ) and Triplet ( $^3\text{O}_2$ ) Molecular Oxygen in Aqueous Solution. Journal of the American Chemical Society, 2004, 126, 3056-3057.	13.7	30

#	ARTICLE	IF	CITATIONS
379	N6-Methyldeoxyadenosine, a nucleoside commonly found in prokaryotes, induces C2C12 myogenic differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 476-482.	2.1	18
380	Assessment of DNA damage by comet assay on frozen total blood: method and evaluation in smokers and non-smokers. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 558, 75-80.	1.7	97
381	Mechanistic aspects of the oxidation of DNA constituents mediated by singlet molecular oxygen. <i>Archives of Biochemistry and Biophysics</i> , 2004, 423, 23-30.	3.0	70
382	Are we sure we know how to measure 8-oxo-7,8-dihydroguanine in DNA from human cells?. <i>Archives of Biochemistry and Biophysics</i> , 2004, 423, 57-65.	3.0	287
383	Unrepaired Cyclobutane Pyrimidine Dimers Do Not Prevent Proliferation of UV-Irradiated Cultured Human Fibroblasts. <i>Photochemistry and Photobiology</i> , 2004, 79, 145-151.	2.5	3
384	Riboflavin and UV-Light Based Pathogen Reduction: Extent and Consequence of DNA Damage at the Molecular Level. <i>Photochemistry and Photobiology</i> , 2004, 80, 15-21.	2.5	13
385	Riboflavin and UV-Light Based Pathogen Reduction: Extent and Consequence of DNA Damage at the Molecular Level. <i>Photochemistry and Photobiology</i> , 2004, 80, 15.	2.5	203
386	Radiation-Induced DNA Damage: Formation, Measurement, and Biochemical Features. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2004, 23, 33-44.	1.2	96
387	Self-Aggregation of Synthetic Protobacteriochlorophyll-d Derivatives. <i>Photochemistry and Photobiology</i> , 2004, 81, 170-6.	2.5	0
388	Measurement of DNA oxidation in human cells by chromatographic and enzymic methods. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1089-1099.	2.9	268
389	Oxidative damage to DNA: formation, measurement and biochemical features. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 531, 5-23.	1.0	615
390	DNA methylation controls the responsiveness of hepatoma cells to leukemia inhibitory factor. <i>Hepatology</i> , 2003, 38, 1516-1528.	7.3	16
391	Site-specific incorporation of the 1-hexanol-1,N6-etheno-2-deoxyadenosine adduct into oligodeoxyribonucleotides. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2445-2452.	3.0	4
392	Hydroxyl Radical Is Not the Main Reactive Species Involved in the Degradation of DNA Bases by Copper in the Presence of Hydrogen Peroxide. <i>Chemical Research in Toxicology</i> , 2003, 16, 191-197.	3.3	86
393	Bipyrimidine Photoproducts Rather than Oxidative Lesions Are the Main Type of DNA Damage Involved in the Genotoxic Effect of Solar UVA Radiation. <i>Biochemistry</i> , 2003, 42, 9221-9226.	2.5	396
394	Formation of a Methide Derivative upon Photolysis of Thymidine Bromohydrins. <i>Journal of Organic Chemistry</i> , 2003, 68, 478-482.	3.2	6
395	One-Electron Oxidation of the Guanine Moiety of 2-Deoxyguanosine: Influence of 8-Oxo-7,8-dihydro-2-deoxyguanosine. <i>Journal of the American Chemical Society</i> , 2003, 125, 2030-2031.	13.7	104
396	Theoretical Study of the Internal Rotation of the Hydroxylic Group of the Enol Form of Guanine. <i>Journal of Physical Chemistry A</i> , 2003, 107, 5334-5341.	2.5	33

#	ARTICLE	IF	CITATIONS
397	Formation of the spore photoproduct and other dimeric lesions between adjacent pyrimidines in UVC-irradiated dry DNA. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 433.	2.9	50
398	New Synthesis of 5-Carboxy-2-deoxyuridine and Its Incorporation into Synthetic Oligonucleotides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1073-1075.	1.1	21
399	Inter-strand photoproducts are produced in high yield within A-DNA exposed to UVC radiation. <i>Nucleic Acids Research</i> , 2003, 31, 3134-3142.	14.5	75
400	MALDI-TOF Mass Spectrometry as a Powerful Tool to Study Enzymatic Processing of DNA Lesions Inserted into Oligonucleotides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1583-1586.	1.1	10
401	Recognition of Cyclonucleoside Lesions by the <i>Lactococcus lactis</i> FPG Protein. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1563-1565.	1.1	3
402	The Oncogenic Fusion Protein-tyrosine Kinase ZNF198/Fibroblast Growth Factor Receptor-1 Has Signaling Function Comparable with Interleukin-6 Cytokine Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 16198-16208.	3.4	35
403	Structural study of DNA duplex containing an N-(2-deoxy- $\beta$ -D-erythro-pentofuranosyl) formamide frameshift by NMR and restrained molecular dynamics. <i>Nucleic Acids Research</i> , 2003, 31, 5930-5940.	14.5	9
404	Solution Study of the NF- $\kappa$ B p50-DNA Complex by UV Laser Protein-DNA Cross-linking. <i>Photochemistry and Photobiology</i> , 2003, 77, 592.	2.5	16
405	The Human Genome as a Target of Oxidative Modification. <i>Oxidative Stress and Disease</i> , 2003, , .	0.3	1
406	[18O]-Labeled Singlet Oxygen as a Tool for Mechanistic Studies of 8-Oxo-7,8-Dihydroguanine Oxidative Damage: Detection of Spiroiminodihydantoin, Imidazolone and Oxazolone Derivatives. <i>Biological Chemistry</i> , 2002, 383, 607-17.	2.5	66
407	Development and Application of a Novel Immunoassay for Measuring Oxidative DNA Damage in the Environment. <i>Photochemistry and Photobiology</i> , 2002, 75, 257.	2.5	18
408	Formation of Modified DNA Bases in Cells Exposed either to Gamma Radiation or to High-LET Particles. <i>Radiation Research</i> , 2002, 157, 589-595.	1.5	198
409	Cellular background level of 8-oxo-7,8-dihydro-2'-deoxyguanosine: an isotope based method to evaluate artefactual oxidation of DNA during its extraction and subsequent work-up. <i>Carcinogenesis</i> , 2002, 23, 1911-1918.	2.8	265
410	Comparative analysis of baseline 8-oxo-7,8-dihydroguanine in mammalian cell DNA, by different methods in different laboratories: an approach to consensus. <i>Carcinogenesis</i> , 2002, 23, 2129-2133.	2.8	202
411	Cross-Linked Thymine-Purine Base Tandem Lesions: Synthesis, Characterization, and Measurement in $\beta$ -Irradiated Isolated DNA. <i>Chemical Research in Toxicology</i> , 2002, 15, 598-606.	3.3	114
412	Recent Aspects of Oxidative DNA Damage: Guanine Lesions, Measurement and Substrate Specificity of DNA Repair Glycosylases. <i>Biological Chemistry</i> , 2002, 383, 933-43.	2.5	83
413	DNA Tandem Lesions Containing 8-Oxo-7,8-dihydroguanine and Formamido Residues Arise from Intramolecular Addition of Thymine Peroxyl Radical to Guanine. <i>Chemical Research in Toxicology</i> , 2002, 15, 445-454.	3.3	86
414	A specific receptor of biological cystine polyion: distance-selective extraction and efficient chirality sensing with an ytterbium porphyrinate tweezer. Electronic supplementary information (ESI) available: synthesis of ytterbium porphyrinate tweezer 1a and zinc analog 4. See <a href="http://www.rsc.org/suppdata/cc/b2/b206708k/">http://www.rsc.org/suppdata/cc/b2/b206708k/</a> . <i>Chemical Communications</i> , 2002, , 2574-2575.	4.1	16



#	ARTICLE	IF	CITATIONS
415	Formation of 2â€²-deoxyuridine hydrates upon exposure of nucleosides to gamma radiation and UVC-irradiation of isolated and cellular DNA. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 565-569.	2.9	21
416	Inter-laboratory Validation of Procedures for Measuring 8-oxo-7,8-dihydroguanine/8-oxo-7,8-dihydro-2â€²-deoxyguanosine in DNA. <i>Free Radical Research</i> , 2002, 36, 239-245.	3.3	75
417	Excision of 8-methylguanine site-specifically incorporated into oligonucleotide substrates by the AlkA protein of <i>Escherichia coli</i> . <i>DNA Repair</i> , 2002, 1, 437-447.	2.8	18
418	Radical Oxidation of the Adenine Moiety of Nucleoside and DNA: 2-Hydroxy-2â€²-deoxyadenosine is a Minor Decomposition Product. <i>Free Radical Research</i> , 2002, 36, 499-508.	3.3	42
419	Assessment of oxidative base damage to isolated and cellular DNA by HPLC-MS/MS measurement <sup>1,2</sup> <sup>1</sup> This article is part of a series of reviews on â€œOxidative DNA Damage and Repair.â€•The full list of papers may be found on the homepage of the journal. <sup>2</sup> Guest Editor: Miral Dizdaroglu. <i>Free Radical Biology and Medicine</i> , 2002, 33, 441-449.	2.9	99
420	Chemical Synthesis and Biochemical Properties of Oligonucleotides that Contain the (5â€²S,5S,6S)-5â€²,6-Cyclo-5-hydroxy-5,6-dihydro-2â€²-deoxyuridine DNA Lesion. <i>ChemBioChem</i> , 2002, 3, 534.	2.6	28
421	Comet Assay Coupled to Repair Enzymes for the Detection of Oxidative Damage to DNA Induced by Low Doses of <sup>13</sup> I-Radiation: Use of YOYO-1, Low-Background Slides, and Optimized Electrophoresis Conditions. <i>Analytical Biochemistry</i> , 2002, 303, 107-109.	2.4	38
422	Comparative study of base damage induced by gamma radiation and Fenton reaction in isolated DNA. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 2866-2870.	1.3	29
423	Comparison of Results from Different Laboratories in Measuring 8-oxo-2â€²-deoxyguanosine in Synthetic Oligonucleotides. <i>Free Radical Research</i> , 2002, 36, 649-659.	3.3	37
424	Aggregation of synthetic metallochlorins in hexane. A model of chlorosomal bacteriochlorophyll self-assemblies in green bacteria. <i>Photosynthesis Research</i> , 2002, 71, 59-67.	2.9	51
425	Spectral Heterogeneity in Single Light-harvesting Chlorosomes from Green Sulfur Photosynthetic Bacterium <i>Chlorobium tepidum</i> . <i>Photochemistry and Photobiology</i> , 2002, 75, 433-436.	2.5	6
426	HPLC-MS/MS Measurement of Oxidative Base Damage to Isolated and Cellular DNA. , 2002, , 190-202.		1
427	ENERGY TRANSFER FROM SUPRAMOLECULAR ASSEMBLIES OF SYNTHETIC ZINC CHLORINS TO ATTACHED ENERGY TRAPS. , 2002, , .		1
428	Individual Determination of the Yield of the Main UV-Induced Dimeric Pyrimidine Photoproducts in DNA Suggests a High Mutagenicity of CC Photolesions. <i>Biochemistry</i> , 2001, 40, 2495-2501.	2.5	298
429	Nitrogen Dioxide as an Oxidizing Agent of 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine but Not of 2â€²-Deoxyguanosine. <i>Chemical Research in Toxicology</i> , 2001, 14, 233-241.	3.3	62
430	5-(PHENYLTHIOMETHYL)-2â€²-DEOXYURIDINE AS AN EFFICIENT PHOTOREACTIVE PRECURSOR TO GENERATE SINGLE AND MULTIPLE LESIONS WITHIN DNA FRAGMENTS. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 967-971.	1.1	14
431	Synthesis and self-aggregation of zinc chlorophylls possessing an $\omega$ -hydroxyalkyl group: effect of distance between interactive hydroxy group and chlorin moiety on aggregationAlternative synthetic approach for 12 and 12D and IR spectra of the precipitates of 3D are available as supplementary data. For direct electronic access see <a href="http://www.rsc.org/suppdata/p1/b1/b107902f">http://www.rsc.org/suppdata/p1/b1/b107902f</a> . <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 3135-3144.	1.3	28
432	Interplay of Intrinsic and Environmental Effects on the Magnetic Properties of Free Radicals Issuing from H-Atom Addition to Cytosine. <i>Journal of the American Chemical Society</i> , 2001, 123, 7113-7117.	13.7	22

#	ARTICLE	IF	CITATIONS
433	Chlorination of Guanosine and Other Nucleosides by Hypochlorous Acid and Myeloperoxidase of Activated Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2001, 276, 40486-40496.	3.4	125
434	Direct Spectroscopic Observation of 8-Oxo-7,8-dihydro-2'-deoxyguanosine Radicals in Double-Stranded DNA Generated by One-Electron Oxidation at a Distance by 2-Aminopurine Radicals. <i>Journal of Physical Chemistry B</i> , 2001, 105, 586-592.	2.6	58
435	UV Laser Photolysis of DNA: Effect of Duplex Stability on Charge-Transfer Efficiency. <i>Journal of the American Chemical Society</i> , 2001, 123, 11360-11366.	13.7	96
436	Repair and Mutagenic Potential of Oxaluric Acid, a Major Product of Singlet Oxygen-Mediated Oxidation of 8-Oxo-7,8-dihydroguanine. <i>Chemical Research in Toxicology</i> , 2001, 14, 46-53.	3.3	65
437	Direct and indirect effects of UV radiation on DNA and its components. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 63, 88-102.	3.8	765
438	Repair of the main UV-induced thymine dimeric lesions within <i>Arabidopsis thaliana</i> DNA: evidence for the major involvement of photoreactivation pathways. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 65, 127-135.	3.8	47
439	Site-Specific Insertion of the (5R*) and (5S*) Diastereoisomers of 1-[2-Deoxy-β-D-erythro-pentofuranosyl]-5-hydroxyhydantoin into Oligodeoxyribonucleotides. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2091-2099.	2.4	12
440	Damage to Isolated DNA Mediated by Singlet Oxygen. <i>Helvetica Chimica Acta</i> , 2001, 84, 3702-3709.	1.6	89
441	2'-deoxyguanosine oxidation is associated with decrease in the DNA-binding activity of the transcription factor Sp1 in liver and kidney from diabetic and insulin-resistant rats. <i>Free Radical Biology and Medicine</i> , 2001, 30, 107-118.	2.9	25
442	Modulation of exogenous and endogenous levels of thioredoxin in human skin fibroblasts prevents DNA damaging effect of ultraviolet A radiation. <i>Free Radical Biology and Medicine</i> , 2001, 30, 537-546.	2.9	23
443	UV damage to nucleic acid components. <i>Comprehensive Series in Photosciences</i> , 2001, , 207-230.	0.3	5
444	Oxygen Free Radical Damage to DNA. <i>Journal of Biological Chemistry</i> , 2001, 276, 49283-49288.	3.4	111
445	1,N 6-Etheno-2'-Deoxyadenosine Adducts from Trans, Trans-2,4-Decadienal and Trans-2-Octenal. <i>Advances in Experimental Medicine and Biology</i> , 2001, 500, 229-232.	1.6	7
446	Analysis of Fluoroquinolone-mediated Photosensitization of 2'-Deoxyguanosine, Calf Thymus and Cellular DNA: Determination of Type-I, Type-II and Triplet-Triplet Energy Transfer Mechanism Contribution. <i>Photochemistry and Photobiology</i> , 2001, 73, 230.	2.5	80
447	The role of duck hepatitis B virus and aflatoxin B1 in the induction of oxidative stress in the liver. <i>Cancer Detection and Prevention</i> , 2001, 25, 192-201.	2.1	3
448	Chemical and Biochemical Properties of Oligonucleotides that Contain (5S)-Cyclo-5,6-dihydro-2'-deoxyuridine and (5S)-Cyclo-5,6-dihydrothymidine, Two Main Radiation-Induced Degradation Products of Pyrimidine 2'-Deoxyribonucleosides. <i>Tetrahedron</i> , 2000, 56, 8689-8701.	1.9	25
449	Electrospray mass spectrometry characterization and measurement of far-UV-induced thymine photoproducts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 54, 145-154.	3.8	62
450	Cloning of a receptor subunit required for signaling by thymic stromal lymphopoietin. <i>Nature Immunology</i> , 2000, 1, 59-64.	14.5	393

#	ARTICLE	IF	CITATIONS
451	Mutation spectra induced by replication of two vicinal oxidative DNA lesions in mammalian cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 452, 51-56.	1.0	33
452	DNA Damage Induced in Cells by $\text{I}^3$ and UVA Radiation As Measured by HPLC/GC-MS and HPLC-EC and Comet Assay. <i>Chemical Research in Toxicology</i> , 2000, 13, 541-549.	3.3	269
453	Oxidative damage and induced mutations in M13mp2 phage DNA exposed to N-nitrosopyrrolidine with UVA radiation. <i>Mutagenesis</i> , 2000, 15, 473-477.	2.6	13
454	In vitro DNA synthesis opposite oxazolone and repair of this DNA damage using modified oligonucleotides. <i>Nucleic Acids Research</i> , 2000, 28, 1555-1563.	14.5	94
455	Protection against Radiation-Induced Degradation of DNA Bases by Polyamines. <i>Radiation Research</i> , 2000, 153, 29-35.	1.5	89
456	The COX-2 inhibitor nimesulide suppresses superoxide and 8-hydroxy-deoxyguanosine formation, and stimulates apoptosis in mucosa during early colonic inflammation in rats. <i>Carcinogenesis</i> , 2000, 21, 973-976.	2.8	71
457	Effects of UV and Visible Radiations on Cellular DNA. , 2000, 29, 62-73.		44
458	Oxidative DNA damage in human lymphocytes: correlations with plasma levels of alpha-tocopherol and carotenoids. <i>Carcinogenesis</i> , 2000, 21, 321-324.	2.8	44
459	Removal of oxygen free-radical-induced 5',8-purine cyclodeoxynucleosides from DNA by the nucleotide excision-repair pathway in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3832-3837.	7.1	332
460	DNA Damage by 5-Aminolevulinic and 4,5-Dioxovaleric Acids in the Presence of Ferritin. <i>Archives of Biochemistry and Biophysics</i> , 2000, 373, 368-374.	3.0	44
461	Measurement of the Main Photooxidation Products of 2-Deoxyguanosine Using Chromatographic Methods Coupled to Mass Spectrometry. <i>Archives of Biochemistry and Biophysics</i> , 2000, 374, 118-127.	3.0	54
462	Structure of an oligonucleotide containing a N-(2-deoxy- $\beta$ -D-erythro-pentofuranosyl)formamide residue facing a guanine. <i>Biochimie</i> , 2000, 82, 65-69.	2.6	2
463	Repair and replication of oxidized DNA bases using modified oligodeoxyribonucleotides. <i>Biochimie</i> , 2000, 82, 19-24.	2.6	42
464	Oxidative base damage to DNA: specificity of base excision repair enzymes. <i>Mutation Research - Reviews in Mutation Research</i> , 2000, 462, 121-128.	5.5	102
465	[14] Singlet oxygen DNA damage products: Formation and measurement. <i>Methods in Enzymology</i> , 2000, 319, 143-153.	1.0	86
466	High-Performance Liquid Chromatography-Tandem Mass Spectrometry Measurement of Radiation-Induced Base Damage to Isolated and Cellular DNA. <i>Chemical Research in Toxicology</i> , 2000, 13, 1002-1010.	3.3	277
467	Singlet Oxygen Induces Oxidation of Cellular DNA. <i>Journal of Biological Chemistry</i> , 2000, 275, 40601-40604.	3.4	260
468	Benzo[a]pyrene-induced DNA damage in <i>Mytilus galloprovincialis</i> : measurement of bulky DNA adducts and DNA oxidative damage in terms of 8-oxo-7,8-dihydro-2-deoxyguanosine formation. <i>Biomarkers</i> , 2000, 5, 355-367.	1.9	17

#	ARTICLE	IF	CITATIONS
469	Novel 1,N6-Etheno-2 $\beta$ -deoxyadenosine Adducts from Lipid Peroxidation Products. <i>Chemical Research in Toxicology</i> , 2000, 13, 397-405.	3.3	46
470	Synthesis and UV Photolysis of Oligodeoxynucleotides That Contain 5-(Phenylthiomethyl)-2 $\beta$ -deoxyuridine: A Specific Photolabile Precursor of 5-(2 $\beta$ -Deoxyuridilyl)methyl Radical. <i>Organic Letters</i> , 2000, 2, 1085-1088.	4.6	97
471	Tandem Base Lesions Are Generated by Hydroxyl Radical within Isolated DNA in Aerated Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2000, 122, 4549-4556.	13.7	112
472	Comparison of different methods of measuring 8-oxoguanine as a marker of oxidative DNA damage. <i>Free Radical Research</i> , 2000, 32, 333-341.	3.3	112
473	Solution Structure by NMR and Molecular Dynamics of a Duplex Containing a Guanine Opposite aN-(2-Deoxy- $\beta$ -d-erythro-pentofuranosyl)formamide Lesion. <i>Biochemistry</i> , 2000, 39, 5614-5621.	2.5	12
474	Formation of the Main UV-induced Thymine Dimeric Lesions within Isolated and Cellular DNA as Measured by High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2000, 275, 11678-11685.	3.4	215
475	Repair and Coding Properties of 5-Hydroxy-5-methylhydantoin Nucleosides Inserted into DNA Oligomers. <i>Chemical Research in Toxicology</i> , 2000, 13, 575-584.	3.3	48
476	Oxaluric Acid as the Major Product of Singlet Oxygen-Mediated Oxidation of 8-Oxo-7,8-dihydroguanine in DNA. <i>Journal of the American Chemical Society</i> , 2000, 122, 12622-12628.	13.7	127
477	Synthesis of a Naphthalene Endoperoxide as a Source of $^{18}O$ -labeled Singlet Oxygen for Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2000, 122, 10212-10213.	13.7	105
478	L-arginine increases UVA cytotoxicity in irradiated human keratinocyte cell line: potential role of nitric oxide. <i>FASEB Journal</i> , 1999, 13, 1817-1824.	0.5	25
479	Effects of 8-oxo-7,8-dihydro-2 $\beta$ -deoxyguanosine on the binding of the transcription factor Sp1 to its cognate target DNA sequence (GC box). <i>Free Radical Research</i> , 1999, 31, 217-229.	3.3	47
480	Synthesis and enzymatic processing of oligodeoxynucleotides containing tandem base damage. <i>Nucleic Acids Research</i> , 1999, 27, 1015-1024.	14.5	63
481	$^{32}P$ -postlabeling high-performance liquid chromatography ( $^{32}P$ -HPLC) adapted for analysis of 8-hydroxy-2'-deoxyguanosine. <i>Carcinogenesis</i> , 1999, 20, 1241-1245.	2.8	27
482	Synthesis and Characterization of Oligodeoxyribonucleotides Containing Tandem Base Damage. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 1349-1350.	0.5	2
483	2 $\beta$ -Deoxycytidine Glycols, a Missing Link in the Free Radical-mediated Oxidation of DNA. <i>Journal of Biological Chemistry</i> , 1999, 274, 20833-20838.	3.4	51
484	Artificial Light Harvesting Antennae: Singlet Excitation Energy Transfer from Zinc Chlorin Aggregate to Bacteriochlorin in Homogeneous Hexane Solution. <i>Photochemistry and Photobiology</i> , 1999, 69, 448-456.	2.5	80
485	Isolation and Characterization of Two Furan-side Photoadducts of 7-Methylpyrido[3,4-c] Psoralen to the Sugar Moiety of 2-Deoxyadenosine. <i>Photochemistry and Photobiology</i> , 1999, 70, 152-158.	2.5	6
486	Oxidation of Guanine in Cellular DNA by Solar UV Radiation: Biological Role. <i>Photochemistry and Photobiology</i> , 1999, 70, 184-190.	2.5	122

#	ARTICLE	IF	CITATIONS
487	Regulation by Gi2 proteins of v-fms-induced proliferation and transformation via Src-kinase and STAT3. <i>Oncogene</i> , 1999, 18, 6335-6342.	5.9	41
488	Towards an effective computational tool for the study of radiation-induced lesions of DNA bases. <i>Chemical Physics Letters</i> , 1999, 301, 255-262.	2.6	15
489	Measurement of acute phase proteins in the rat brain: contribution of vascular contents. <i>Neurochemical Research</i> , 1999, 24, 1313-1317.	3.3	8
490	Why do chlorosomal chlorophylls lack the C132 -methoxycarbonyl moiety? An in vitro model study. <i>Photosynthesis Research</i> , 1999, 61, 23-31.	2.9	42
491	Hydroxyl radicals and DNA base damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 424, 9-21.	1.0	544
492	Radiation-induced damage to DNA: mechanistic aspects and measurement of base lesions. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1999, 151, 1-7.	1.4	19
493	Modulation of hepatic acute phase gene expression by epidermal growth factor and src protein tyrosine kinases in murine and human hepatic cells. <i>Hepatology</i> , 1999, 30, 682-697.	7.3	56
494	Self-Assembly of Synthetic Zinc Chlorins in Aqueous Microheterogeneous Media to an Artificial Supramolecular Light-Harvesting Device. <i>Helvetica Chimica Acta</i> , 1999, 82, 797-810.	1.6	79
495	Synthesis of Oligonucleotides Containing the (4R) and (4S) Diastereoisomers of 4,8-Dihydro-4-hydroxy-8-oxo-2'-deoxyguanosine. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 49-56.	2.4	14
496	Modification of DNA bases by photosensitized one-electron oxidation. <i>International Journal of Radiation Biology</i> , 1999, 75, 571-581.	1.8	136
497	5-Deazaflavins: New Very Efficient DNA Photosensitisers, Synthesis of Oligonucleotide Conjugates. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 1345-1347.	0.5	3
498	Synthesis and characterization of oligodeoxynucleotides containing the two 5R and 5S diastereomers of (5 $\alpha$ ,6 $\beta$ )-5,6-cyclo-5,6-dihydrothymidine; radiation-induced tandem lesions of thymidine. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 1257-1264.	0.9	25
499	Hydroxyl radical-induced degradation of 2'-deoxyguanosine under reducing conditions. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1875-1880.	0.9	44
500	Hydroxyl-Radical-Induced Decomposition of 2'-Deoxycytidine in Aerated Aqueous Solutions. <i>Journal of the American Chemical Society</i> , 1999, 121, 4101-4110.	13.7	82
501	Urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine and 5-(hydroxymethyl) uracil in Smokers. <i>Free Radical Research</i> , 1999, 30, 173-180.	3.3	32
502	Synthesis and Biochemical Properties of Cyanuric Acid Nucleoside-Containing DNA Oligomers. <i>Chemical Research in Toxicology</i> , 1999, 12, 630-638.	3.3	46
503	Simultaneous Determination of Five Oxidative DNA Lesions in Human Urine. <i>Chemical Research in Toxicology</i> , 1999, 12, 802-808.	3.3	110
504	Diastereoselective Self-Assemblies of Chlorophylls a and $\alpha$ . <i>Journal of Physical Chemistry B</i> , 1999, 103, 7398-7405.	2.6	18

#	ARTICLE	IF	CITATIONS
505	Synthesis and Characterization of Oligonucleotides Containing 5â€,8-Cyclopurine 2â€-Deoxyribonucleosides: (5â€R)-5â€,8-Cyclo-2â€-deoxyadenosine, (5â€S)-5â€,8-Cyclo-2â€-deoxyguanosine, and (5â€R)-5â€,8-Cyclo-2â€-deoxyguanosine. <i>Chemical Research in Toxicology</i> , 1999, 12, 412-421.	3.3	88
506	Excision of 5,6-Dihydroxy-5,6-dihydrothymine, 5,6-Dihydrothymine, and 5-Hydroxycytosine from Defined Sequence Oligonucleotides by <i>Escherichia coli</i> Endonuclease III and Fpg Proteins: A Kinetic and Mechanistic Aspectsâ€. <i>Biochemistry</i> , 1999, 38, 3335-3344.	2.5	98
507	Measurement of DNA base damage in cells exposed to low doses of gamma-radiation: comparison between the HPLC-EC and comet assays. <i>International Journal of Radiation Biology</i> , 1999, 75, 51-58.	1.8	99
508	Oxidative Base Damage to DNA. , 1999, , 47-58.		4
509	Radiation Chemistry of DNA. , 1999, , 91-102.		3
510	Radiation-induced degradation of DNA bases. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1999, 96, 138-142.	0.2	4
511	Use of the comet assay to measure DNA damage in cells exposed to photosensitizers and gamma radiation. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1999, 96, 143-146.	0.2	8
512	Optimisation of <i>Arabidopsis thaliana</i> DNA extraction for the analysis of 8-oxo-7,8-dihydro-2'-deoxyguanosine formation after gamma irradiation. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1999, 96, 152-161.	0.2	2
513	Artificial Light-Harvesting Antennae: Singlet Excitation Energy Transfer from Zinc Chlorin Aggregate to Bacteriochlorin in Homogeneous Hexane Solution. <i>Photochemistry and Photobiology</i> , 1999, 69, 448.	2.5	4
514	DNA Injuries, Damage Induction and Removal. , 1999, , 173-178.		0
515	Dommages des acides nuclÃ©iques induits aprÃ©s exposition aux rayonnements X et UV. <i>European Physical Journal Special Topics</i> , 1999, 09, Pr5-91-Pr5-95.	0.2	0
516	Oxidation of guanine in cellular DNA by solar UV radiation: biological role. <i>Photochemistry and Photobiology</i> , 1999, 70, 184-90.	2.5	26
517	High-level constitutive expression of alpha 1-acid glycoprotein and lack of protection against tumor necrosis factor-induced lethal shock in transgenic mice. <i>Transgenic Research</i> , 1998, 7, 429-435.	2.4	15
518	Supramolecular Cationic Tetra-ruthenated Porphyrin and Light-Induced Decomposition of 2â€-Deoxyguanosine Predominantly Via a Singlet Oxygen-Mediated Mechanism. <i>Photochemistry and Photobiology</i> , 1998, 68, 698-702.	2.5	11
519	Molecular Requirement of Chlorosomal Chlorophylls. Self-Organization of a Chlorophyll Derivative Possessing a Hydroxyl Group at Ring II. <i>Photochemistry and Photobiology</i> , 1998, 67, 295-303.	2.5	13
520	Does vitamin C have a pro-oxidant effect?. <i>Nature</i> , 1998, 395, 231-232.	27.8	53
521	Cis-5-hydroperoxy-6-hydroxy-5,6-dihydrothymine: crystal structure and theoretical investigations of the electronic properties by DFT. <i>Computational and Theoretical Chemistry</i> , 1998, 427, 143-155.	1.5	15
522	Use of the Single-Cell Gel Electrophoresis Assay for the Immunofluorescent Detection of Specific DNA Damage. <i>Analytical Biochemistry</i> , 1998, 259, 1-7.	2.4	80

#	ARTICLE	IF	CITATIONS
523	Urinary excretion of 5-(hydroxymethyl)uracil in healthy volunteers: Effect of active and passive tobacco smoke. , 1998, 77, 40-46.		27
524	Synthesis and Self-aggregation of Zinc 20-Halogenochlorins as a Model for Bacteriochlorophylls <i>c</i>. Journal of Porphyrins and Phthalocyanines, 1998, 02, 159-169.	0.8	84
525	NMR assignments and conformational studies of two diastereomeric oxidation products of 2â€²-deoxycytidine. Magnetic Resonance in Chemistry, 1998, 36, 363-370.	1.9	7
526	Photosensitization of thymine nucleobase by benzophenone through energy transfer, hydrogen abstraction and one-electron oxidation. Journal of Photochemistry and Photobiology B: Biology, 1998, 44, 191-198.	3.8	63
527	Asymmetric synthesis of methyl bacteriopheophorbide-d and analogues by stereoselective reduction of the 3-acetyl to the 3-(1-hydroxyethyl) group. Tetrahedron: Asymmetry, 1998, 9, 2101-2111.	1.8	65
528	Synthetic zinc tetrapyrroles complexing with pyridine as a single axial ligand. Bioorganic and Medicinal Chemistry, 1998, 6, 2171-2178.	3.0	109
529	Gas chromatographyâ€“mass spectrometry with high-performance liquid chromatography prepurification for monitoring the endonuclease III-mediated excision of 5-hydroxy-5,6-dihydrothymine and 5,6-dihydrothymine from I <sup>3</sup> -irradiated DNA. Biomedical Applications, 1998, 710, 67-74.	1.7	12
530	Isotope dilution high-performance liquid chromatographyâ€“electrospray tandem mass spectrometry assay for the measurement of 8-oxo-7,8-dihydro-2â€²-deoxyguanosine in biological samples. Biomedical Applications, 1998, 715, 349-356.	1.7	154
531	Dextran sulfate enhances the level of an oxidative DNA damage biomarker, 8-oxo-7,8-dihydro-2â€²-deoxyguanosine, in rat colonic mucosa. Cancer Letters, 1998, 134, 1-5.	7.2	40
532	Hydroxyl radicals are involved in the oxidation of isolated and cellular DNA bases by 5â€²-aminolevulinic acid. FEBS Letters, 1998, 428, 93-96.	2.8	72
533	Urine 8-Oxo-7, 8-Dihydro-2â€²-Deoxyguanosine vs. 5â€²-(Hydroxymethyl) Uracil as DNA Oxidation Marker in Adriamycin-Treated Patients. Free Radical Research, 1998, 28, 377-382.	3.3	36
534	The direct effect of heavy ions and electrons on thymidine in the solid state. International Journal of Radiation Biology, 1998, 74, 81-97.	1.8	25
535	Direct effect of heavy ions and electrons on 2â€²-deoxyguanosine in the solid state. Journal of the Chemical Society Perkin Transactions II, 1998, , 1365-1374.	0.9	10
536	Facts and artifacts in the measurement of oxidative base damage to DNA. Free Radical Research, 1998, 29, 541-550.	3.3	125
537	Solution Structure of N-(2-Deoxy-d-erythro-pentofuranosyl)urea Frameshifts, One Intrahelical and the Other Extrahelical, by Nuclear Magnetic Resonance and Molecular Dynamics. Biochemistry, 1998, 37, 1083-1093.	2.5	16
538	Polyclonal Antibodies to AdenineN1-Oxide: Characterization and Use for the Measurement of DNA Damage. Chemical Research in Toxicology, 1998, 11, 1169-1175.	3.3	7
539	A Novel Vicinal Lesion Obtained from the Oxidative Photosensitization of TpdG:Â Characterization and Mechanistic Aspects. Chemical Research in Toxicology, 1998, 11, 1005-1013.	3.3	40
540	Supramolecular Structures of the Chlorophyllaâ€“ Aggregate and the Origin of the Diastereoselective Separation of Chlorophyllaandaâ€“. Journal of Physical Chemistry B, 1998, 102, 7882-7889.	2.6	19

#	ARTICLE	IF	CITATIONS
541	Structures and Spectroscopic Characteristics of 5,6-Dihydro-6-thymyl and 5,6-Dihydro-5-thymyl Radicals by an Integrated Quantum Mechanical Approach Including Electronic, Vibrational, and Solvent Effects. <i>Journal of the American Chemical Society</i> , 1998, 120, 1864-1871.	13.7	60
542	Site-Specific Introduction of (5 $\hat{a}$ $\hat{e}$ $\hat{s}$ )-5 $\hat{a}$ $\hat{e}$ $\hat{s}$ ,8-Cyclo-2 $\hat{a}$ $\hat{e}$ $\hat{s}$ -deoxyadenosine into Oligodeoxyribonucleotides. <i>Journal of Organic Chemistry</i> , 1998, 63, 5245-5249.	3.2	80
543	DNA Alkylation by 4,5-Dioxovaleric Acid, the Final Oxidation Product of 5-Aminolevulinic Acid. <i>Chemical Research in Toxicology</i> , 1998, 11, 150-157.	3.3	58
544	Formation of 1,N6-Etheno-2 $\hat{a}$ $\hat{e}$ $\hat{s}$ -deoxyadenosine Adducts by trans,trans-2,4-Decadienal. <i>Chemical Research in Toxicology</i> , 1998, 11, 1042-1047.	3.3	22
545	Protective effects of antioxidants against UVA-induced DNA damage in human skin fibroblasts in culture. <i>Free Radical Research</i> , 1998, 29, 307-313.	3.3	70
546	Characterization and Chemical Stability of Photooxidized Oligonucleotides that Contain 2,2-Diamino-4-[(2-deoxy- $\beta$ -d-erythro-pentofuranosyl)amino]-5(2H)-oxazolone. <i>Journal of the American Chemical Society</i> , 1998, 120, 10283-10286.	13.7	110
547	Opposite base-dependent excision of 7,8-dihydro-8-oxoadenine by the Ogg1 protein of <i>Saccharomyces cerevisiae</i> . <i>Carcinogenesis</i> , 1998, 19, 1299-1305.	2.8	74
548	Repair and mutagenic potency of 8-oxoG:A and 8-oxoG:C base pairs in mammalian cells. <i>Nucleic Acids Research</i> , 1998, 26, 1276-1281.	14.5	61
549	Expression and Function of the Megakaryocyte Growth and Development Factor Receptor in Acute Myeloid Leukemia Blasts. <i>Leukemia and Lymphoma</i> , 1998, 30, 415-433.	1.3	9
550	Artifacts Associated with the Measurement of Oxidized DNA Bases. <i>Environmental Health Perspectives</i> , 1997, 105, 1034.	6.0	95
551	Measurement of 2,6-diamino-4-hydroxy-5-formamidopyrimidine and 8-oxo-7,8-dihydroguanine in isolated DNA exposed to gamma radiation in aqueous solution. <i>Carcinogenesis</i> , 1997, 18, 2385-2391.	2.8	103
552	Ozonolysis of 2 $\hat{a}$ $\hat{e}$ $\hat{s}$ -Deoxycytidine: Isolation and Identification of the Main Oxidation Products. <i>Free Radical Research</i> , 1997, 26, 257-266.	3.3	17
553	Self-Assembly of Methyl Zinc (31R)- and (31S)-Bacteriopheophorbides. <i>Journal of Physical Chemistry B</i> , 1997, 101, 3424-3431.	2.6	69
554	High-Intensity UV Laser Photolysis of DNA and Purine 2 $\hat{a}$ $\hat{e}$ $\hat{s}$ -Deoxyribonucleosides: Formation of 8-Oxopurine Damage and Oligonucleotide Strand Cleavage as Revealed by HPLC and Gel Electrophoresis Studies. <i>Journal of the American Chemical Society</i> , 1997, 119, 11373-11380.	13.7	129
555	Oxidative damage to DNA: Formation, measurement, and biological significance. , 1997, 131, 1-87.		154
556	Artifacts associated with the measurement of oxidized DNA bases.. <i>Environmental Health Perspectives</i> , 1997, 105, 1034-1039.	6.0	104
557	Far $\hat{u}$ $\hat{v}$ $\hat{a}$ $\hat{e}$ $\hat{s}$ Induced Dimeric Photoproducts in Short Oligonucleotides: Sequence Effects. <i>Photochemistry and Photobiology</i> , 1997, 66, 171-179.	2.5	41
558	P XIV B.25 Immunofluorescent detection of cyclobutane pyrimidine dimers by a modification of the comet assay. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 379, S134.	1.0	2



#	ARTICLE	IF	CITATIONS
559	O XVI A.4 Measurement of oxidative base damage within cellular DNA and biological fluids. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 379, S154.	1.0	0
560	5-Carboxy-2â€²-deoxyuridine, a new photooxidation product of thymidine. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 104, 97-104.	3.9	6
561	A Convenient Synthesis of 5-Hydroxy-2â€²-Deoxycytidine Phosphoramidite and its Incorporation into Oligonucleotides. Tetrahedron Letters, 1997, 38, 7531-7534.	1.4	28
562	Photo-sensitized formation of the cis-(5R, 6R) diastereomer of 5,6-dihydroxy-5,6-dihydro-5-methyl-2â€²-â€™-deoxycytidine. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1997, 94, 300-305.	0.2	4
563	Measurement of oxidized bases in DNA. Comparison between HPLC-EC and GC-MS assays. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1997, 94, 306-312.	0.2	8
564	DNA Modifications Due to Oxidative Damage. Data and Knowledge in A Changing World, 1997, , 281-288.	0.1	0
565	Effects of UV and visible radiation on DNA-final base damage. Biological Chemistry, 1997, 378, 1275-86.	2.5	136
566	Photosensitized Reaction of 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine: Identification of 1-(2-Deoxy-â€²-d-erythro-pentofuranosyl)cyanuric Acid as the Major Singlet Oxygen Oxidation Product. Journal of the American Chemical Society, 1996, 118, 1892-1898.	13.7	121
567	Photosensitized Oxidation of 5-Methyl-2â€²-deoxycytidine by 2-Methyl-1,4-naphthoquinone: Characterization of 5-(Hydroperoxymethyl)-2â€²-deoxycytidine and Stable Methyl Group Oxidation Products. Journal of the American Chemical Society, 1996, 118, 11406-11411.	13.7	83
568	An Adduct between Peroxynitrite and 2â€²-Deoxyguanosine: 4,5-Dihydro-5-hydroxy-4-(nitrosooxy)-2â€²-deoxyguanosine. Chemical Research in Toxicology, 1996, 9, 3-7.	3.3	108
569	Synthesis of Oligonucleotides Containing 5-Carboxy-2â€²-deoxyuridine at Defined Sites. Journal of Organic Chemistry, 1996, 61, 6075-6078.	3.2	16
570	Conformational and Electronic Properties of the Two Cis (5S,6R) and (5R,6S) Diastereoisomers of 5,6-Dihydroxy-5,6-dihydrothymidine: X-ray and Theoretical Studies. Chemical Research in Toxicology, 1996, 9, 298-305.	3.3	10
571	Synthesis and Kinetic Study of the Deamination of the Cis Diastereomers of 5,6-Dihydroxy-5,6-dihydro-5-methyl-2â€²-deoxycytidine. Journal of Organic Chemistry, 1996, 61, 2632-2637.	3.2	32
572	Peroxynitrite Mediated Oxidation of Purine Bases of Nucleosides and Isolated DNA. Free Radical Research, 1996, 24, 369-380.	3.3	172
573	Measurement of Oxidative Damage at Pyrimidine Bases in <sup>13</sup> Irradiated DNA. Chemical Research in Toxicology, 1996, 9, 1145-1151.	3.3	89
574	1H,13C and15N nuclear magnetic resonance analysis and chemical features of the two main radical oxidation products of 2â€²-deoxyguanosine: oxazolone and imidazolone nucleosides. Journal of the Chemical Society Perkin Transactions II, 1996, , 371-381.	0.9	93
575	Aggregation of Synthetic Zinc Complexes of Cyclotetrapyrroles. Chemistry Letters, 1996, 25, 639-640.	1.3	13
576	5-Hydroxymethyluracil excretion, plasma tbars and plasma antioxidant vitamins in adriamycin-treated patients. Free Radical Biology and Medicine, 1996, 20, 979-983.	2.9	61

#	ARTICLE	IF	CITATIONS
577	Synthetic Zinc and Magnesium Chlorin Aggregates as Models for Supramolecular Antenna Complexes in Chlorosomes of Green Photosynthetic Bacteria. <i>Photochemistry and Photobiology</i> , 1996, 63, 92-99.	2.5	332
578	Photochemistry and Photobiology of Furocoumarin Hydroperoxides Derived from Imperatorin: Novel Intercalating Photo-Fenton Reagents for Oxidative DNA Modification by Hydroxyl Radicals. <i>Photochemistry and Photobiology</i> , 1996, 63, 768-778.	2.5	16
579	Selbstorganisation einer künstlichen Lichtsammelantenne: Energieübertragung von einem zinkhaltigen Chlorin auf ein Bacteriochlorin in einem supramolekularen Aggregat. <i>Angewandte Chemie</i> , 1996, 108, 810-812.	2.0	21
580	Conformational Analysis of Some Radiation-Induced Decomposition Products of Thymidine Using <sup>13</sup> C NMR Analysis. <i>Magnetic Resonance in Chemistry</i> , 1996, 34, 577-581.	1.9	5
581	Synthesis and Mass Spectrometry Analysis of Oligonucleotides Bearing 5-Formyl-2-Deoxyuridine in Their Structure. <i>Nucleosides &amp; Nucleotides</i> , 1996, 15, 1287-1305.	0.5	19
582	Observation and prevention of an artefactual formation of oxidized DNA bases and nucleosides in the GC-EMS method. <i>Carcinogenesis</i> , 1996, 17, 347-353.	2.8	130
583	Monitoring urinary excretion of 5-hydroxymethyluracil for assessment of oxidative DNA damage and repair. <i>Biomarkers</i> , 1996, 1, 178-184.	1.9	21
584	Direct effects of gamma-radiation on 2-deoxycytidine in frozen aqueous solution. <i>International Journal of Radiation Biology</i> , 1996, 70, 1-6.	1.8	24
585	Dommages photo-induits des résidus monomériques de la 5-méthylcytosine de l'ADN par la lumière de l'ultraviolet lointain : rôle de l'oxygène. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1996, 93, 16-28.	0.2	1
586	URINARY EXCRETION OF 5-HYDROXYMETHYLURACIL AS INDICATOR OF OXIDATIVE DNA DAMAGE AND REPAIR. , 1996, , 73-77.		0
587	Photooxidation of d(TpG) by riboflavin and methylene blue. Isolation and characterization of thymidyl-(3,5)-2-amino-5-[(2-deoxy-β-D-erythro-pentofuranosyl)amino]-4H-imidazol-4-one and its primary decomposition product thymidyl-(3,5)-2,2-diamino-4-[(2-deoxy-β-D-erythro-pentofuranosyl)amino]-5(2H)-oxazolone. <i>Nucleic Acids Research</i> , 1995, 23, 3954-3961.	14.5	35
588	FORMATION OF 7,8-DIHYDRO-8-OXOGUANINE IN THE 1,2-DIOXETANE-INDUCED OXIDATION OF CALF THYMUS DNA: EVIDENCE FOR PHOTOSENSITIZED DNA DAMAGE BY THERMALLY GENERATED TRIPLET KETONES IN THE DARK. <i>Photochemistry and Photobiology</i> , 1995, 62, 231-238.	2.5	39
589	Photosensitized Formation of 8-Hydroxy-2-deoxyguanosine in Salmon Testes DNA by Furocoumarin Hydroperoxides: A Novel, Intercalating Photo-Fenton Reagent for Oxidative DNA Damage. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 107-110.	4.4	37
590	Effects of heavy ions on nucleic acids: Measurement of the damage. <i>Radiation and Environmental Biophysics</i> , 1995, 34, 55-57.	1.4	3
591	Photoreaction of 5-methoxypsoralen with thymidine. Isolation and characterization of a pyrone-side monoadduct involving the pyrimidine methyl group. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 27, 167-175.	3.8	4
592	Methylene blue-mediated photooxidation of 7,8-dihydro-8-oxo-2-deoxyguanosine. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1263, 17-24.	2.4	56
593	.gamma. Irradiation of 2'-Deoxyadenosine in Oxygen-Free Aqueous Solutions: Identification and Conformational Features of Formamidopyrimidine Nucleoside Derivatives. <i>Chemical Research in Toxicology</i> , 1995, 8, 924-933.	3.3	50
594	Chemical Aspects of the Benzophenone-Photosensitized Formation of Two Lysine-2'-deoxyguanosine Cross-Links. <i>Journal of the American Chemical Society</i> , 1995, 117, 12408-12415.	13.7	58

#	ARTICLE	IF	CITATIONS
595	Measurement of Pyrimidine (6-4) Photoproducts in DNA by a Mild Acidic Hydrolysis-HPLC Fluorescence Detection Assay. <i>Chemical Research in Toxicology</i> , 1995, 8, 244-253.	3.3	32
596	Reaction of Singlet Oxygen with 2'-Deoxyguanosine and DNA. Isolation and Characterization of the Main Oxidation Products. <i>Chemical Research in Toxicology</i> , 1995, 8, 379-388.	3.3	183
597	Type I Benzophenone-Mediated Nucleophilic Reaction of 5'-Amino-2',5'-dideoxyguanosine. A Model System for the Investigation of Photosensitized Formation of DNA-Protein Cross-Links. <i>Chemical Research in Toxicology</i> , 1995, 8, 792-799.	3.3	42
598	Function of Hematopoietin Receptor Subunits in Hepatic Cells and Fibroblasts. <i>Annals of the New York Academy of Sciences</i> , 1995, 762, 189-206.	3.8	7
599	Pleiotropic Defects of IL-6 deficient Mice Including Early Hematopoiesis, T and B Cell Function, and Acute Phase Responses. <i>Annals of the New York Academy of Sciences</i> , 1995, 762, 308-318.	3.8	74
600	Interleukin-6 Type Cytokines and Their Receptors for Gene Therapy of Melanoma. <i>Annals of the New York Academy of Sciences</i> , 1995, 762, 361-374.	3.8	22
601	Interleukin-6 Type Cytokines Affect Glycosylation of Acute Phase Proteins <i>in Vitro</i> . <i>Annals of the New York Academy of Sciences</i> , 1995, 762, 413-415.	3.8	3
602	PHOTOREACTION OF 5-METHOXYPSORALEN WITH THYMIDINE and THE THYMINE MOIETY OF ISOLATED and <i>Saccharomyces cerevisiae</i> DNA. CHARACTERIZATION and MEASUREMENT OF THE TWO cis-syn FURANOSIDE MONOCYCLOADDUCTS. <i>Photochemistry and Photobiology</i> , 1995, 62, 997-1004.	2.5	10
603	UV and nucleic acids. , 1995, 73, 173-197.		17
604	Determination of 8-oxo-purines in DNA by HPLC using amperometric detection. , 1995, , 213-224.		8
605	Measurement of oxidized nucleobases and nucleosides in human urine by using a GC/MS assay in the selective ion monitoring mode. , 1995, , 249-260.		3
606	Oxidative damage to DNA. , 1995, , 51-64.		5
607	Excited States and Free Radicals in Biology and Medicine: Contributions from Flash Photolysis and Pulse Radiolysis. R. V. Bensasson , E. J. Land , T. G. Truscott. <i>Quarterly Review of Biology</i> , 1995, 70, 375-375.	0.1	0
608	Ozonolysis of Thymidine: Isolation and Identification of the Main Oxidation Products. <i>Free Radical Research</i> , 1994, 20, 315-325.	3.3	16
609	Aminothiols Linked to Quinoline and Acridine Chromophores Efficiently Decrease 7,8-dihydro-8-oxo-2-deoxyguanosine Formation in <sup>137</sup> Ir-irradiated DNA. <i>International Journal of Radiation Biology</i> , 1994, 66, 259-266.	1.8	5
610	Micellar electrokinetic capillary chromatography of nucleic acid constituents and dinucleoside monophosphate photoproducts. <i>Journal of High Resolution Chromatography</i> , 1994, 17, 4-8.	1.4	12
611	FLUORESCENCE QUANTUM YIELD DETERMINATION OF PYRIMIDINE (6-4) PYRIMIDONE PHOTOADDUCTS. <i>Photochemistry and Photobiology</i> , 1994, 59, 402-404.	2.5	32
612	BENZOPHENONE PHOTSENSITIZATION OF 2'-DEOXYGUANOSINE: CHARACTERIZATION OF THE 2R AND 2s DIASTEREOISOMERS OF 1-(2-DEOXY-β-D-erythro-W-PENTOFURANOSYL)-2-METHOXY-4,5-IMIDAZOLIDINEDIONE. A MODEL SYSTEM FOR THE INVESTIGATION OF PHOTSENSITIZED FORMATION OF DNA-PROTEIN CROSSLINKS. <i>Photochemistry and Photobiology</i> , 1994, 60, 102-109.	2.5	36

#	ARTICLE	IF	CITATIONS
613	Formation of Cyclobutane dimers and (6-4) Photoproducts upon Far-UV Photolysis of 5-Methylcytosine-Containing Dinucleoside Monophosphates. <i>Biochemistry</i> , 1994, 33, 11942-11950.	2.5	77
614	2,2-Diamino-4-[(3,5-di-O-acetyl-2-deoxy- $\beta$ -D-erythro-pentofuranosyl)amino]-5-(2H)-oxazolone: a Novel and Predominant Radical Oxidation Product of 3',5'-Di-O-acetyl-2'-deoxyguanosine. <i>Journal of the American Chemical Society</i> , 1994, 116, 7403-7404.	13.7	328
615	[8] Singlet oxygen DNA damage: Chromatographic and mass spectrometric analysis of damage products. <i>Methods in Enzymology</i> , 1994, 234, 79-88.	1.0	59
616	Ascorbic acid-2-O- $\beta$ -glucuronide, a new metabolite of vitamin C identified in human urine and uremic plasma. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1994, 1199, 305-310.	2.4	3
617	Thymidine Hydroperoxides: Structural Assignment, Conformational Features, and Thermal Decomposition in Water. <i>Journal of the American Chemical Society</i> , 1994, 116, 2235-2242.	13.7	95
618	R��paration des modifications oxydatives de l'ADN : cas de la 5-m��thylcytosine dans l'ADN. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1994, 91, 984-994.	0.2	0
619	DNA damage caused by oxidation, deamination, ultraviolet radiation and photoexcited psoralens. <i>IARC (international Agency for Research on Cancer) Scientific Publications</i> , 1994, , 245-76.	0.4	6
620	Gas chromatographic-mass spectrometric determination of 5-hydroxymethyluracil in human urine by stable isotope dilution. <i>Biomedical Applications</i> , 1993, 616, 1-7.	1.7	26
621	Furan-side pyridopsoralens monoadducts to the thymine moiety of DNA. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 17, 263-271.	3.8	8
622	PROTECTIVE EFFECT OF SELENIUM AND ZINC ON UV-A DAMAGE IN HUMAN SKIN FIBROBLASTS. <i>Photochemistry and Photobiology</i> , 1993, 58, 548-553.	2.5	69
623	Photobiological activities of 1,6-dioxapyrene in pro- and eukaryotic cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 287, 165-179.	1.0	13
624	Simple chromatographic systems permitting both DNA purification and separation of 2'-deoxyribonucleoside 3'-monophosphates as substrates for 32P-postlabelling studies. <i>Biomedical Applications</i> , 1993, 613, 257-265.	1.7	5
625	Isolation and Characterization of a New Product Produced by Ionizing Irradiation and Type I Photosensitization of 2��-deoxyguanosine in Oxygen-saturated aqueous Solution: (2S)-2,5��-anhydro-1-(2��-deoxy-��-erythro-pentofuranosyl)-5-guanidinylidene-2-hydroxy-4-oxoimidazolidine. <i>International Journal of Radiation Biology</i> , 1993, 63, 669-676.	1.8	53
626	Characterization of the cis-syn and cis-anti diastereoisomers of 5-methoxypsoralen pyrone-side monocycloadducts to thymidine. <i>Chemical Research in Toxicology</i> , 1993, 6, 858-865.	3.3	11
627	DETECTING DNA DAMAGE. <i>Analytical Chemistry</i> , 1993, 65, 675A-682A.	6.5	67
628	HPLC Separations of Normal and Modified Nucleobases and Nucleosides on an Amino Silica Gel Column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1993, 16, 3185-3202.	1.0	18
629	Radical oxidation reaction of the purine moiety of 2��-deoxyribonucleosides and DNA by iron-containing minerals. <i>Carcinogenesis</i> , 1993, 14, 41-46.	2.8	55
630	Detecting DNA damage. <i>Analytical Chemistry</i> , 1993, 65, 675A-682A.	6.5	38

#	ARTICLE	IF	CITATIONS
631	Réactions des radicaux 6-hydroxy-5,6-dihydrothymid-5-yles en solution aqueuse. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1993, 90, 853-861.	0.2	2
632	Oxydation de la thymidine par l'ozone : comparaison avec l'action des radicaux hydroxyles. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1993, 90, 863-870.	0.2	1
633	Excision of 7,8-dihydro-8-oxoguanine from DNA by the Fpg protein. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1993, 90, 871-879.	0.2	5
634	Synthesis of antigens, precursors of antibodies specific for 5-hydroxycytosine. Collection of Czechoslovak Chemical Communications, 1993, 58, 75-78.	1.0	0
635	Formation, stabilité et comparaison de modifications pyrimidiniques dans l'ADN. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1993, 90, 837-852.	0.2	2
636	Photooxidation of d(TpG) by phthalocyanines and riboflavin. Isolation and characterization of dinucleoside monophosphates containing the 4R* and 4S* diastereoisomers of 4,8-dihydro-4-hydroxy-8-oxo-2'-deoxyguanosine. Nucleic Acids Research, 1992, 20, 4847-4851.	14.5	50
637	Synthesis of the diastereomers of thymidine glycol, determination of concentrations and rates of interconversion of their cis-trans isomers at equilibrium and demonstration of differential alkali lability within DNA. Nucleic Acids Research, 1992, 20, 4839-4845.	14.5	88
638	Identification of 2-deoxy-D-ribose-1,4-lactone at the site of benzophenone photosensitized release of guanine in 2'-deoxyguanosine and thymidyl-(3'-5')-2'-deoxyguanosine. Canadian Journal of Chemistry, 1992, 70, 1827-1832.	1.1	22
639	Chemical and biochemical postlabeling methods for singling out specific oxidative DNA lesions. Mutation Research - DNAging, 1992, 275, 343-354.	3.2	36
640	Photosensitized formation of 7,8-dihydro-8-oxo-2'-deoxyguanosine (8-hydroxy-2'-deoxyguanosine) in DNA by riboflavin: a nonsinglet oxygen-mediated reaction. Journal of the American Chemical Society, 1992, 114, 9692-9694.	13.7	327
641	New trends in photobiology. Journal of Photochemistry and Photobiology B: Biology, 1992, 15, 277-298.	3.8	194
642	Reversed-phase high-performance liquid chromatography-thermospray mass spectrometry of radiation-induced decomposition products of thymine and thymidine. Journal of Chromatography A, 1992, 593, 133-138.	3.7	14
643	The Dewar valence isomer of the (6-4) photoadduct of thymidyl-(3'-5')-thymidine monophosphate: Formation, alkaline lability and conformational properties. Journal of Photochemistry and Photobiology B: Biology, 1992, 12, 339-357.	3.8	34
644	Far-UV photochemistry and photosensitization of 2'-deoxycytidyl-(3'-5')-thymidine: Isolation and characterization of the main photoproducts. Journal of Photochemistry and Photobiology B: Biology, 1992, 15, 199-213.	3.8	65
645	PHthalocyanine AND Naphthalocyanine Photosensitized Oxidation of 2'-deoxyguanosine. Photochemistry and Photobiology, 1992, 55, 809-814.	2.5	101
646	Formation of cyclobutane thymine dimers photosensitized by pyridopsoralens: quantitative and qualitative distribution within DNA. Biochemistry, 1991, 30, 7080-7088.	2.5	47
647	High-power UV laser photolysis of nucleosides: final product analysis. , 1991, 1403, 575.		0
648	Purification of DNA and group separation of normal and modified DNA components by size-exclusion chromatography. Journal of Chromatography A, 1991, 539, 373-381.	3.7	5

#	ARTICLE	IF	CITATIONS
649	Ionic and radical oxidations of DNA by hydrogen peroxide. <i>Chemico-Biological Interactions</i> , 1991, 77, 187-201.	4.0	33
650	CHARACTERIZATION OF THE (6-4) PHOTOPRODUCT OF 2'-DEOXYCYTIDYL-(3'→5')-THYMIDINE AND OF ITS DEWAR VALENCE ISOMER. <i>Photochemistry and Photobiology</i> , 1991, 53, 293-297.	2.5	32
651	Hydrogen Fluoride Mediated Alkylation and Dimerization of the Base Moiety of the cis Diastereoisomers of 5,6-Dihydroxy-5,6-dihydrothymidine. <i>Nucleosides &amp; Nucleotides</i> , 1991, 10, 563-564.	0.5	1
652	Structure of Furocoumarin-DNA Photoadducts. , 1991, , 173-183.		2
653	Radical Oxidation of the Purine Moieties of DNA and Related Nucleosides. , 1991, , 403-404.		4
654	RIBOFLAVIN-PHOTOSENSITIZED IRRADIATION OF d(GpT) AND dG. THE FORMATION OF AN O5',8-CYCLIC PHOTOPRODUCT. , 1991, , 399.		1
655	Oxydations radicalaires photo- et radio-induites des bases puriniques et pyrimidiniques des acides nucléiques. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1991, 88, 1021-1042.	0.2	28
656	Étude comparative de l'oxydation radicalaire de l'ADN et de ses nucléosides par les radicaux hydroxyles et les ions ferryles issus de la réaction de Fenton. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1991, 88, 1053-1060.	0.2	6
657	Photooxydation sensibilisée de la dGsoxy-2' guanosine par des phtalocyanines et naphthalocyanines. Détermination de l'importance des mécanismes de type I et de type II. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1991, 88, 1069-1076.	0.2	18
658	Comparative Effects of Ultraviolet and Ionizing Radiations on Nucleic Acids. , 1991, , 49-59.		1
659	RADICAL OXIDATION PRODUCTS OF THE PURINE MOIETIES OF NUCLEOSIDES AND DNA. , 1991, , 400.		0
660	PHOTOOXIDATION OF 2'-DEOXYGUANOSINE AND DNA BY PHTHALOCYANINES AND NAPHTHALOCYANINES: IDENTIFICATION OF TYPE I AND TYPE II PHOTOPRODUCTS. , 1991, , 418.		0
661	Formation et stabilité des photohydrates pyrimidiniques dans l'ADN. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1991, 88, 1043-1051.	0.2	0
662	Structure of Nucleic Acid Photoproducts. , 1991, , 453-462.		0
663	Acidic Hydrolysis of the N-Glycosidic Bonds of Deoxyribo-nucleic Acid by Hydrogen Fluoride Stabilized in Pyridine. <i>Nucleosides &amp; Nucleotides</i> , 1990, 9, 451-452.	0.5	12
664	FORMATION OF CYCLOBUTANE THYMINE DIMERS PHOTSENSITIZED BY PYRIDOPSORALENS: A TRIPLET-TRIPLET ENERGY TRANSFER MECHANISM. <i>Photochemistry and Photobiology</i> , 1990, 51, 255-262.	2.5	32
665	Photoreactions of furocoumarins with biomolecules. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1990, 6, 197-206.	3.8	19
666	Scientific report of the third esp meeting in budapest (August 27 – September 2, 1989). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1990, 4, 437.	3.8	0

#	ARTICLE	IF	CITATIONS
667	Analysis of thymidine hydroperoxides by post-column reaction high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1990, 504, 191-196.	3.7	19
668	Identification of the Two <i>cis-syn</i> [2 + 2] Cycloadducts Resulting from the Photoreaction of 3-carbethoxypsoralen with 2'-deoxycytidine and 2'-deoxyuridine. <i>International Journal of Radiation Biology</i> , 1990, 57, 903-918.	1.8	5
669	High Performance Liquid Chromatography-Electrochemical Assay for Monitoring the Formation of 8-Oxo-7,8-dihydroadenine and its Related 2'-Deoxyribonucleoside. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1990, 13, 929-940.	1.0	61
670	Phosphorus-32 postlabeling measurement of adenine N-1-oxide in cellular DNA exposed to hydrogen peroxide. <i>Chemical Research in Toxicology</i> , 1990, 3, 102-110.	3.3	49
671	Radical combination processes under the direct effects of gamma radiation on thymidine. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 2063.	0.9	19
672	[52] Photodynamic methods for oxy radical-induced DNA damage. <i>Methods in Enzymology</i> , 1990, 186, 502-511.	1.0	55
673	Molecular mechanics and dynamics of DNA-furocoumarin complexes: Effect of the aromatization of the pyrone ring on the intercalation geometry. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1990, 6, 207-220.	3.8	7
674	Photochemistry of d(CpT): Isolation and structure determination of the pyrimidine (6-4) pyrimidone photoadduct and of its Dewar valence isomer. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 277-280.	1.0	0
675	UV-induced pyrimidine hydrates in DNA are repaired by bacterial and mammalian DNA glycosylase activities. <i>Biochemistry</i> , 1989, 28, 6164-6170.	2.5	120
676	Interleukin-1 and Interleukin-6 Stimulate Acute-Phase Protein Production in Primary Mouse Hepatocytes. <i>Journal of Leukocyte Biology</i> , 1989, 45, 55-61.	3.3	87
677	3-CARBETHOXYPSORALEN-DNA PHOTOLESIONS: IDENTIFICATION AND QUANTITATIVE DETECTION IN YEAST AND MAMMALIAN CELLS OF THE TWO <i>cis-syn</i> DIASTEREISOMERS FORMED WITH THYMIDINE. <i>Photochemistry and Photobiology</i> , 1988, 47, 803-808.	2.5	22
678	A new class of psoralen photoadducts to DNA components: Isolation and characterization of 8-MOP adducts to the osidic moiety of 2'-deoxyadenosine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1988, 2, 321-339.	3.8	22
679	Repair of the two <i>cis-syn</i> diastereoisomers formed between 3-carbethoxy-psoralen and thymidine in yeast cells, followed by a chemical method. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1988, 2, 389-394.	3.8	12
680	Identification of the products resulting from the direct effects of $\hat{\gamma}$ -radiation on thymidine. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1988, , 1303-1307.	0.9	24
681	The Repairability of Oxidative Free Radical Mediated Damage to DNA: A Review. <i>International Journal of Radiation Biology</i> , 1988, 54, 131-150.	1.8	193
682	Formation of Cyclopyrimidines Via the Direct Effects of Gamma Radiation of Pyrimidine Nucleosides. <i>International Journal of Radiation Biology</i> , 1988, 54, 987-997.	1.8	36
683	Quantitative Measurement of the Diastereoisomers of CIS Thymidine Glycol in Gamma-Irradiated DNA. <i>Free Radical Research Communications</i> , 1987, 2, 303-309.	1.8	47
684	Specific Deprotonation Reactions of the Pyrimidine Radical Cation Resulting from the Menadione Mediated Photosensitization of 2'-Deoxycytidine. <i>Free Radical Research Communications</i> , 1987, 2, 295-301.	1.8	53

#	ARTICLE	IF	CITATIONS
685	Characterization of a $\hat{I}^3$ -radiation-induced decomposition product of thymidine. Crystal and molecular structure of the ( $\hat{a}$ )cis(5R,6S) thymidine glycol. Canadian Journal of Chemistry, 1987, 65, 2618-2623.	1.1	29
686	Photo and radiation-induced formation of thymidine hydroperoxides. Bioelectrochemistry, 1987, 18, 155-162.	1.0	17
687	MENADIONE SENSITIZED PHOTOOXIDATION OF NUCLEIC ACID and PROTEIN CONSTITUENTS. AN ESR and SPIN-TRAPPING STUDY. Photochemistry and Photobiology, 1987, 46, 175-182.	2.5	44
688	PHOTOREACTION OF MONOFUNCTIONAL 3-CARBETHOXYPSORALEN WITH DNA: IDENTIFICATION AND CONFORMATIONAL STUDY OF THE PREDOMINANT cis-syn FURAN SIDE MONOADDUCT TO THYMINE. Photochemistry and Photobiology, 1987, 45, 199-207.	2.5	11
689	Photosensitized reactions of nucleic acids. Biochimie, 1986, 68, 813-834.	2.6	179
690	Chemical structure of 3-carbethoxy-psoralen-DNA photoadducts. Biochimie, 1986, 68, 787-795.	2.6	20
691	Sensitized Photo-oxidation of Thymidine by 2-methyl-1,4-naphthoquinone. Characterization of the Stable Photoproducts. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1986, 50, 491-505.	1.0	82
692	The Radiation Chemistry of the Purine Bases within DNA and Related Model Compounds. , 1986, 38, 69-74.		9
693	Genetics and evolution of the acute phase proteins in mice. Molecular Genetics and Genomics, 1985, 201, 505-512.	2.4	38
694	TRIPLET EXCITED STATES OF 4',5'-PHOTOMONOADDUCTS OF 3-CARBETHOXYPSORALEN and 8-METHOXYPSORALEN WITH DNA NUCLEOSIDES. Photochemistry and Photobiology, 1985, 42, 599-602.	2.5	13
695	Isolation and Characterization of the Radiation-Induced Degradation Products of 2-Deoxyguanosine in Oxygen-Free Aqueous Solutions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1985, 40, 1519-1531.	0.7	69
696	Recent aspects of the photochemistry of nucleic acids and related model compounds. Biochimie, 1985, 67, 277-292.	2.6	45
697	Chemical structure of psoralen-nucleic acid photoadducts. Biochimie, 1985, 67, 317-325.	2.6	53
698	Characterization of thymidine ultraviolet photoproducts. Cyclobutane dimers and 5,6-dihydrothymidines. Canadian Journal of Chemistry, 1985, 63, 2861-2868.	1.1	53
699	Tribute to prof. Shih Yi Wang. Biochimie, 1985, 67, 275-276.	2.6	1
700	Radiation-induced Decomposition of the Purine Bases within DNA and Related Model Compounds. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1985, 47, 127-143.	1.0	150
701	Photoreactions of Furocoumarins (Psoralens and Angelicins). , 1985, , 259-276.		4
702	SENSITIZED PHOTOREACTIONS OF PURINE AND PYRIMIDINE 2'-DEOXYRIBONUCLEOSIDES BY 8-METHOXYPSORALEN AND 3-CARBETHOXYPSORALEN. , 1984, , 485-490.		7



#	ARTICLE	IF	CITATIONS
703	PHOTO-OXIDATION OF THYMINE SENSITIZED BY 2-METHYL-1,4-NAPHTHOQUINONE: ANALYSIS OF PRODUCTS INCLUDING THREE NOVEL PHOTO-DIMERS. <i>Photochemistry and Photobiology</i> , 1984, 40, 589-597.	2.5	47
704	PHthalocyanine AND NAPhtHALOCYANINE PHOTOSENSITIZED OXIDATION OF 2'-DEOXYGUANOSINE: DISTINCT TYPE I AND TYPE II PRODUCTS. <i>Photochemistry and Photobiology</i> , 1984, 39, 809-814.	2.5	4
705	MENADIONE MEDIATED PHOTOOXIDATION OF PURINE AND PYRIMIDINE 2'-DEOXYRIBONUCLEOSIDES. , 1984, , 547-550.		2
706	Transfer of Plasma Membrane Proteins Between Cells Using Reconstituted Membrane Vesicles as Shuttle Vehicles. <i>Novartis Foundation Symposium</i> , 1984, 103, 129-149.	1.1	0
707	CHARACTERIZATION OF PHOTOCYCLOADDITION PRODUCTS FROM REACTION BETWEEN THYMIDINE and THE MONOFUNCTIONAL 3- $\alpha$ -CARBETHOXYPSORALEN. <i>Photochemistry and Photobiology</i> , 1983, 37, 363-371.	2.5	45
708	Rapid quantitation of ultraviolet-induced thymine-containing dimers in human cell dna by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1983, 280, 99-108.	3.7	59
709	Separation of nucleic acid components and their radiation-induced degradation products on chemically bonded C12 reversed-phase thin-layer plates. <i>Journal of Chromatography A</i> , 1983, 259, 111-119.	3.7	15
710	252Cf-plasma desorption mass spectrometry of covalently bound nucleic acid adducts: Psoralen-nucleosides photoadducts. <i>International Journal of Mass Spectrometry and Ion Physics</i> , 1983, 53, 69-83.	1.3	15
711	Mechanisms and Products of Photosensitized Degradation of Nucleic Acids and Related Model Compounds. <i>Israel Journal of Chemistry</i> , 1983, 23, 420-429.	2.3	128
712	A 1H and 13C nmr study of the radiation-induced degradation products of 2-deoxythymidine derivatives: N-(2-deoxy- $\beta$ -D-erythropentofuranosyl) formamide. <i>Canadian Journal of Chemistry</i> , 1981, 59, 3313-3318.	1.1	38
713	Separation of cyclobutyl dimers of thymine and thymidine by high-performance liquid chromatography and thin-layer chromatography. <i>Journal of Chromatography A</i> , 1980, 195, 139-145.	3.7	37
714	Conformational studies of $\beta$ - and $\gamma$ -pyrimidine 2-deoxyribonucleosides in the syn and anti conformation. <i>Nucleic Acids and Protein Synthesis</i> , 1980, 608, 435-445.	1.7	35
715	Proton magnetic resonance studies of 5,6-saturated thymidine derivatives produced by ionizing radiation. Conformational analysis of 6-hydroxylated diastereoisomers. <i>Nucleic Acids and Protein Synthesis</i> , 1979, 563, 206-215.	1.7	51
716	A New Radiolysis Mechanism for 2-Deoxyadenosine in Aqueous Deaerated Solution. <i>Radiation Research</i> , 1979, 79, 431.	1.5	31
717	COMPARATIVE STUDY OF OXIDATION OF NUCLEIC ACID COMPONENTS BY HYDROXYL RADICALS, SINGLET OXYGEN AND SUPEROXIDE ANION RADICALS. <i>Photochemistry and Photobiology</i> , 1978, 28, 661-665.	2.5	190
718	O6,5'-Cyclo-5,6-dihydro-2'-deoxyuridine. Novel deoxyuridine photoproducts. <i>Journal of the American Chemical Society</i> , 1978, 100, 6715-6720.	13.7	36
719	Final Products Obtained from the Gamma Radiolysis of Frozen Aqueous Solutions of Thymidine. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1978, 33, 419-423.	1.0	13
720	Radiation-Induced Degradation of the Base Component in DNA and Related Substances - Final Products. <i>Molecular Biology, Biochemistry, and Biophysics</i> , 1978, 27, 171-202.	0.1	105

#	ARTICLE	IF	CITATIONS
721	Molecular Aspects of Chemical Radiosensitization. Journal of Radiation Research, 1977, 18, 93-101.	1.6	6
722	Isomerisation and conformation studies of (+)- and (âˆ“)6-hydroxy-5, 6-dihydrouridine. Nucleic Acids and Protein Synthesis, 1976, 432, 18-27.	1.7	11
723	Radiolyse gamma de solutions aqueuses de thymine a 77Â°k et 195Â°k identification du dimere de type cyclobutane cis syn. Tetrahedron Letters, 1976, 17, 4275-4277.	1.4	2
724	Gamma Radiolysis of Thymine in Oxygen-free Aqueous Solution in the Presence of Electron Affinic Radiosensitizers: Identification of Stable Products. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1976, 30, 1-11.	1.0	9
725	Comparison of Radiolysis Products of Thymine and Thymidine with E.S.R. Results. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1975, 27, 211-222.	1.0	11
726	Isomerization and new specific synthesis of thymine glycol. Tetrahedron, 1975, 31, 2057-2061.	1.9	63
727	Synthesis and spectxoscopic properties of two classes of 5,6-dihydrothymidine derivatives. Action on the Ehrlich's ascites cells thymidine kinase. Nucleic Acids Research, 1975, 2, 487-499.	14.5	15
728	Chimie des acides nucleiques. Anomerisation et isomerisation furanno-pyrannique des derives dihydro-5,6 sulfonate-6 de la desoxy-2â€™-uridine et de la thymidine en milieu acide. Tetrahedron Letters, 1974, 15, 867-870.	1.4	4
729	Identification of Radioproducts Resulting from the Breakage of Thymine Moiety by Gamma Irradiation of E. coli DNA in an Aerated Aqueous Solution. Radiation Research, 1974, 57, 46.	1.5	70
730	Nucleic acid hydrolysis. I. Isomerization and anomerization of pyrimidic deoxyribonucleosides in an acidic medium. Journal of the American Chemical Society, 1974, 96, 6517-6519.	13.7	52
731	Radiation chemistry of nucleic acids: Characterization of thymine hydroxy-hydroperoxides. Biochemical and Biophysical Research Communications, 1974, 59, 1047-1052.	2.1	17
732	Spectres de masse des anomeres pyranniques et furanniques de la thymidine, de leurs acetates et des bromohydrines correspondantes. Organic Mass Spectrometry, 1973, 7, 543-554.	1.3	4
733	Radiolysis of thymine in aerated aqueous solution. Challenge, 1971, , 1269.	0.4	42
734	8-Oxo-7,8-Dihydro-2â€™-Deoxyguanosine: A Major DNA Oxidation Product. , 0, , 29-47.		4
735	Molecular effects of UV and ionizing radiations on DNA. , 0, , 359-374.		6
736	Peroxides in Biological Systems. , 0, , 915-999.		12