

John D Simon

List of Publications by Year in descending order

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186
papers

10,080
citations

23567

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40979

93
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188
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188
docs citations

188
times ranked

7468
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterization of pterosaur melanin challenges color inferences in extinct animals. <i>Scientific Reports</i> , 2019, 9, 15947.	3.3	15
2	Melanins and melanogenesis: from pigment cells to human health and technological applications. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 520-544.	3.3	347
3	Probing the Surface Calcium Binding Sites of Melanosomes Using Molecular Rulers. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14110-14114.	2.6	5
4	Near-Infrared Excited State Dynamics of Melanins: The Effects of Iron Content, Photo-Damage, Chemical Oxidation, and Aggregate Size. <i>Journal of Physical Chemistry A</i> , 2014, 118, 993-1003.	2.5	38
5	Melanins and melanogenesis: methods, standards, protocols. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 616-633.	3.3	365
6	Impact of diagenesis and maturation on the survival of eumelanin in the fossil record. <i>Organic Geochemistry</i> , 2013, 64, 29-37.	1.8	45
7	High-performance liquid chromatography estimation of cross-linking of dihydroxyindole moiety in eumelanin. <i>Analytical Biochemistry</i> , 2013, 434, 221-225.	2.4	50
8	Pump-Probe Microscopic Imaging of Jurassic-Aged Eumelanin. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1924-1927.	4.6	21
9	The effect of hydration on the UV absorption coefficient of intact melanosomes. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 687-691.	2.9	3
10	Direct chemical evidence for eumelanin pigment from the Jurassic period. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10218-10223.	7.1	166
11	The UV Absorption Spectrum of Human Iridal Melanosomes: A New Perspective on the Relative Absorption of Eumelanin and Pheomelanin and its Consequences. <i>Photochemistry and Photobiology</i> , 2012, 88, 1378-1384.	2.5	8
12	UV-Absorption Spectra of Melanosomes Containing Varying 5,6-Dihydroxyindole and 5,6-Dihydroxyindole-2-Carboxylic Acid Content. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12624-12631.	2.6	15
13	Insights into the thermodynamics of copper association with amyloid- β , α -synuclein and prion proteins. <i>Metallomics</i> , 2011, 3, 262-266.	2.4	21
14	Direct Measurement of the Ultraviolet Absorption Coefficient of Single Retinal Melanosomes. <i>Photochemistry and Photobiology</i> , 2010, 86, 279-281.	2.5	12
15	Imaging, Chemical and Spectroscopic Studies of the Methylation-Induced Decomposition of Melanosomes. <i>Photochemistry and Photobiology</i> , 2010, 86, 765-771.	2.5	2
16	The Ultraviolet Absorption Coefficient of Melanosomes Decreases with Increasing Pheomelanin Content. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9677-9683.	2.6	15
17	Ultraviolet Absorption Coefficients of Melanosomes Containing Eumelanin As Related to the Relative Content of DHI and DHICA. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2391-2395.	4.6	18
18	Quantification of the Binding Properties of Cu ²⁺ to the Amyloid Beta Peptide: Coordination Spheres for Human and Rat Peptides and Implication on Cu ²⁺ -Induced Aggregation. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11261-11271.	2.6	65

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19	The Red and the Black. <i>Accounts of Chemical Research</i> , 2010, 43, 1452-1460.	15.6	236
20	Binding of Cu(II) to Human α -Synucleins: Comparison of Wild Type and the Point Mutations Associated with the Familial Parkinson's Disease. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9551-9561.	2.6	31
21	Structural characterization of colored human iridal melanosomes by photo emission electron microscopy. , 2009, , .		1
22	Neuromelanins Isolated from Different Regions of the Human Brain Exhibit a Common Surface Photoionization Threshold. <i>Photochemistry and Photobiology</i> , 2009, 85, 387-390.	2.5	8
23	Challenges in Applying Photoemission Electron Microscopy to Biological Systems ^{<sup>â€‹</sup>} . <i>Photochemistry and Photobiology</i> , 2009, 85, 8-20.	2.5	11
24	Human Iridal Stroma Melanosomes of Varying Pheomelanin Contents Possess a Common Eumelanin Outer Surface. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11346-11351.	2.6	33
25	Neuromelanins in various regions of human brain are associated with native and oxidized isoprenoid lipids. <i>Archives of Biochemistry and Biophysics</i> , 2009, 484, 94-99.	3.0	14
26	Current challenges in understanding melanogenesis: bridging chemistry, biological control, morphology, and function. <i>Pigment Cell and Melanoma Research</i> , 2009, 22, 563-579.	3.3	316
27	Different Molecular Constituents in Pheomelanin are Responsible for Emission, Transient Absorption and Oxygen Photoconsumption. <i>Photochemistry and Photobiology</i> , 2008, 84, 437-443.	2.5	28
28	Role of Ocular Melanin in Ophthalmic Physiology and Pathology ^{<sup>â€‹</sup>} . <i>Photochemistry and Photobiology</i> , 2008, 84, 639-644.	2.5	196
29	Quantification of Naturally Occurring Pyrrole Acids in Melanosomes. <i>Photochemistry and Photobiology</i> , 2008, 84, 700-705.	2.5	13
30	Surface Elastic Properties of Human Retinal Pigment Epithelium Melanosomes ^{<sup>â€‹</sup>} . <i>Photochemistry and Photobiology</i> , 2008, 84, 671-678.	2.5	26
31	Introduction to the Symposium-in-Print on Melanins. <i>Photochemistry and Photobiology</i> , 2008, 84, 537-538.	2.5	1
32	Ultra-low Temperature Oxidation of 5,6-Dihydroxyindole: A Novel Approach to Study Synthetic Melanogenesis. <i>Photochemistry and Photobiology</i> , 2008, 84, 608-612.	2.5	10
33	Neuronal pigmented autophagic vacuoles: lipofuscin, neuromelanin, and ceroid as macroautophagic responses during aging and disease. <i>Journal of Neurochemistry</i> , 2008, 106, 24-36.	3.9	164
34	Quantification of the Binding Constant of Copper(II) to the Amyloid-Beta Peptide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8160-8164.	2.6	107
35	Insights into Melanosomes and Melanin from Some Interesting Spatial and Temporal Properties. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13201-13217.	2.6	100
36	New melanic pigments in the human brain that accumulate in aging and block environmental toxic metals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17567-17572.	7.1	213

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37	Probing skin pigmentation changes with transient absorption imaging of eumelanin and pheomelanin. <i>Journal of Biomedical Optics</i> , 2008, 13, 054036.	2.6	46
38	Identification and quantification of dolichol and dolichoic acid in neuromelanin from substantia nigra of the human brain. <i>Journal of Lipid Research</i> , 2007, 48, 1457-1462.	4.2	31
39	Current Understanding of the Binding Sites, Capacity, Affinity, and Biological Significance of Metals in Melanin. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7938-7947.	2.6	281
40	Physical and Chemical Characterization of Iris and Choroid Melanosomes Isolated from Newborn and Mature Cows. <i>Photochemistry and Photobiology</i> , 2007, 81, 517-523.	2.5	5
41	The differing embryonic origins of retinal and uveal (iris/ciliary body and choroid) melanosomes are mirrored by their phospholipid composition. <i>Pigment Cell & Melanoma Research</i> , 2007, 20, 61-69.	3.6	14
42	Quantification of Ca ²⁺ -binding to melanin supports the hypothesis that melanosomes serve a functional role in regulating calcium homeostasis. <i>Pigment Cell & Melanoma Research</i> , 2007, 20, 134-139.	3.6	82
43	Probing the Spatial Dependence of the Emission Spectrum of Single Human Retinal Lipofuscin Granules Using Near-field Scanning Optical Microscopy. <i>Photochemistry and Photobiology</i> , 2007, 74, 364-368.	2.5	6
44	Ultrafast Energy Transfer from Bound Tetra(4-N,N,N,N-trimethylanilinium)porphyrin to Synthetic Dopa and Cysteinyldopa Melanins. <i>Photochemistry and Photobiology</i> , 2007, 77, 1-4.	2.5	4
45	The Action Spectrum for Generation of the Primary Intermediate Revealed by Ultrafast Absorption Spectroscopy Studies of Pheomelanin. <i>Photochemistry and Photobiology</i> , 2007, 77, 41-45.	2.5	4
46	Comparison of the Aerobic Photoreactivity of A2E with its Precursor Retinal. <i>Photochemistry and Photobiology</i> , 2007, 77, 253-258.	2.5	20
47	The Surface Oxidation Potential of Melanosomes Measured by Free Electron Laser-Photoelectron Emission Microscopy. <i>Photochemistry and Photobiology</i> , 2007, 83, 692-697.	2.5	8
48	The surface oxidation potential of human neuromelanin reveals a spherical architecture with a pheomelanin core and a eumelanin surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14785-14789.	7.1	151
49	Age-dependent Photoionization Thresholds of Melanosomes and Lipofuscin Isolated from Human Retinal Pigment Epithelium Cells. <i>Photochemistry and Photobiology</i> , 2006, 82, 1475.	2.5	6
50	Age-dependent Photoionization Thresholds of Melanosomes and Lipofuscin Isolated from Human Retinal Pigment Epithelium Cells. <i>Photochemistry and Photobiology</i> , 2006, 82, 1475-1481.	2.5	13
51	Melanin structure and the potential functions of uveal melanosomes. <i>Pigment Cell & Melanoma Research</i> , 2006, 19, 465-466.	3.6	17
52	Spectroscopy and Photoreactivity of Trichochromes: Molecular Components of Pheomelanins. <i>Photochemistry and Photobiology</i> , 2006, 82, 318.	2.5	17
53	Photoionization Thresholds of Melanins Obtained from Free Electron Laser-Photoelectron Emission Microscopy, Femtosecond Transient Absorption Spectroscopy and Electron Paramagnetic Resonance Measurements of Oxygen Photoconsumption. <i>Photochemistry and Photobiology</i> , 2006, 82, 733-737.	2.5	76
54	Mechanistic Studies on the Photochemical Deprotection of 3,5-Dimethoxybenzoin Esters. <i>Photochemistry and Photobiology</i> , 2006, 82, 1258.	2.5	13

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55	Insight into the Binding of Divalent Cations to Sepia Eumelanin from IR Absorption Spectroscopy. Photochemistry and Photobiology, 2006, 82, 1265.	2.5	54
56	Binding of Warfarin Influences the Acid-Base Equilibrium of H242 in Sudlow Site I of Human Serum Albumin. Photochemistry and Photobiology, 2006, 82, 1365.	2.5	27
57	Effects of Photodegradation on the Physical and Antioxidant Properties of Melanosomes Isolated from Retinal Pigment Epithelium. Photochemistry and Photobiology, 2006, 82, 1024.	2.5	76
58	The Impact of Plasma Protein Binding on the Renal Transport of Organic Anions. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 349-355.	2.5	43
59	Metal-ion interactions and the structural organization of Sepia eumelanin. Pigment Cell & Melanoma Research, 2005, 18, 42-48.	3.6	92
60	Molecular Aspects of the Transport and Toxicity of Ochratoxin A. ChemInform, 2005, 36, no.	0.0	0
61	Physical and Chemical Characterization of Iris and Choroid Melanosomes Isolated from Newborn and Mature Cows. Photochemistry and Photobiology, 2005, 81, 517.	2.5	27
62	Comparison of Structural and Chemical Properties of Black and Red Human Hair Melanosomes. Photochemistry and Photobiology, 2005, 81, 135.	2.5	160
63	Comparisons of the Structural and Chemical Properties of Melanosomes Isolated from Retinal Pigment Epithelium, Iris and Choroid of Newborn and Mature Bovine Eyes. Photochemistry and Photobiology, 2005, 81, 510-516.	2.5	11
64	Encuentros Latinoamericanos de Fotoquímica y Fotobiología (ELAFOT): The Latin American Photochemical and Photobiological Community. Photochemistry and Photobiology, 2005, 81, 768-770.	2.5	0
65	Comparison of Structural and Chemical Properties of Black and Red Human Hair Melanosomes. Photochemistry and Photobiology, 2005, 81, 135-144.	2.5	20
66	Oxidation Potentials of Human Eumelanosomes and Pheomelanosomes. Photochemistry and Photobiology, 2005, 81, 145-148.	2.5	11
67	Oxidation Potentials of Human Eumelanosomes and Pheomelanosomes. Photochemistry and Photobiology, 2005, 81, 145.	2.5	67
68	Comparisons of the Structural and Chemical Properties of Melanosomes Isolated from Retinal Pigment Epithelium, Iris and Choroid of Newborn and Mature Bovine Eyes. Photochemistry and Photobiology, 2005, 81, 510.	2.5	79
69	Physical and Chemical Characterization of Iris and Choroid Melanosomes Isolated from Newborn and Mature Cows. Photochemistry and Photobiology, 2005, 81, 517-23.	2.5	10
70	Age-Related Changes in the Photoreactivity of Retinal Lipofuscin Granules: Role of Chloroform-Insoluble Components. Investigative Ophthalmology and Visual Science, 2004, 45, 1052-1060.	3.3	78
71	Ion-Exchange and Adsorption of Fe(III) by Sepia Melanin. Pigment Cell & Melanoma Research, 2004, 17, 262-269.	3.6	147
72	Photoionization Threshold of Eumelanosomes Determined Using UV Free Electron Laser. Photoelectron Emission Microscopy. Journal of Physical Chemistry B, 2004, 108, 16334-16338.	2.6	23

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73	Structure of the Ochratoxin A Binding Site within Human Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16960-16964.	2.6	20
74	Molecular Aspects of the Transport and Toxicity of Ochratoxin A. <i>Accounts of Chemical Research</i> , 2004, 37, 874-881.	15.6	38
75	Binding of Metal Ions to Melanin and Their Effects on the Aerobic Reactivity. <i>Photochemistry and Photobiology</i> , 2004, 80, 477.	2.5	68
76	Characterization of the Fe(III)-binding Site in Sepia Eumelanin by Resonance Raman Confocal Microspectroscopy. <i>Photochemistry and Photobiology</i> , 2004, 80, 84.	2.5	55
77	A2E: A Component of Ocular Lipofuscin. <i>Photochemistry and Photobiology</i> , 2004, 79, 127-136.	2.5	5
78	Characterization of the Fe(III)-binding Site in <i>Sepia</i> Eumelanin by Resonance Raman Confocal Microspectroscopy. <i>Photochemistry and Photobiology</i> , 2004, 80, 84-88.	2.5	6
79	Binding of Metal Ions to Melanin and Their Effects on the Aerobic Reactivity. <i>Photochemistry and Photobiology</i> , 2004, 80, 477-481.	2.5	19
80	A2E: A Component of Ocular Lipofuscin. <i>Photochemistry and Photobiology</i> , 2004, 79, 127.	2.5	98
81	Binding of Metal Ions to Melanin and Their Effects on the Aerobic Reactivity. <i>Photochemistry and Photobiology</i> , 2004, 80, 477.	2.5	19
82	Oxidation Potentials of Human Eumelanosomes and Pheomelanosomes. <i>Photochemistry and Photobiology</i> , 2004, 81, 145-8.	2.5	18
83	The Effect of Preparation Procedures on the Morphology of Melanin from the Ink Sac of <i>Sepia officinalis</i> . <i>Pigment Cell & Melanoma Research</i> , 2003, 16, 72-80.	3.6	96
84	Comparison of the Structural and Physical Properties of Human Hair Eumelanin Following Enzymatic or Acid/Base Extraction. <i>Pigment Cell & Melanoma Research</i> , 2003, 16, 355-365.	3.6	112
85	Isolation and Biophysical Studies of Natural Eumelanins: Applications of Imaging Technologies and Ultrafast Spectroscopy. <i>Pigment Cell & Melanoma Research</i> , 2003, 16, 606-618.	3.6	167
86	Subpicosecond Transient Dynamics in Gold Nanoparticles Encapsulated by a Fluorophore-Terminated Monolayer. <i>Journal of Physical Chemistry B</i> , 2003, 107, 1765-1771.	2.6	29
87	Binding of Ochratoxin A to Human Serum Albumin Stabilized by a Protein-Ligand Ion Pair. <i>Journal of Physical Chemistry B</i> , 2003, 107, 7884-7888.	2.6	31
88	Building Blocks of Eumelanin: Relative Stability and Excitation Energies of Tautomers of 5,6-Dihydroxyindole and 5,6-Indolequinone. <i>Journal of Physical Chemistry B</i> , 2003, 107, 7162-7171.	2.6	75
89	Binding of Ochratoxin A Derivatives to Human Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6644-6647.	2.6	36
90	Ultrafast absorption and photothermal studies of decarboxytrichochrome C in solution Dedicated to Professor Silvia Braslavsky, to mark her great contribution to photochemistry and photobiology particularly in the field of photothermal methods.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 821.	2.9	13

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91	Comparison of the Ultrafast Absorption Dynamics of Eumelanin and Pheomelanin. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11240-11244.	2.6	51
92	Spectroscopic and morphological studies of human retinal lipofuscin granules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3179-3184.	7.1	95
93	Ultrafast Energy Transfer from Bound Tetra(4-N,N,N,N-trimethylanilinium)porphyrin to Synthetic Dopa and Cysteinyldopa Melanins. <i>Photochemistry and Photobiology</i> , 2003, 77, 1.	2.5	21
94	The Action Spectrum for Generation of the Primary Intermediate Revealed by Ultrafast Absorption Spectroscopy Studies of Pheomelanin. <i>Photochemistry and Photobiology</i> , 2003, 77, 41.	2.5	9
95	Comparison of the Aerobic Photoreactivity of A2E with its Precursor Retinal. <i>Photochemistry and Photobiology</i> , 2003, 77, 253.	2.5	67
96	Photogeneration and Quenching of Reactive Oxygen Species by Urocanic Acid. <i>Journal of the American Chemical Society</i> , 2002, 124, 3461-3468.	13.7	38
97	Ultrafast Spectroscopic Study of Pheomelanin: Implications on the Mechanism of Superoxide Anion Formation. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6133-6135.	2.6	16
98	Interaction of Ochratoxin A with Human Serum Albumin. A Common Binding Site of Ochratoxin A and Warfarin in Subdomain IIA. <i>Journal of Physical Chemistry B</i> , 2002, 106, 460-465.	2.6	73
99	Interaction of Ochratoxin A with Human Serum Albumin. Preferential Binding of the Dianion and pH Effects. <i>Journal of Physical Chemistry B</i> , 2002, 106, 452-459.	2.6	211
100	Action spectra for the photoconsumption of oxygen by human ocular lipofuscin and lipofuscin extracts. <i>Archives of Biochemistry and Biophysics</i> , 2002, 403, 59-62.	3.0	43
101	Interaction of ochratoxin A with human serum albumin. Binding sites localized by competitive interactions with the native protein and its recombinant fragments. <i>Chemico-Biological Interactions</i> , 2002, 141, 275-293.	4.0	60
102	Aggregation of eumelanin mitigates photogeneration of reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2002, 32, 720-730.	2.9	72
103	Establishing structure-function relationships for eumelanin. <i>Biopolymers</i> , 2002, 67, 302-305.	2.4	34
104	The pH-Dependent Primary Photoreactions of Ochratoxin A. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11369-11376.	2.6	35
105	Ultrastructural Organization of Eumelanin from <i>Sepia officinalis</i> Measured by Atomic Force Microscopy. <i>Biochemistry</i> , 2001, 40, 13353-13360.	2.5	193
106	Retinyl Palmitate and the Blue-Light-Induced Phototoxicity of Human Ocular Lipofuscin. <i>Archives of Biochemistry and Biophysics</i> , 2001, 393, 316-320.	3.0	31
107	Time-Resolved Spectroscopic Studies of Radiationless Decay Processes in Photoexcited Hemocyanins. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1478-1483.	2.6	8
108	Ultrafast Nonradiative Relaxation Dynamics of Eumelanin. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2864-2866.	2.6	82

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109	Primary Photophysical Properties of A2E in Solution. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11507-11512.	2.6	39
110	Radiative Relaxation of Sepia Eumelanin is Affected by Aggregation. <i>Photochemistry and Photobiology</i> , 2001, 74, 31.	2.5	60
111	Radiative Relaxation of Sepia Eumelanin is Affected by Aggregation. <i>Photochemistry and Photobiology</i> , 2001, 74, 31-37.	2.5	7
112	Probing the Spatial Dependence of the Emission Spectrum of Single Human Retinal Lipofuscin Granules Using Near-field Scanning Optical Microscopy. <i>Photochemistry and Photobiology</i> , 2001, 74, 364.	2.5	18
113	Probing the Building Blocks of Eumelanins Using Scanning Electron Microscopy. <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 179-184.	3.6	68
114	Design and Applications of Rapid-Scan Spectrally Resolved Fluorescence Microscopy. <i>Applied Spectroscopy</i> , 2000, 54, 1727-1733.	2.2	11
115	A Model for the Activated Energy Transfer within Eumelanin Aggregates. <i>Journal of Physical Chemistry B</i> , 2000, 104, 811-814.	2.6	36
116	Atomic Force Microscopy and Near-Field Scanning Optical Microscopy Measurements of Single Human Retinal Lipofuscin Granules. <i>Journal of Physical Chemistry B</i> , 2000, 104, 12098-12101.	2.6	34
117	Spectroscopic and Dynamic Studies of the Epidermal Chromophores trans-Urocanic Acid and Eumelanin. <i>Accounts of Chemical Research</i> , 2000, 33, 307-313.	15.6	102
118	A Hierarchical Self-Assembly of Eumelanin. <i>Journal of Physical Chemistry B</i> , 2000, 104, 7871-7873.	2.6	75
119	A unique optical arrangement for obtaining spectrally resolved confocal images. <i>Review of Scientific Instruments</i> , 1999, 70, 3351-3354.	1.3	15
120	Mechanism for the Photochemical Production of Superoxide by Quinacrine. <i>Journal of Physical Chemistry B</i> , 1999, 103, 3963-3964.	2.6	22
121	Explanation for the Disparity among Absorption and Action Spectra of Eumelanin. <i>Journal of Physical Chemistry B</i> , 1999, 103, 11428-11432.	2.6	92
122	Experimental Verification of the Through-Bond Mechanisms of Electron Transfer in Bridged Donor-Acceptor Complexes. <i>Journal of Physical Chemistry A</i> , 1999, 103, 2740-2743.	2.5	18
123	Comparison of the Photoinduced Electron Transfer Reaction in a Rigid Cyclophane and Its Corresponding Bimolecular Donor/Acceptor Complex. <i>Journal of Physical Chemistry A</i> , 1999, 103, 10220-10225.	2.5	2
124	The Origin of the Wavelength-Dependent Photoreactivity of Trans-Urocanic Acid. <i>Photochemistry and Photobiology</i> , 1998, 67, 538-540.	2.5	29
125	Wavelength-dependent Photoacoustic Calorimetry Study of Melanin. <i>Photochemistry and Photobiology</i> , 1998, 68, 296-298.	2.5	65
126	Wavelength-dependent Photoacoustic Calorimetry Study of Melanin. <i>Photochemistry and Photobiology</i> , 1998, 68, 296.	2.5	3

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127	A Spectroscopic Study of the Epidermal Ultraviolet Chromophore trans-Urocanic Acid. <i>Journal of the American Chemical Society</i> , 1997, 119, 2715-2721.	13.7	53
128	Primary Processes of the Electronic Excited States of trans-Urocanic Acid. <i>Journal of Physical Chemistry A</i> , 1997, 101, 969-972.	2.5	23
129	The Photochemical Isomerization Kinetics of Urocanic Acid and Their Effects upon the in vitro and in vivo Photoisomerization Action Spectra. <i>Photochemistry and Photobiology</i> , 1997, 66, 817-820.	2.5	10
130	Isotropic and anisotropic intermolecular dynamics of liquids studied by femtosecond position-sensitive Kerr lens spectroscopy. <i>Journal of Chemical Physics</i> , 1997, 106, 8639-8649.	3.0	28
131	Intermolecular spectral densities of liquids: A quantitative comparison of time-domain and frequency-domain techniques. <i>Journal of Chemical Physics</i> , 1996, 104, 962-966.	3.0	31
132	Ultrafast Dynamics of Chlorine Dioxide Photochemistry in Water Studied by Femtosecond Transient Absorption Spectroscopy. <i>The Journal of Physical Chemistry</i> , 1996, 100, 6406-6411.	2.9	48
133	Complete Determination of Intermolecular Spectral Densities of Liquids Using Position-Sensitive Kerr Lens Spectroscopy. <i>The Journal of Physical Chemistry</i> , 1996, 100, 8613-8616.	2.9	39
134	Probing the Intermolecular Dynamics of Liquids by Femtosecond Spectroscopy. , 1996, , 79-83.		0
135	Photoinduzierte Valenztautomerie bei Cobaltkomplexen mit Semichinon-Anion-Liganden: Dynamik der High-Spin/Low-Spin-Komplex-Umwandlung [Co ^{II} (3,5-dtbsq) ₂] ⁺ \leftrightarrow [Co ^{III} (3,5-dtbsq)(3,5-dtbcac)]. <i>Angewandte Chemie</i> , 1995, 107, 1580-1582.	2.0	27
136	Probing the effects of electrolytes on intermolecular interactions in solution by optical-heterodyne detected Raman-induced kerr effect spectroscopy (OHD-RIKESH). <i>Journal of Raman Spectroscopy</i> , 1995, 26, 523-526.	2.5	8
137	Photoinduced Valence Tautomerism in Cobalt Complexes Containing Semiquinone Anion as Ligand: Dynamics of the High-Spin[CoII(3,5-dtbsq) ₂] to Low-Spin[CoIII(3,5-dtbsq)(3,5-dtbcac)] Interconversion. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1481-1483.	4.4	92
138	Structure and dynamics of molecular liquids investigated by optical-heterodyne detected Raman-induced Kerr effect spectroscopy (OHD-RIKES). <i>Chemical Physics Letters</i> , 1995, 240, 72-78.	2.6	53
139	Optical heterodyne detection of impulsive stimulated Raman scattering in liquids. <i>The Journal of Physical Chemistry</i> , 1995, 99, 7857-7859.	2.9	54
140	Electron transfer in the Marcus inverted region: Experiment and adiabatic tunneling mechanism. <i>Journal of Chemical Physics</i> , 1994, 101, 6640-6647.	3.0	11
141	Non-Markovian optical dephasing dynamics in room temperature liquids investigated by femtosecond transient absorption spectroscopy: Theory and experiment. <i>Journal of Chemical Physics</i> , 1994, 100, 7855-7866.	3.0	73
142	Ultrafast electronic dephasing dynamics of large molecules in room temperature liquids studied by variable pulse-width tunable femtosecond transient absorption spectroscopy. <i>Journal of Luminescence</i> , 1994, 60-61, 699-702.	3.1	4
143	Dynamics of chemical processes in polar solvents. <i>Nature</i> , 1994, 370, 263-269.	27.8	198
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