Salvatore Sortino

List of Publications by Year
in descending order

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238	7,351	66343	88630
papers	citations	42 h-index	70 g-index

248	248	248	7360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A sensitivity-enhanced field-effect chiralÂsensor. Nature Materials, 2008, 7, 412-417.	27.5	404
2	Chromogenic Oxazines for Cyanide Detection. Journal of Organic Chemistry, 2006, 71, 744-753.	3.2	265
3	Light-controlled nitric oxide delivering molecular assemblies. Chemical Society Reviews, 2010, 39, 2903.	38.1	239
4	Photoactivated nanomaterials for biomedical release applications. Journal of Materials Chemistry, 2012, 22, 301-318.	6.7	197
5	Photodelivery of Nitric Oxide from Water-Soluble Platinum Nanoparticles. Journal of the American Chemical Society, 2007, 129, 480-481.	13.7	135
6	Fast and Stable Photochromic Oxazines. Journal of Organic Chemistry, 2005, 70, 8180-8189.	3.2	132
7	Photoactivatable Fluorophores for Super-Resolution Imaging Based on Oxazine Auxochromes. Journal of Physical Chemistry C, 2012, 116, 6058-6068.	3.1	123
8	Photochemistry of 2-(3-benzoylphenyl)propionic acid (ketoprofen) Part 1A picosecond and nanosecond time resolved study in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 2269-2275.	1.7	121
9	A Fast and Stable Photochromic Switch Based on the Opening and Closing of an Oxazine Ring. Organic Letters, 2005, 7, 1109-1112.	4.6	117
10	Photoresponsive polymer nanocarriers with multifunctional cargo. Chemical Society Reviews, 2014, 43, 4167-4178.	38.1	114
11	Photoprocesses of photosensitizing drugs within cyclodextrin cavities. Chemical Society Reviews, 2002, 31, 287-300.	38.1	105
12	Nanoparticles of cationic amphiphilic cyclodextrins entangling anionic porphyrins as carrier-sensitizer system in photodynamic cancer therapy. Biomaterials, 2006, 27, 4256-4265.	11.4	104
13	Multifaceted Photoreactivity of 6-Fluoro-7-aminoquinolones from the Lowest Excited States in Aqueous Media: A Study by Nanosecond and Picosecond Spectroscopic Techniques. Chemistry - A European Journal, 2001, 7, 2185-2196.	3.3	78
14	Carbon quantum dotâ€“NO photoreleaser nanohybrids for two-photon phototherapy of hypoxic tumors. Chemical Communications, 2015, 51, 81-84.	4.1	76
15	Fast and Stable Photochromic Oxazines for Fluorescence Switching. Langmuir, 2011, 27, 11773-11783.	3.5	73
16	An engineered nanoplatform for bimodal anticancer phototherapy with dual-color fluorescence detection of sensitizers. Chemical Communications, 2013, 49, 4459.	4.1	73
17	Aligning Singleâ€Walled Carbon Nanotubes By Means Of Langmuirâ€“Blodgett Film Deposition: Optical, Morphological, and Photoâ€electrochemical Studies. Advanced Functional Materials, 2010, 20, 2481-2488.	14.9	70
18	Hyaluronan-decorated polymer nanoparticles targeting the CD44 receptor for the combined photo/chemo-therapy of cancer. Nanoscale, 2015, 7, 5643-5653.	5.6	70

#	Article	IF	Citations
19	Potentiometric, spectroscopic and antioxidant activity studies of SOD mimics containing carnosine. Dalton Transactions, 2003, , 4406-4415.	3.3	66
20	Light-Controlled Nitric Oxide Generation from a Novel Self-Assembled Monolayer on a Gold Surface This work was supported by MURST â€œcofinanziamento di programmi di ricerca di rilevante interesse nazionaleâ€•(Project: Mechanisms of Photoinduced Processes in Organized Systems). We also thank Prof. S. Giuffrida for his critical reading of the manuscript, Prof. V. Amico for his useful suggestions, and the referees for constructive comments.. Angewandte Chemie - International Edition, 2002, 41, 1914.	13.8	64
21	Bichromophoric Photochromes Based on the Opening and Closing of a Single Oxazine Ring. Journal of Organic Chemistry, 2008, 73, 118-126.	3.2	64
22	Langmuirâ€“Blodgett and layer-by-layer films of photoactive fullereneâ€“porphyrin dyads. Journal of Materials Chemistry, 2004, 14, 303-309.	6.7	63
23	Inclusion of 5-[4-(1-Dodecanoylpyridinium)]-10,15,20-triphenylporphine in Supramolecular Aggregates of Cationic Amphiphilic Cyclodextrins: Physicochemical Characterization of the Complexes and Strengthening of the Antimicrobial Photosensitizing Activity. Biomacromolecules, 2009, 10, 2592-2600.	5.4	62
24	Fluorescence Switching with a Photochromic Auxochrome. Journal of Physical Chemistry Letters, 2010, 1, 3506-3509.	4.6	62
25	pH Effects on the Spectroscopic and Photochemical Behavior of Enoxacin: A Steady-State and Time-Resolved Study. Photochemistry and Photobiology, 1998, 67, 167.	2.5	62
26	Photodecarboxylation of Ketoprofen in Aqueous Solution. A Time-resolved Laser-induced Optoacoustic StudyÂ¶. Photochemistry and Photobiology, 2000, 72, 163.	2.5	62
27	Synthesis and Properties of Benzophenoneâ^'Spiropyran and Naphthaleneâ^'Spiropyran Conjugates. Journal of Organic Chemistry, 2007, 72, 595-605.	3.2	61
28	The Photochemistry of Flutamide and its Inclusion Complex with Î²-Cyclodextrin. Dramatic Effect of the Microenvironment on the Nature and on the Efficiency of the Photodegradation PathwaysÂ¶. Photochemistry and Photobiology, 2001, 73, 6.	2.5	59
29	Combination of PDT photosensitizers with NO photodononors. Photochemical and Photobiological Sciences, 2018, 17, 1709-1727.	2.9	57
30	Novel Self-Assembled Monolayers of Dipolar Ruthenium(III/II) Pentaammine(4,4â€˜-bipyridinium) Complexes on Ultrathin Platinum Films as Redox Molecular Switches. Journal of the American Chemical Society, 2003, 125, 1122-1123.	13.7	54
31	Supramolecular photochemistry of 2-(3-benzoylphenyl)propionic acid (Ketoprofen). A study in the Î²-cyclodextrin cavity. New Journal of Chemistry, 1998, 22, 599-604.	2.8	53
32	Substituent Effects on the Photochromism of Bichromophoric Oxazines. Journal of Physical Chemistry C, 2009, 113, 8491-8497.	3.1	53
33	Pluronic® P123/F127 mixed micelles delivering sorafenib and its combination with verteporfin in cancer cells. International Journal of Nanomedicine, 2016, Volume 11, 4479-4494.	6.7	53
34	A Cyclodextrinâ€Based Nanoassembly with Bimodal Photodynamic Action. Chemistry - A European Journal, 2012, 18, 1684-1690.	3.3	52
35	Photoinduced Fluorescence Activation and Nitric Oxide Release with Biocompatible Polymer Nanoparticles. Chemistry - A European Journal, 2012, 18, 15782-15787.	3.3	51
36	Photoswitchable Fluorescent Dyads Incorporating BODIPY and [1,3]Oxazine Components. Journal of Physical Chemistry A, 2010, 114, 11567-11575.	2.5	50

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37	Two-Photon Fluorescence Imaging and Bimodal Phototherapy of Epidermal Cancer Cells with Biocompatible Self-Assembled Polymer Nanoparticles. Biomacromolecules, 2014, 15, 1768-1776.	5.4	50
38	Thin Film Construction and Characterization and Gas-Sensing Performances of a Tailored Phenyleneâ^'Thienylene Copolymer. Journal of the American Chemical Society, 2003, 125, 9055-9061.	13.7	46
39	Monitoring photoswitching of azobenzene-based self-assembled monolayers on ultrathin platinum films by UV/Vis spectroscopy in the transmission modeElectronic supplementary information (ESI) available: synthesis and characterization of 1 and its photoisomerization in solution. See http://www.rsc.org/suppdata/jm/b3/b314710j/. Journal of Materials Chemistry, 2004, 14, 811.	6.7	46
40	Molecular interactions, characterization and photoactivity of Chlorophyll a/chitosan/2-HP-Î²-cyclodextrin composite films as functional and active surfaces for ROS production. Food Hydrocolloids, 2016, 58, 98-112.	10.7	45
41	Amplified nitric oxide photorelease in DNA proximity. Chemical Communications, 2008, , 1971.	4.1	43
42	Silane Meets Click Chemistry: Towards the Functionalization of Wet Bacterial Cellulose Sheets. ChemSusChem, 2015, 8, 680-687.	6.8	43
43	Photophysical Properties of Rufloxacin in Neutral Aqueous Solution. Photochemistry and Photobiology, 1999, 70, 731-736.	2.5	42
44	Fast Fluorescence Photoswitching in a BODIPYâ^'Oxazine Dyad with Excellent Fatigue Resistance. Journal of Physical Chemistry Letters, 2010, 1, 1690-1693.	4.6	42
45	Molecular mechanism of drug photosensitization 5. Photohemolysis sensitized by Suprofen. Journal of Photochemistry and Photobiology B: Biology, 1994, 23, 125-133.	3.8	41
46	Synthesis of New Carnosine Derivatives ofÎ²-Cyclodextrin and Their Hydroxyl Radical Scavenger Ability. Helvetica Chimica Acta, 2002, 85, 1633-1643.	1.6	41
47	Polystyrene Nanofiber Materials for Visible-Light-Driven Dual Antibacterial Action via Simultaneous Photogeneration of NO and O₂(¹Î”_g). ACS Applied Materials & Interfaces, 2015, 7, 22980-22989.	8.0	41
48	A bactericidal calix[4]arene-based nanoconstruct with amplified NO photorelease. Organic and Biomolecular Chemistry, 2016, 14, 8047-8052.	2.8	40
49	Highly photoresponsive monolayer-protected gold clusters by self-assembly of a cyclodextrinâ€“azobenzene-derived supramolecular complex. Chemical Communications, 2006, , 1009.	4.1	39
50	Optically Transparent, Ultrathin Pt Films as Versatile Metal Substrates for Molecular Optoelectronics. Advanced Functional Materials, 2006, 16, 1425-1432.	14.9	39
51	Light-Regulated NO Release as a Novel Strategy To Overcome Doxorubicin Multidrug Resistance. ACS Medicinal Chemistry Letters, 2017, 8, 361-365.	2.8	39
52	Nitric oxide photocaging platinum nanoparticles with anticancer potential. Journal of Materials Chemistry, 2008, 18, 5531.	6.7	38
53	Langmuirâ€“Schaefer Films for Aligned Carbon Nanotubes Functionalized with a Conjugate Polymer and Photoelectrochemical Response Enhancement. ACS Applied Materials & Interfaces, 2014, 6, 153-158.	8.0	38
54	Perylene Bisimide Aggregates as Probes for Subnanomolar Discrimination of Aromatic Biogenic Amines. ACS Applied Materials & Interfaces, 2019, 11, 17079-17089.	8.0	38

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55	MOLECULAR MECHANISM OF DRUG PHOTOSENSITIZATION 7. PHOTOCLEAVAGE OF DNA SENSITIZED BY SUPROFEN. Photochemistry and Photobiology, 1995, 62, 155-161.	2.5	37
56	Complexes between fluoroquinolones and calf thymus DNA: binding mode and photochemical reactivity. New Journal of Chemistry, 2002, 26, 250-258.	2.8	37
57	Piezoelectric sensor functionalised by a self-assembled bipyridinium derivative: characterisation and preliminary applications in the detection of heavy metal ions. Biosensors and Bioelectronics, 2004, 20, 1190-1195.	10.1	37
58	Photoactivable Platforms for Nitric Oxide Delivery with Fluorescence Imaging. Chemistry - an Asian Journal, 2015, 10, 1116-1125.	3.3	37
59	Photoresponsive multilayer films by assembling cationic amphiphilic cyclodextrins and anionic porphyrins at the air/water interface. Journal of Materials Chemistry, 2007, 17, 1660.	6.7	36
60	Nanostructured molecular films and nanoparticles with photoactivable functionalities. Photochemical and Photobiological Sciences, 2008, 7, 911.	2.9	36
61	A multi-photoresponsive supramolecular hydrogel with dual-color fluorescence and dual-modal photodynamic action. Journal of Materials Chemistry B, 2014, 2, 3443-3449.	5.8	36
62	New insight on the photoreactivity of the phototoxic anti-cancer flutamide: photochemical pathways selectively locked and unlocked by structural changes upon drug compartmentalization in phospholipid bilayer vesicles. Chemical Communications, 2001, , 1226-1227.	4.1	35
63	Fast Fluorescence Switching within Hydrophilic Supramolecular Assemblies. Chemistry - A European Journal, 2012, 18, 10399-10407.	3.3	35
64	Binding and photochemistry of enantiomeric 2-(3-benzoylphenyl)propionic acid (ketoprofen) in the human serum albumin environment. Photochemical and Photobiological Sciences, 2007, 6, 462-470.	2.9	34
65	Amplification of the Coloration Efficiency of Photochromic Oxazines. Advanced Materials, 2008, 20, 832-835.	21.0	34
66	A new family of photochromic compounds based on the photoinduced opening and thermal closing of [1,3]oxazine rings. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 44-49.	3.9	34
67	Photochromic Oxazines with Extended Conjugation. European Journal of Organic Chemistry, 2009, 2009, 4333-4339.	2.4	34
68	New Insight into Solvent Effects on theFormal HOO. + HOO. Reaction. Chemistry - A European Journal, 2005, 11, 1942-1948.	3.3	33
69	Spectroscopic and self-association behavior of a porphyrin-Î²-cyclodextrin conjugate. New Journal of Chemistry, 2007, 31, 1499.	2.8	33
70	Insights into the isomerization of photochromic oxazines from the excitation dynamics of BODIPYâ€“oxazine dyads. Physical Chemistry Chemical Physics, 2012, 14, 10300.	2.8	33
71	Novel Photoactive Self-Assembled Monolayer for Immobilization and Cleavage of DNA. Langmuir, 2003, 19, 536-539.	3.5	32
72	Ethane-Bridged Zn Porphyrins Dimers in Langmuirâ€“SchÃfer Thin Films: Spectroscopic, Morphologic, and Magneto-Optical Surface Plasmon Resonance Characterization. Journal of Physical Chemistry C, 2012, 116, 10734-10742.	3.1	32

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73	Spectroscopic Investigation of the Selective Interaction of Mercuric and Cupric Ions with a Porphyrin Active Layer. Journal of Physical Chemistry C, 2014, 118, 12384-12390.	3.1	32
74	A Nonmetalâ€Containing Nitric Oxide Donor Activated with Singleâ€Photon Green Light. Chemistry - A European Journal, 2017, 23, 9026-9029.	3.3	32
75	A multifunctional nanoassembly of mesogen-bearing amphiphiles and porphyrins for the simultaneous photodelivery of nitric oxide and singlet oxygen. Chemical Communications, 2007, , 5028.	4.1	31
76	Light-triggered DNA release by dynamic monolayer films. New Journal of Chemistry, 2008, 32, 1899.	2.8	31
77	Antioxidant effect of inorganic ions on UVC and UVB induced lipid peroxidation. Journal of Inorganic Biochemistry, 1995, 59, 1-13.	3.5	30
78	Facile Light-Triggered One-Step Synthesis of Small and Stable Platinum Nanoparticles in an Aqueous Medium from a Î²-Cyclodextrin Hostâ^'Guest Inclusion Complexâ€. Inorganic Chemistry, 2006, 45, 508-510.	4.0	30
79	Photochromic Polymers Based on the Photoinduced Opening and Thermal Closing of [1,3]Oxazine Rings. Advanced Functional Materials, 2009, 19, 3956-3961.	14.9	30
80	A polymer-based nanodevice for the photoregulated release of NO with two-photon fluorescence reporting in skin carcinoma cells. Journal of Materials Chemistry B, 2014, 2, 1190.	5.8	30
81	The supramolecular design of low-dimensional carbon nano-hybrids encoding a polyoxometalate-bis-pyrene tweezer. Chemical Communications, 2014, 50, 4881-4883.	4.1	30
82	Lightâ€Tunable Generation of Singlet Oxygen and Nitric Oxide with a Bichromophoric Molecular Hybrid: a Bimodal Approach to Killing Cancer Cells. ChemMedChem, 2016, 11, 1371-1379.	3.2	30
83	Multivalent mesoporous silica nanoparticles photo-delivering nitric oxide with carbon dots as fluorescence reporters. Nanoscale, 2017, 9, 13404-13408.	5.6	30
84	Ethane-Bridged Zinc Porphyrin Dimers in Langmuirâ^'ShÃfer Thin Films:Â Structural and Spectroscopic Properties. Journal of Physical Chemistry B, 2006, 110, 4691-4698.	2.6	29
85	Electrochemical Switching of Chromogenic Monolayers Self-Assembled on Transparent Platinum Electrodes. Advanced Materials, 2005, 17, 1390-1393.	21.0	28
86	Plasmonic Activation of a Fluorescent Carbazoleâ€“Oxazine Switch. Chemistry - A European Journal, 2014, 20, 10276-10284.	3.3	28
87	A phototherapeutic fluorescent Î²-cyclodextrin branched polymer delivering nitric oxide. Biomaterials Science, 2019, 7, 2272-2276.	5.4	28
88	Laser flash photolysis study of photoionization in fluoroquinolones. Photochemical and Photobiological Sciences, 2002, 1, 877-881.	2.9	27
89	Fluorescent Self-Assembled Monolayers of Bis(salicylaldiminato)zinc(II) Schiff-Base Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 4561-4565.	2.0	27
90	Binding of a chiral drug to a protein: an investigation of the 2-(3-benzoylphenyl)propionic acid/bovine serum albumin system by circular dichroism and fluorescence. Physical Chemistry Chemical Physics, 2005, 7, 4002.	2.8	27

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91	Promising Piezoelectric Properties of New ZnO@Octadecylamine Adduct. Journal of Physical Chemistry C, 2015, 119, 20143-20149.	3.1	27
92	Photo-antimicrobial polymeric films releasing nitric oxide with fluorescence reporting under visible light. Journal of Materials Chemistry B, 2016, 4, 5138-5143.	5.8	27
93	Antioxidant effect of copper(II) on photosensitized lipid peroxidation. Journal of Inorganic Biochemistry, 1995, 57, 115-125.	3.5	26
94	Diastereoselectivity and Site Dependency in the Photochemistry of Ketoprofen in the Bovine Serum Albumin Matrixâ€. Photochemistry and Photobiology, 2006, 82, 13.	2.5	26
95	Copper(II) complexes with Î²-cyclodextrinâ€“homocarnosine conjugates and their antioxidant activity. Inorganica Chimica Acta, 2007, 360, 945-954.	2.4	26
96	Langmuir-SchÃfer Films of Functional Amphiphilic Nickel(II) and Zinc(II) Schiff Base Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 5228-5234.	2.0	26
97	Synâ€“anti conformation switching of a bis-porphyrin derivative at the airâ€“water interface and in the solid state as an effective tool for chemical sensing. Soft Matter, 2013, 9, 2302.	2.7	26
98	Phototherapeutic Release of Nitric Oxide with Engineered Nanoconstructs. Topics in Current Chemistry, 2016, 370, 225-257.	4.0	26
99	Fluorescent Nitric Oxide Photodonors Based on BODIPY and Rhodamine Antennae. Chemistry - A European Journal, 2019, 25, 11080-11084.	3.3	26
100	Irreversible photo-oxidation of propranolol triggered by self-photogenerated singlet molecular oxygen. Photochemical and Photobiological Sciences, 2002, 1, 136-140.	2.9	25
101	A NO photoreleasing supramolecular hydrogel with bactericidal action. Journal of Materials Chemistry B, 2013, 1, 3458.	5.8	25
102	Spectroscopic characterization and photochemical behavior of hostâ€“guest complexes between Î²-cyclodextrin and drugs containing a biphenyl-like chromophore. New Journal of Chemistry, 2001, 25, 707-713.	2.8	24
103	Identification of Ros Produced by Photodynamic Activity of Chlorophyll/Cyclodextrin Inclusion Complexes. Photochemistry and Photobiology, 2013, 89, 432-441.	2.5	24
104	Synthesis, characterization and photo-bactericidal activity of silanized xanthene-modified bacterial cellulose membranes. Cellulose, 2015, 22, 3291-3304.	4.9	24
105	Overcoming Doxorubicin Resistance with Lipidâ€“Polymer Hybrid Nanoparticles Photoreleasing Nitric Oxide. Molecular Pharmaceutics, 2020, 17, 2135-2144.	4.6	24
106	Synthesis and antioxidant activity of new homocarnosine Î²-cyclodextrin conjugates. European Journal of Medicinal Chemistry, 2007, 42, 910-920.	5.5	23
107	Dualâ€Function Multilayers for the Photodelivery of Nitric Oxide and Singlet Oxygen. ChemPhysChem, 2009, 10, 3077-3082.	2.1	23
108	Straightforward green synthesis of â€œnakedâ€•aqueous silver nanoparticles. Chemical Communications, 2009, , 4055.	4.1	23

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109	Bichromophoric multilayer films for the light-controlled generation of nitric oxide and singlet oxygen. Journal of Materials Chemistry, 2009, 19, 8253.	6.7	23
110	Phototoxicity of Naphazoline. Evidence That Hydrated Electrons, Nitrogen-Centered Radicals, and OH Radicals Trigger DNA Damage:â€‰ A Combined Photocleavage and Laser Flash Photolysis Study. Chemical Research in Toxicology, 1999, 12, 971-978.	3.3	22
111	Photochemical outcome modification of diflunisal by a novel cationic amphiphilic cyclodextrin. New Journal of Chemistry, 2003, 27, 602-608.	2.8	22
112	Synthesis and biological activity of novel bifunctional isoxazolidinyl polycyclic aromatic hydrocarbons. Bioorganic and Medicinal Chemistry, 2012, 20, 4978-4984.	3.0	22
113	Carbon nanodot-based heterostructures for improving the charge separation and the photocurrent generation. Nanoscale, 2019, 11, 7414-7423.	5.6	22
114	A molecular hybrid producing simultaneously singlet oxygen and nitric oxide by single photon excitation with green light. Bioorganic Chemistry, 2019, 85, 18-22.	4.1	22
115	Selective Entrapment of the Cationic Form of Norfloxacin within Anionic Sodium Dodecyl Sulfate Micelles at Physiological pH and its Effect on the Drug Photodecompositionâ€. Photochemistry and Photobiology, 2006, 82, 64.	2.5	21
116	Efficient stabilization of natural curcuminoids mediated by oil body encapsulation. RSC Advances, 2013, 3, 5422.	3.6	21
117	Supramolecular activation of the photodynamic properties of porphyrinoid photosensitizers by calix[4]arene nanoassemblies. RSC Advances, 2016, 6, 105573-105577.	3.6	21
118	Molecular mechanisms of photosensitization XIII: a combined differential scanning calorimetry and DNA photosensitization study in non steroidal antiinflammatory drugsâ€“DNA interaction. International Journal of Pharmaceutics, 1999, 184, 21-33.	5.2	20
119	Reversible Light-Driven Redox Switching of Multifunctional Dipolar Ruthenium(III/II) Pentaammine(4,4â€˜-bipyridinium) Complexes. Journal of the American Chemical Society, 2003, 125, 5610-5611.	13.7	20
120	Binding of a non-ionic pyrenylisoxazolidine derivative to double-stranded polynucleotides: spectroscopic and molecular modelling studies. New Journal of Chemistry, 2006, 30, 554.	2.8	20
121	â€œCatch-and-releaseâ€•of porphyrins by photoswitchable self-assembled monolayers. Journal of Materials Chemistry, 2007, 17, 4184.	6.7	20
122	Gold nanoparticles decorated with a photoactivable nitric oxide donor/cyclodextrin host/guest complex. New Journal of Chemistry, 2011, 35, 52-56.	2.8	20
123	Synthesis and properties of molecular switches based on the opening and closing of oxazine rings. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 229, 20-28.	3.9	20
124	Supramolecular nanoreactors for intracellular singlet-oxygen sensitization. Nanoscale, 2015, 7, 14071-14079.	5.6	20
125	Biocompatible nanoparticles of amphiphilic cyclodextrins entangling porphyrins as suitable vessels for light-induced energy and electron transfer. Journal of Materials Chemistry, 2008, 18, 802.	6.7	19
126	Design of photosensitizer/cyclodextrin nanoassemblies: spectroscopy, intracellular delivery and photodamage. Journal of Porphyrins and Phthalocyanines, 2010, 14, 661-677.	0.8	19

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127	Lightâ€Activated Release of Nitric Oxide with Fluorescence Reporting in Living Cells. ChemMedChem, 2011, 6, 1551-1554.	3.2	19
128	A Hostâ€“Guest Supramolecular Complex with Photoregulated Delivery of Nitric Oxide and Fluorescence Imaging Capacity in Cancer Cells. Chemistry - an Asian Journal, 2012, 7, 2888-2894.	3.3	19
129	Enhancing doxorubicin anticancer activity with a novel polymeric platform photoreleasing nitric oxide. Biomaterials Science, 2020, 8, 1329-1344.	5.4	19
130	A â€œDualâ€Functionâ€•Photocage Releasing Nitric Oxide and an Anthrylmethyl Cation with a Single Wavelength Light. Chemistry - A European Journal, 2009, 15, 6802-6806.	3.3	18
131	Hydrophilic and photochromic switches based on the opening and closing of [1,3]oxazine rings. Photochemical and Photobiological Sciences, 2010, 9, 136-140.	2.9	18
132	A Multifunctional Bichromophoric Nanoaggregate for Fluorescence Imaging and Simultaneous Photogeneration of RNOS and ROS. Chemistry - an Asian Journal, 2013, 8, 2634-2641.	3.3	18
133	Polymer nanoparticles with electrostatically loaded multicargo for combined cancer phototherapy. Journal of Materials Chemistry B, 2015, 3, 3001-3010.	5.8	18
134	Confined photo-release of nitric oxide with simultaneous two-photon fluorescence tracking in a cellular system. Scientific Reports, 2018, 8, 9753.	3.3	18
135	The role of the central metal ion of ethane-bridged bis-porphyrins in histidine sensing. Journal of Colloid and Interface Science, 2019, 533, 762-770.	9.4	18
136	QCM sensors for aqueous phenols based on active layers constituted by tetrapyrrolic macrocycle Langmuir films. Journal of Porphyrins and Phthalocyanines, 2009, 13, 1129-1139.	0.8	17
137	Sâ€Nitrosoâ€Î²â€Cyclodextrins as New Bimodal Carriers: Preparation, Detailed Characterization, Nitricâ€Oxide Release, and Molecular Encapsulation. Chemistry - an Asian Journal, 2013, 8, 2768-2778.	3.3	17
138	Hydrophobin as a Nanolayer Primer That Enables the Fluorinated Coating of Poorly Reactive Polymer Surfaces. Advanced Materials Interfaces, 2015, 2, 1500170.	3.7	17
139	Rose Bengal-photosensitized oxidation of 4-thiothymidine in aqueous medium: evidence for the reaction of the nucleoside with singlet state oxygen. Physical Chemistry Chemical Physics, 2015, 17, 26307-26319.	2.8	17
140	A Threeâ€Color Fluorescent Supramolecular Nanoassembly of Phototherapeutics Activable by Twoâ€Photon Excitation with Nearâ€Infrared Light. Chemistry - A European Journal, 2019, 25, 7091-7095.	3.3	17
141	Molecular mechanism of drug photosensitization: VIII. Effect of inorganic ions on membrane damage photosensitized by naproxen. Journal of Inorganic Biochemistry, 1996, 63, 253-263.	3.5	16
142	Langmuirâ€“SchÃfer films of a new calix[4]pyrrole-based macrocycle exhibiting induced chirality upon binding with chiral alcohol vapours. New Journal of Chemistry, 2003, 27, 615.	2.8	16
143	Bifunctional nanoparticle assemblies: photoluminescent and nitric oxide photodelivering monolayer protected platinum clusters. New Journal of Chemistry, 2008, 32, 2195.	2.8	16
144	Nitric oxide photoreleasing multilayer films. Journal of Materials Chemistry, 2008, 18, 2437.	6.7	16

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145	A photoswitchable bichromophoric oxazine with fast switching speeds and excellent fatigue resistance. Canadian Journal of Chemistry, 2011, 89, 110-116.	1.1	16
146	Conformational switching in bis(zinc porphyrin) Langmuirâ€“Schaefer film as an effective tool for selectively sensing aromatic amines. Journal of Colloid and Interface Science, 2012, 385, 282-284.	9.4	16
147	Layer-by-layer assembled gold nanoparticles with a tunable payload of a nitric oxide photocage. Journal of Colloid and Interface Science, 2013, 407, 524-528.	9.4	16
148	Design, Synthesis, and Antibacterial Activity of a Multivalent Polycationic Calix[4]areneâ€“NO Photodonor Conjugate. ACS Medicinal Chemistry Letters, 2017, 8, 881-885.	2.8	16
149	Straightforward Light-Driven Synthesis of Ultrasmall, Water-Soluble Monolayer-Protected Platinum Nanoparticles. European Journal of Inorganic Chemistry, 2006, 2006, 4022-4025.	2.0	15
150	Photofunctional multilayer films by assembling naked silver nanoparticles and a tailored nitric oxide photodispenser at water/air interface. Journal of Colloid and Interface Science, 2012, 368, 191-196.	9.4	15
151	A multifunctional Î²-cyclodextrin-conjugate photodelivering nitric oxide with fluorescence reporting. International Journal of Pharmaceutics, 2017, 531, 614-620.	5.2	15
152	Contact Lenses Delivering Nitric Oxide under Daylight for Reduction of Bacterial Contamination. International Journal of Molecular Sciences, 2019, 20, 3735.	4.1	15
153	A generator of peroxynitrite activatable with red light. Chemical Science, 2021, 12, 4740-4746.	7.4	15
154	pH Effect on the efficiency of the photodeactivation pathways of naphazoline: a combined steady state and time resolved study. New Journal of Chemistry, 2000, 24, 159-163.	2.8	14
155	Structure and Photochemical Behavior of the Cyclodextrin Inclusion Complexes of the Benzoylthiophene-Derived Drugs Tiaprofenic Acid (=5-Benzoyl-Î±-methylthiophene-2-acetic Acid) and Suprofen (=Î±-Methyl-4-(2-thienylcarbonyl)benzeneacetic Acid). Helvetica Chimica Acta, 2001, 84, 2452.	1.6	14
156	Waterâ€Soluble Transitionâ€Metalâ€Phthalocyanines as Singlet Oxygen Photosensitizers in Ene Reactions. European Journal of Inorganic Chemistry, 2011, 2011, 503-509.	2.0	14
157	Novel Î²-cyclodextrinâ€“eosin conjugates. Beilstein Journal of Organic Chemistry, 2017, 13, 543-551.	2.2	14
158	A Highâ€Performing Metalâ€Free Photoactivatable Nitric Oxide Donor with a Green Fluorescent Reporter. ChemPhotoChem, 2020, 4, 742-748.	3.0	14
159	Self-assembling and electrochromic films of bipyridinium building blocks. Journal of Materials Chemistry, 2006, 16, 3171.	6.7	13
160	A multi-photoresponsive molecular-hybrid for dual-modal photoinactivation of cancer cells. RSC Advances, 2014, 4, 44827-44836.	3.6	13
161	NO Photoreleaser-Deoxyadenosine and -Bile Acid Derivative Bioconjugates as Novel Potential Photochemotherapeutics. ACS Medicinal Chemistry Letters, 2016, 7, 939-943.	2.8	13
162	Novel Sigma Receptor Ligandâ€“Nitric Oxide Photodonors: Molecular Hybrids for Double-Targeted Antiproliferative Effect. Journal of Medicinal Chemistry, 2017, 60, 9531-9544.	6.4	13

#	Article	IF	Citations
163	Onâ€Demand Release of Hydrosoluble Drugs from a Paramagnetic Porous Collagenâ€Based Scaffold. Chemistry - A European Journal, 2017, 23, 1338-1345.	3.3	13
164	Singlet oxygen photo-production by perylene bisimide derivative Langmuir-Schaefer films for photodynamic therapy applications. Journal of Colloid and Interface Science, 2019, 553, 390-401.	9.4	13
165	Nitric Oxide Photoreleasers with Fluorescent Reporting. Chemistry - A European Journal, 2021, 27, 12714-12725.	3.3	13
166	Drastic photochemical stabilization of lomefloxacin through selective and efficient self-incorporation of its cationic form in anionic sodium dodecyl sulfate (SDS) micelles. New Journal of Chemistry, 2001, 25, 197-199.	2.8	12
167	Langmuirâ^'SchÃfer Films of an Amphiphilic Ruthenium Complex Bearing an â€œAlmost Nakedâ€• Multicharged Headgroup. Inorganic Chemistry, 2004, 43, 5368-5372.	4.0	12
168	Improving 2D-organization of fullerene Langmuir-SchÃfer thin films by interaction with cellulose nanocrystals. Carbon, 2020, 167, 906-917.	10.3	12
169	Molecular mechanism of drug photosensitization Part 6. Photohaemolysis sensitized by tolmetin. Journal of Photochemistry and Photobiology B: Biology, 1995, 29, 125-133.	3.8	11
170	Transient Photochemistry of Diflunisal:â€‰ Photoejection and Trapping of Hydrated Electrons Leading to the Formation of Phenoxy Radicals, Photostimulated Defluorination, and Cross Combination Reaction. Journal of Physical Chemistry B, 1999, 103, 9279-9284.	2.6	11
171	New hydrogel matrices containing an anti-inflammatory agent. Evaluation of in vitro release and photoprotective activity. Biomaterials, 2002, 23, 537-550.	11.4	11
172	Electrochemical and Spectroscopic Behavior of Iron(III) Porphyrazines in Langmuirâ^'SchÃfer Films. Journal of Physical Chemistry B, 2008, 112, 11517-11528.	2.6	11
173	Controlling molecular assembling by photons: reversible light-powered monomerâ€“aggregate interconversion of porphyrins. Chemical Communications, 2008, , 6179.	4.1	11
174	Graphene oxide nanohybrid that photoreleases nitric oxide. Journal of Materials Chemistry B, 2016, 4, 5825-5830.	5.8	11
175	A Molecular Hybrid for Mitochondriaâ€Targeted NO Photodelivery. ChemMedChem, 2018, 13, 87-96.	3.2	11
176	Simultaneous supramolecular activation of NO photodonor/photosensitizer ensembles by a calix[4]arene nanoreactor. New Journal of Chemistry, 2018, 42, 18096-18101.	2.8	11
177	Biofriendly Route to Near-Infrared-Active Gold Nanotriangles and Nanoflowers through Nitric Oxide Photorelease for Photothermal Applications. ACS Applied Nano Materials, 2019, 2, 7916-7923.	5.0	11
178	â€œThree-Bulletsâ€•Loaded Mesoporous Silica Nanoparticles for Combined Photo/Chemotherapy. Nanomaterials, 2019, 9, 823.	4.1	11
179	New Insights into the Photoreactivity of the Organophosphorus Pesticide Fenthion:Â A Ïƒ Aryl Cation as a Key Intermediate in the Photodecomposition. Journal of Agricultural and Food Chemistry, 2004, 52, 5943-5949.	5.2	10
180	Mannoside and 1,2-mannobioside Î²-cyclodextrin-scaffolded NO-photodonors for targeting antibiotic resistant bacteria. Carbohydrate Polymers, 2018, 199, 649-660.	10.2	10

#	Article	IF	Citations
181	Combination of PDT and NOPDT with a Tailored BODIPY Derivative. Antioxidants, 2019, 8, 531.	5.1	10
182	On the photophysical and photochemical behavior of fenbufen: a study in homogeneous media and micellar environments. New Journal of Chemistry, 2001, 25, 975-980.	2.8	9
183	Molecular organization and synâ‡†anti conformational equilibria in ethane-bridged bis(zinc porphyrin) floating films at the airâ€“water interface. Surface Science, 2004, 572, 66-76.	1.9	9
184	A Multicomponent Gel for Nitric Oxide Photorelease with Fluorescence Reporting. Asian Journal of Organic Chemistry, 2015, 4, 256-261.	2.7	9
185	Lightâ€Controlled Simultaneous â€œOn Demandâ€•Release of Cytotoxic Combinations for Bimodal Killing of Cancer Cells. Chemistry - A European Journal, 2018, 24, 7664-7670.	3.3	9
186	Tuning the Hydrophobicity of a Mitochondriaâ€Targeted NO Photodonor. ChemMedChem, 2018, 13, 1238-1245.	3.2	9
187	Oneâ€Step Photochemical Green Synthesis of Waterâ€Dispersible Ag, Au, and Au@Ag Coreâ€“Shell Nanoparticles. Chemistry - A European Journal, 2019, 25, 14638-14643.	3.3	9
188	Supramolecular Chiral Discrimination of D-Phenylalanine Amino Acid Based on a Perylene Bisimide Derivative. Frontiers in Bioengineering and Biotechnology, 2020, 8, 160.	4.1	9
189	Development of Spirulina sea-weed raw extract/polyamidoamine hydrogel system as novel platform in photodynamic therapy: Photostability and photoactivity of chlorophyll a. Materials Science and Engineering C, 2021, 119, 111593.	7.3	9
190	Light-Controlled Nitric Oxide Generation from a Novel Self-Assembled Monolayer on a Gold Surface This work was supported by MURST â€œcofinanziamento di programmi di ricerca di rilevante interesse nazionaleâ€•(Project: Mechanisms of Photoinduced Processes in Organized Systems). We also thank Prof. S. Giuffrida for his critical reading of the manuscript, Prof. V. Amico for his useful suggestions, and the referees for constructive comments.. Angewandte Chemie, 2002, 114, 1994.	2.0	8
191	Self-assembled monolayers of bis(salicylaldiminato)nickel(II) Schiff-base complexes: synthesis and structure. Inorganica Chimica Acta, 2004, 357, 3865-3870.	2.4	8
192	A Phenolic Antioxidant Releasing Nitric Oxide on Demand. European Journal of Organic Chemistry, 2010, 2010, 421-426.	2.4	8
193	Synthesis and photophysics of a fullerene-triquinoxaline ensemble. New Journal of Chemistry, 2010, 34, 2828.	2.8	8
194	Targeted Photodynamic Therapy with a Folate/Sensitizer Assembly Produced from Mesoporous Silica. Chemistry - A European Journal, 2017, 23, 7672-7676.	3.3	8
195	Applications of Photoinduced Phenomena in Supramolecularly Arranged Phthalocyanine Derivatives: A Perspective. Molecules, 2020, 25, 3742.	3.8	8
196	Localized and Surface Plasmons Coupling for Ultrasensitive Dopamine Detection by means of SPRâ€Based Perylene Bisimide/Au Nanostructures Thin Film. Advanced Materials Interfaces, 2021, 8, 2101023.	3.7	8
197	Photochemistry of Diflunisal in Nonionic (Brij-35) Micelles:Â Influence of the Microenvironment on Photoionization, Electron Trapping, and Persistent Radical Effect. Journal of Physical Chemistry A, 2000, 104, 11918-11925.	2.5	7
198	Direct Spectroscopic Evidence that the Photochemical Outcome of Flutamide in a Protein Environment is Tuned by Modification of the Molecular Geometry: A Comparison with the Photobehavior in Cyclodextrin and Vesicles. Helvetica Chimica Acta, 2003, 86, 266-273.	1.6	7

#	Article	IF	Citations
199	Absolute rate constants and transient intermediates in the free-radical-induced peroxidation of Î³-terpinene, an unusual hydrocarbon antioxidant. New Journal of Chemistry, 2003, 27, 1563-1567.	2.8	7
200	Conformational switching of ethano-bridged Cu,H₂-bis-porphyrin induced by aromatic amines. Beilstein Journal of Nanotechnology, 2015, 6, 2154-2160.	2.8	7
201	Monitoring the release of a NO photodonor from polymer nanoparticles via FÃ¶rster resonance energy transfer and two-photon fluorescence imaging. Journal of Materials Chemistry B, 2018, 6, 249-256.	5.8	7
202	A calix[4]arene-based ternary supramolecular nanoassembly with improved fluoroquinolone photostability and enhanced NO photorelease. Photochemical and Photobiological Sciences, 2019, 18, 2216-2224.	2.9	7
203	Nanocellulose/Fullerene Hybrid Films Assembled at the Air/Water Interface as Promising Functional Materials for Photo-electrocatalysis. Polymers, 2021, 13, 243.	4.5	7
204	Transient photochemistry of naphazoline in a protein environment. New Journal of Chemistry, 1999, 23, 1159-1162.	2.8	6
205	Self-assembling films of chiral bipyridinium bisthiols. Journal of Materials Chemistry, 2010, 20, 981-989.	6.7	6
206	Reversible Molecular <scp>M</scp>otion of a Bisâ€calix[5]arene Host Driven by a Photoresponsive Guest. Chemistry - an Asian Journal, 2012, 7, 50-54.	3.3	6
207	Molecular Mechanism of Photosensitization XI. Membrane Damage and DNA Cleavage Photoinduced by Enoxacin. Photochemistry and Photobiology, 1998, 68, 652.	2.5	6
208	Effect of cyclodextrin inclusion on the photoisomerization of arylethylenethioamides. Journal of Photochemistry and Photobiology A: Chemistry, 1993, 76, 127-133.	3.9	5
209	Redox switchable self-assembled monolayers of functional ruthenium(III/II) complexes on optically transparent platinum electrodes. Materials Science and Engineering C, 2003, 23, 857-860.	7.3	5
210	A multistate ensemble of molecular switches. New Journal of Chemistry, 2006, 30, 515.	2.8	5
211	Supramolecular polymer networks based on calix[5]arene chained poly(p-phenyleneethynylene) and C60 fulleropyrrolidine. Supramolecular Chemistry, 2016, 28, 485-492.	1.2	5
212	A comprehensive investigation of amino grafted mesoporous silica nanoparticles supramolecular assemblies to host photoactive chlorophyll a in aqueous solution. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 377, 149-158.	3.9	5
213	NO release regulated by doxorubicin as the green light-harvesting antenna. Chemical Communications, 2020, 56, 6332-6335.	4.1	5
214	Doxorubicinâ€“NO Releaser Molecular Hybrid Activatable by Green Light to Overcome Resistance in Breast Cancer Cells. ACS Omega, 2022, 7, 7452-7459.	3.5	5
215	Selective binding of 2-anthrylmethylpyrrole with fluoride: fluorescence and theoretical studies. Chemical Physics Letters, 2000, 323, 389-392.	2.6	4
216	Hydrogen atom abstraction from resveratrol and two lipophilic derivatives by tert-butoxyl radicals. A laser flash photolysis study.. New Journal of Chemistry, 2004, , .	2.8	4

#	Article	IF	Citations
217	A novel molecular conjugate for the simultaneous DNA oxidation and targeted delivery of nitric oxide triggered by light. Photochemical and Photobiological Sciences, 2009, 8, 1534.	2.9	4
218	ZnOâ€Porphyrin Composite Nanostructures as Discriminating Adducts for Metallic Ions in Aqueous Matrices. ChemistrySelect, 2016, 1, 4690-4695.	1.5	4
219	Visible light-activatable multicargo microemulsions with bimodal photobactericidal action and dual colour fluorescence. Journal of Materials Chemistry B, 2019, 7, 5257-5264.	5.8	4
220	Phosphonodithioester-amine coupling in water: a fast reaction to modify the surface of liposomes. Organic and Biomolecular Chemistry, 2021, 19, 6392-6396.	2.8	4
221	Nickel ion extracellular uptake by the phototrophic bacterium Rhodobacter sphaeroides: new insights from Langmuir modelling and X-ray photoelectron spectroscopic analysis. Applied Surface Science, 2022, 593, 153385.	6.1	4
222	Photobinding of Flutamide to Phospholipid Vesicles: Additional Evidence for Photoprocesses Unexpectedly Triggered by Conformational Changes in the Bilayer. Helvetica Chimica Acta, 2002, 85, 1407.	1.6	3
223	Polymer Nanoparticles for Cancer Photodynamic Therapy Combined with Nitric Oxide Photorelease and Chemotherapy. Lecture Notes in Quantum Chemistry II, 2016, , 397-426.	0.3	3
224	A thermoresponsive gel photoreleasing nitric oxide for potential ocular applications. Journal of Materials Chemistry B, 2020, 8, 9121-9128.	5.8	3
225	Enhancing the Anticancer Activity of Sorafenib through Its Combination with a Nitric Oxide Photodelivering Î²-Cyclodextrin Polymer. Molecules, 2022, 27, 1918.	3.8	3
226	Copper(II), in the parts per million range, modulates photochemical and photosensitizing properties of tolmetin via electron transfer with a triplet carbanion. Chemical Communications, 1999, , 2003-2004.	4.1	2
227	Nitric oxide photoreleasing nanoconstructs with multiple photofunctionalities. Photochemistry, 0, , 302-318.	0.2	2
228	DNAâ€Targeted NO Release Photoregulated by Green Light. Chemistry - A European Journal, 2020, 26, 13627-13633.	3.3	2
229	The photochemistry of metyrapone. Journal of the Chemical Society Perkin Transactions II, 1996, , 1889.	0.9	1
230	Enhanced Photostability of Fluoroquinolone Antibacterials Capped on Silver Nanoparticles. Advanced Engineering Materials, 2011, 13, B353.	3.5	1
231	Visible light-activatable cyclodextrin-conjugates for the efficient delivery of nitric oxide with fluorescent reporter and their inclusion complexes with betaxolol. New Journal of Chemistry, 2021, 45, 8449-8455.	2.8	1
232	Laser Flash Photolysis of Tolmetin: A Photoadiabatic Decarboxylation with a Triplet Carbanion as the Key Intermediate in the Photodecomposition. Photochemistry and Photobiology, 1999, 69, 167.	2.5	1
233	Inside Cover: Light-Activated Release of Nitric Oxide with Fluorescence Reporting in Living Cells (ChemMedChem 9/2011). ChemMedChem, 2011, 6, 1534-1534.	3.2	0
234	Visible light promoted porphyrin-based metal-organic adduct. Journal of Porphyrins and Phthalocyanines, 2020, 24, 758-764.	0.8	0

#	Article	IF	Citations
235	MagnetoPlasmonic Waves/HOMO-LUMO Free Ï€-Electron Transitions Coupling in Organic Macrocycles and Their Effect in Sensing Applications. Chemosensors, 2021, 9, 272.	3.6	0
236	Frontispiece: Nitric Oxide Photoreleasers with Fluorescent Reporting. Chemistry - A European Journal, 2021, 27, .	3.3	0
237	Phosphonodithioformate-amine coupling reaction: from basic discovery to application for the functionalization of liposomes. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 462-467.	1.6	0
238	Light-triggered unconventional therapies with engineered inorganic nanoparticles. Advances in Inorganic Chemistry, 2022, , .	1.0	0