

Santi Nonell

List of Publications by Year in descending order

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Version: 2024-02-01

193
papers

7,843
citations

53794

45
h-index

66911

78
g-index

202
all docs

202
docs citations

202
times ranked

8413
citing authors

#	ARTICLE	IF	CITATIONS
1	Riboflavin-binding proteins for singlet oxygen production. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 1545-1555.	2.9	10
2	Photosensitive EGFR-Targeted Nanocarriers for Combined Photodynamic and Local Chemotherapy. <i>Pharmaceutics</i> , 2022, 14, 405.	4.5	8
3	A Double Payload Complex between Hypericin and All-trans Retinoic Acid in the \hat{I}^2 -Lactoglobulin Protein. <i>Antibiotics</i> , 2022, 11, 282.	3.7	5
4	Versatile Supramolecular Complex for Targeted Antimicrobial Photodynamic Inactivation. <i>Bioconjugate Chemistry</i> , 2022, 33, 666-676.	3.6	3
5	Chemical Control Over Optical Trapping Force at an Interface. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	7
6	9-Aryl-phenalenones: Bioinspired thermally reversible photochromic compounds for photoswitching applications in the pico-to milliseconds range. <i>Dyes and Pigments</i> , 2021, 186, 109060.	3.7	6
7	Self-Assembled Binaphthyl-Bridged Amphiphilic AABB Phthalocyanines: Nanostructures for Efficient Antimicrobial Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021, 27, 4955-4963.	3.3	12
8	An Ultra-Long-Lived Triplet Excited State in Water at Room Temperature: Insights on the Molecular Design of Tridecafullerenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16109-16118.	13.8	8
9	An Ultra-Long-Lived Triplet Excited State in Water at Room Temperature: Insights on the Molecular Design of Tridecafullerenes. <i>Angewandte Chemie</i> , 2021, 133, 16245-16254.	2.0	2
10	Understanding delayed fluorescence and triplet decays of Protoporphyrin IX under hypoxic conditions. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 843-857.	2.9	3
11	Singlet Oxygen Quantum Yield Determination Using Chemical Acceptors. <i>Methods in Molecular Biology</i> , 2021, 2202, 165-188.	0.9	4
12	Fluorine-substituted tetracationic ABAB-phthalocyanines for efficient photodynamic inactivation of Gram-positive and Gram-negative bacteria. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111957.	5.5	27
13	Nanoscale View of Amyloid Photodynamic Damage. <i>Journal of the American Chemical Society</i> , 2020, 142, 922-930.	13.7	24
14	Tetramethylbenzidine: An Acoustogenic Photoacoustic Probe for Reactive Oxygen Species Detection. <i>Sensors</i> , 2020, 20, 5952.	3.8	15
15	Smart Dual-Functionalized Gold Nanoclusters for Spatio-Temporally Controlled Delivery of Combined Chemo- and Photodynamic Therapy. <i>Nanomaterials</i> , 2020, 10, 2474.	4.1	9
16	Transformation of COUPY Fluorophores into a Novel Class of Visible-Light-Cleavable Photolabile Protecting Groups. <i>Chemistry - A European Journal</i> , 2020, 26, 16222-16227.	3.3	13
17	Photodynamic action of <i>Hypericum perforatum</i> hydrophilic extract against <i>Staphylococcus aureus</i> . <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 324-331.	2.9	9
18	Effective Photodynamic Inactivation of 26 <i>Escherichia coli</i> Strains with Different Antibiotic Susceptibility Profiles: A Planktonic and Biofilm Study. <i>Antibiotics</i> , 2020, 9, 98.	3.7	26

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19	Photosensitizing proteins for antibacterial photodynamic inactivation. <i>Translational Biophotonics</i> , 2020, 2, e201900031.	2.7	15
20	c(RGDfK) and ZnTriIMPy Bound Polymeric Nanocarriers for Tumor Targeted Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2020, 96, 570-580.	2.5	0
21	A porphycene-gentamicin conjugate for enhanced photodynamic inactivation of bacteria. <i>Bioorganic Chemistry</i> , 2020, 97, 103661.	4.1	24
22	Assessing Amphiphilic ABAB Zn(II) Phthalocyanines with Enhanced Photosensitization Abilities in In Vitro Photodynamic Therapy Studies Against Cancer. <i>Molecules</i> , 2020, 25, 213.	3.8	10
23	Carminic Acid Linked to Silica Nanoparticles as Pigment/Antioxidant Bifunctional Excipient for Pharmaceutical Emulsions. <i>Pharmaceutics</i> , 2020, 12, 376.	4.5	11
24	Boosting the singlet oxygen photosensitization abilities of Zn(II) phthalocyanines through functionalization with bulky fluorinated substituents. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7448-7454.	2.8	23
25	Adaptable Photochromic Switches with Self-Aggregating Heterocyclic Azo Dyes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23140-23144.	3.1	9
26	Silica-based nanosystems for therapeutic applications in the skin. <i>Nanomedicine</i> , 2019, 14, 2243-2267.	3.3	17
27	Crosswise Phthalocyanines with Collinear Functionalization: New Paradigmatic Derivatives for Efficient Singlet Oxygen Photosensitization. <i>ChemPlusChem</i> , 2019, 84, 673-679.	2.8	14
28	Hypericin-Apomyoglobin: An Enhanced Photosensitizer Complex for the Treatment of Tumor Cells. <i>Biomacromolecules</i> , 2019, 20, 2024-2033.	5.4	22
29	Towards Novel Photodynamic Anticancer Agents Generating Superoxide Anion Radicals: A Cyclometalated Ir(III) Complex Conjugated to a Far-Red Emitting Coumarin. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6311-6315.	13.8	142
30	Towards Novel Photodynamic Anticancer Agents Generating Superoxide Anion Radicals: A Cyclometalated Ir(III) Complex Conjugated to a Far-Red Emitting Coumarin. <i>Angewandte Chemie</i> , 2019, 131, 6377-6381.	2.0	28
31	Tailing miniSOG: structural bases of the complex photophysics of a flavin-binding singlet oxygen photosensitizing protein. <i>Scientific Reports</i> , 2019, 9, 2428.	3.3	37
32	Antioxidant Nanomaterial Based on Core-Shell Silica Nanospheres with Surface-Bound Caffeic Acid: A Promising Vehicle for Oxidation-Sensitive Drugs. <i>Nanomaterials</i> , 2019, 9, 214.	4.1	19
33	Designing a Green Fluorogenic Protease Reporter by Flipping a Beta Strand of GFP for Imaging Apoptosis in Animals. <i>Journal of the American Chemical Society</i> , 2019, 141, 4526-4530.	13.7	64
34	A combination of photodynamic therapy and antimicrobial compounds to treat skin and mucosal infections: a systematic review. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1020-1029.	2.9	75
35	Hybrid Silver Nanocubes for Improved Plasmon-Enhanced Singlet Oxygen Production and Inactivation of Bacteria. <i>Journal of the American Chemical Society</i> , 2019, 141, 684-692.	13.7	100
36	Fluorescent Flavoprotein Heterodimers: Combining Photostability with Singlet Oxygen Generation. <i>ChemPhotoChem</i> , 2018, 2, 571-574.	3.0	6

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37	Towards optimized naphthalocyanines as sonochromes for photoacoustic imaging in vivo. <i>Photoacoustics</i> , 2018, 9, 49-61.	7.8	29
38	Redesigning the Coumarin Scaffold into Small Bright Fluorophores with Far-Red to Near-Infrared Emission and Large Stokes Shifts Useful for Cell Imaging. <i>Journal of Organic Chemistry</i> , 2018, 83, 1185-1195.	3.2	90
39	NanoDCFH-DA: A Silica-based Nanostructured Fluorogenic Probe for the Detection of Reactive Oxygen Species. <i>Photochemistry and Photobiology</i> , 2018, 94, 1143-1150.	2.5	20
40	An optogenetic toolbox of LOV-based photosensitizers for light-driven killing of bacteria. <i>Scientific Reports</i> , 2018, 8, 15021.	3.3	37
41	Selective Photokilling of Human Pancreatic Cancer Cells Using Cetuximab-Targeted Mesoporous Silica Nanoparticles for Delivery of Zinc Phthalocyanine. <i>Molecules</i> , 2018, 23, 2749.	3.8	34
42	High Photostability in Nonconventional Coumarins with Far-Red/NIR Emission through Azetidinyll Substitution. <i>Journal of Organic Chemistry</i> , 2018, 83, 11519-11531.	3.2	28
43	Structure-activity study of furyl aryloxazole fluorescent probes for the detection of singlet oxygen. <i>PLoS ONE</i> , 2018, 13, e0200006.	2.5	6
44	Intense White Molecular Fluorescence from Naphthoxazole-Quinoline Derivatives. <i>Photochemistry and Photobiology</i> , 2018, 94, 1092-1099.	2.5	1
45	A Photoactivatable Far-Red/Near-Infrared BODIPY To Monitor Cellular Dynamics in Vivo. <i>ACS Sensors</i> , 2018, 3, 1347-1353.	7.8	29
46	Triphenylphosphonium cation: A valuable functional group for antimicrobial photodynamic therapy. <i>Journal of Biophotonics</i> , 2018, 11, e201800054.	2.3	19
47	Photoantimicrobial Biohybrids by Supramolecular Immobilization of Cationic Phthalocyanines onto Cellulose Nanocrystals. <i>Chemistry - A European Journal</i> , 2017, 23, 4320-4326.	3.3	38
48	NanoSOSG: A Nanostructured Fluorescent Probe for the Detection of Intracellular Singlet Oxygen. <i>Angewandte Chemie</i> , 2017, 129, 2931-2934.	2.0	7
49	NanoSOSG: A Nanostructured Fluorescent Probe for the Detection of Intracellular Singlet Oxygen. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2885-2888.	13.8	68
50	Tuning the local solvent composition at a drug carrier surface: the effect of dimethyl sulfoxide/water mixture on the photofunctional properties of hypericin- β -lactoglobulin complexes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1633-1641.	5.8	16
51	Development of Green/Red-Absorbing Chromophores Based on a Coumarin Scaffold That Are Useful as Caging Groups. <i>Journal of Organic Chemistry</i> , 2017, 82, 5398-5408.	3.2	58
52	Structural implications on the excitation dynamics of fluorescent 3H-indolium cations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11904-11913.	2.8	10
53	Singlet oxygen production and <i>in vitro</i> phototoxicity studies on fenofibrate, mycophenolate mofetil, trifusal, and their active metabolites. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3722.	1.9	4
54	Morphology effects on singlet oxygen production and bacterial photoinactivation efficiency by different silica-protoporphyrin IX nanocomposites. <i>RSC Advances</i> , 2017, 7, 14422-14429.	3.6	22

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55	Cationic phthalocyanine dendrimers as potential antimicrobial photosensitisers. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9008-9017.	2.8	24
56	Acid- and hydrogen-bonding-induced switching between 22- π and 18- π electron conjugations in 2-aminothiazolo[4,5-c]porphycenes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25537-25543.	2.8	6
57	Photoantimicrobials "are we afraid of the light?". <i>Lancet Infectious Diseases</i> , The, 2017, 17, e49-e55.	9.1	498
58	Photodynamic Synergistic Effect of Pheophorbide a and Doxorubicin in Combined Treatment against Tumoral Cells. <i>Cancers</i> , 2017, 9, 18.	3.7	39
59	Bactericidal Effect of Photodynamic Therapy, Alone or in Combination with Mupirocin or Linezolid, on <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1002.	3.5	39
60	Sequential Uncaging with Green Light can be Achieved by Fine-Tuning the Structure of a Dicyanocoumarin Chromophore. <i>ChemistryOpen</i> , 2017, 6, 375-384.	1.9	23
61	On the mechanism of <i>Candida tropicalis</i> biofilm reduction by the combined action of naturally-occurring anthraquinones and blue light. <i>PLoS ONE</i> , 2017, 12, e0181517.	2.5	21
62	Morin Flavonoid Adsorbed on Mesoporous Silica, a Novel Antioxidant Nanomaterial. <i>PLoS ONE</i> , 2016, 11, e0164507.	2.5	45
63	Synthesis, photophysical studies and 1O_2 generation of ruthenium phthalocyanine dendrimers. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 378-387.	0.8	6
64	Terapia fotodinámica antimicrobiana in vitro aplicada sobre <i>Trichophyton mentagrophytes</i> con nuevo azul de metileno como fotosensibilizador. <i>Actas Dermo-sifiligráficas</i> , 2016, 107, 765-770.	0.4	4
65	Unusual Properties of Asymmetric Porphycenes. , 2016, , 299-349.		7
66	Poly-(D,L-lactide-co-glycolide) nanoparticles with covalently-bound porphyrins for efficient singlet oxygen photosensitization. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1306-1318.	0.8	4
67	In Vitro Antimicrobial Photodynamic Therapy Against <i>Trichophyton mentagrophytes</i> Using New Methylene Blue as the Photosensitizer. <i>Actas Dermo-sifiligráficas</i> , 2016, 107, 765-770.	0.4	2
68	Zinc-Substituted Myoglobin Is a Naturally Occurring Photo-antimicrobial Agent with Potential Applications in Food Decontamination. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8633-8639.	5.2	19
69	Assessing the potential of photosensitizing flavoproteins as tags for correlative microscopy. <i>Chemical Communications</i> , 2016, 52, 8405-8408.	4.1	30
70	Anthracene-based fluorescent nanoprobe for singlet oxygen detection in biological media. <i>Methods</i> , 2016, 109, 64-72.	3.8	26
71	Distance-Dependent Plasmon-Enhanced Singlet Oxygen Production and Emission for Bacterial Inactivation. <i>Journal of the American Chemical Society</i> , 2016, 138, 2762-2768.	13.7	139
72	Chapter 2. Properties of Singlet Oxygen. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2016, , 23-46.	0.3	21

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73	Subdiffraction localization of a nanostructured photosensitizer in bacterial cells. <i>Scientific Reports</i> , 2015, 5, 15564.	3.3	35
74	A Comparative Study on Two Cationic Porphycenes: Photophysical and Antimicrobial Photoinactivation Evaluation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27072-27086.	4.1	26
75	Tautomerism in Porphycenes: Analysis of Rate-Affecting Factors. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2292-2301.	2.6	40
76	Silica-based nanostructured materials for biomedical applications. , 2015, , 429-448.		3
77	Synthesis, Photophysical Characterization, and Photoinduced Antibacterial Activity of Methylene Blue-loaded Amino- and Mannose-Targeted Mesoporous Silica Nanoparticles. <i>Molecules</i> , 2015, 20, 6284-6298.	3.8	55
78	Optical writing and reading with a photoactivatable carbazole. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11140-11143.	2.8	12
79	Poly(D,L-lactide-co-glycolide) nanoparticles as delivery agents for photodynamic therapy: enhancing singlet oxygen release and phototoxicity by surface PEG coating. <i>Nanotechnology</i> , 2015, 26, 365104.	2.6	24
80	The complex of hypericin with β -lactoglobulin has antimicrobial activity with potential applications in dairy industry. <i>Journal of Dairy Science</i> , 2015, 98, 89-94.	3.4	36
81	A novel fluoro-chromogenic click reaction for the labelling of proteins and nanoparticles with near-IR theranostic agents. <i>Chemical Communications</i> , 2015, 51, 5586-5589.	4.1	32
82	Singlet oxygen photosensitisation by the fluorescent protein Pp2FbFP L30M, a novel derivative of <i>Pseudomonas putida</i> flavin-binding Pp2FbFP. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 280-287.	2.9	42
83	Synthesis, photophysical studies and $^{1}O_2$ generation of carboxylate-terminated zinc phthalocyanine dendrimers. <i>Journal of Inorganic Biochemistry</i> , 2014, 136, 170-176.	3.5	28
84	Photodynamic fungicidal efficacy of hypericin and dimethyl methylene blue against azole-resistant <i>Candida albicans</i> strains. <i>Mycoses</i> , 2014, 57, 35-42.	4.0	48
85	β -Phenyl quenching of 9-phenylphenalenones: a novel photocyclisation reaction with biological implications. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18813-18820.	2.8	12
86	Chapter 9. Newest approaches to singlet oxygen photosensitisation in biological media. <i>Photochemistry</i> , 2014, , 233-278.	0.2	17
87	Synthesis, Spectroscopic, and Photophysical Characterization and Photosensitizing Activity toward Prokaryotic and Eukaryotic Cells of Porphyrin-Magainin and -Bofurin Conjugates. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1403-1415.	6.4	51
88	Fastest molecular photochromic switches based on nanosecond isomerizing benzothiazolium azophenolic salts. <i>Journal of Materials Chemistry C</i> , 2014, 2, 474-480.	5.5	40
89	A photoswitchable bis-azo derivative with a high temporal resolution. <i>Chemical Communications</i> , 2014, 50, 11462-11464.	4.1	18
90	Modifications of Microvascular EC Surface Modulate Phototoxicity of a Porphycene anti-ICAM-1 Immunoconjugate; Therapeutic Implications. <i>Langmuir</i> , 2013, 29, 9734-9743.	3.5	15

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91	Liposomal temocene (m-THPPo) photodynamic treatment induces cell death by mitochondria-independent apoptosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4611-4620.	2.4	17
92	Oxygen effects on tetrapropylporphycene near-infrared luminescence kinetics. <i>Journal of Molecular Structure</i> , 2013, 1044, 303-307.	3.6	8
93	A self-assembled nanostructured material with photosensitising properties. <i>RSC Advances</i> , 2013, 3, 17874.	3.6	30
94	Arresting Tautomerization in a Single Molecule by the Surrounding Polymer: 2,7,12,17-Tetraphenyl Porphycene. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3967-3971.	4.6	25
95	Solvent and Media Effects on the Photophysics of Naphthoxazole Derivatives. <i>Photochemistry and Photobiology</i> , 2013, 89, 1327-1334.	2.5	4
96	Fluorescent proteins as singlet oxygen photosensitizers: mechanistic studies in photodynamic inactivation of bacteria. <i>Proceedings of SPIE</i> , 2013, , .	0.8	2
97	Naphthoxazole-Based Singlet Oxygen Fluorescent Probes. <i>Photochemistry and Photobiology</i> , 2013, 89, 1427-1432.	2.5	27
98	Synthesis, Characterization, and Photoinduced Antibacterial Activity of Porphyrin-Type Photosensitizers Conjugated to the Antimicrobial Peptide Apidaecin 1b. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1052-1063.	6.4	97
99	Toward a 3D Cellular Model for Studying <i>In Vitro</i> the Outcome of Photodynamic Treatments: Accounting for the Effects of Tissue Complexity. <i>Tissue Engineering - Part A</i> , 2013, 19, 1665-1674.	3.1	34
100	Efficient induction of apoptosis in HeLa cells by a novel cationic porphycene photosensitizer. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 401-414.	5.5	23
101	Singlet Oxygen in Antimicrobial Photodynamic Therapy: Photosensitizer-Dependent Production and Decay in <i>E. coli</i> . <i>Molecules</i> , 2013, 18, 2712-2725.	3.8	64
102	Naphthoxanthenyl, a New Stable Phenalenyl Type Radical Stabilized by Electronic Effects. <i>Organic Letters</i> , 2013, 15, 2970-2973.	4.6	26
103	Singlet Oxygen Generation by the Genetically Encoded Tag miniSOG. <i>Journal of the American Chemical Society</i> , 2013, 135, 9564-9567.	13.7	126
104	Monitoring of singlet oxygen luminescence and mitochondrial autofluorescence after illumination of hypericin/mitochondria complex: a time-resolved study. <i>Laser Physics Letters</i> , 2013, 10, 075609.	1.4	4
105	Singlet molecular oxygen quenching by the antioxidant dimethylmethoxy chromanol in solution and in <i>ex vivo</i> porcine skin. <i>International Journal of Cosmetic Science</i> , 2013, 35, 272-280.	2.6	9
106	An Artificial Neural Network Model for Predicting the Subcellular Localization of Photosensitisers for Photodynamic Therapy of Solid Tumours. <i>Current Medicinal Chemistry</i> , 2012, 19, 2472-2482.	2.4	15
107	Tautomerism and dual fluorescence in 9-substituted n-propyl- and methoxyethyl-porphycenes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 633-640.	0.8	14
108	Fastest Thermal Isomerization of an Azobenzene for Nanosecond Photoswitching Applications under Physiological Conditions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12820-12823.	13.8	95

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109	Introduction to the themed issue dedicated to Kurt Schaffner. Photochemical and Photobiological Sciences, 2012, 11, 871.	2.9	0
110	Light-controlled real time information transmitting systems based on nanosecond thermally-isomerising amino-azopyridinium salts. Chemical Communications, 2012, 48, 3421.	4.1	48
111	Theoretical Characterization of Absorption and Emission Spectra of an Asymmetric Porphycene. Journal of Physical Chemistry A, 2012, 116, 3366-3376.	2.5	9
112	Tautomerization in 2,7,12,17-tetraphenylporphycene and 9-amino-2,7,12,17-tetraphenylporphycene: Influence of Asymmetry on the Direction of the Transition Moment. Chemistry - A European Journal, 2012, 18, 13160-13167.	3.3	23
113	Cellular and vascular effects of the photodynamic agent temocene are modulated by the delivery vehicle. Journal of Controlled Release, 2012, 162, 355-363.	9.9	28
114	On the mechanism of <i>Candida</i> spp. photoinactivation by hypericin. Photochemical and Photobiological Sciences, 2012, 11, 1099-1107.	2.9	30
115	A genetically-encoded photosensitizer demonstrates killing of bacteria by purely endogenous singlet oxygen. Photochemical and Photobiological Sciences, 2012, 11, 1411-1413.	2.9	22
116	<i>In Vitro</i> Fungicidal Photodynamic Effect of Hypericin on <i>Candida</i> Species.	2.5	73
117	Temocene: the porphycene analogue of temoporfin (Foscan®). MedChemComm, 2011, 2, 616.	3.4	30
118	Microenvironment-switchable singlet oxygen generation by axially-coordinated hydrophilic ruthenium phthalocyanine dendrimers. Physical Chemistry Chemical Physics, 2011, 13, 3385-3393.	2.8	19
119	Thiazolyl-substituted porphyrins as standards for singlet molecular oxygen photosensitization. Journal of Porphyrins and Phthalocyanines, 2011, 15, 1202-1208.	0.8	3
120	Singlet Oxygen Phosphorescence Enhancement by Silver Islands Films. Journal of Physical Chemistry C, 2011, 115, 16275-16281.	3.1	26
121	Photo-driven optical oscillators in the kHz range based on push-pull hydroxyazopyridines. Chemical Communications, 2011, 47, 4022.	4.1	45
122	Do folate-receptor targeted liposomal photosensitizers enhance photodynamic therapy selectivity?. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1063-1071.	2.6	49
123	Dual fluorescence in 9-amino-2,7,12,17-tetraphenylporphycene. Physical Chemistry Chemical Physics, 2011, 13, 10326.	2.8	26
124	Quantification of Photosensitized Singlet Oxygen Production by a Fluorescent Protein. ChemPhysChem, 2011, 12, 161-165.	2.1	50
125	Singlet oxygen in <i>Escherichia coli</i> : New insights for antimicrobial photodynamic therapy. Free Radical Biology and Medicine, 2010, 49, 770-776.	2.9	76
126	Photodynamic inactivation of <i>Acinetobacter baumannii</i> using phenothiazinium dyes: In vitro and in vivo studies. Lasers in Surgery and Medicine, 2010, 42, 384-390.	2.1	96

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127	Fast Isomerizing Methyl Iodide Azopyridinium Salts for Molecular Switches. <i>Organic Letters</i> , 2010, 12, 3514-3517.	4.6	30
128	Kinetic study of the fast thermal cis-to-trans isomerisation of para-, ortho- and polyhydroxyazobenzenes. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13238.	2.8	105
129	Cationic Porphycenes as Potential Photosensitizers for Antimicrobial Photodynamic Therapy. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7796-7803.	6.4	117
130	Singlet oxygen photosensitisation by GFP mutants: oxygen accessibility to the chromophore. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1336-1341.	2.9	34
131	Topical and systemic photoprotection. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 419.	2.9	2
132	Dose-dependent progressive sunscreens. A new strategy for photoprotection?. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 530.	2.9	6
133	Photofunctional proteins: from understanding to engineering. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1285.	2.9	1
134	Ground- and excited-state interactions of 2,7,12,17-tetraphenylporphycene with model target biomolecules for type-I photodynamic therapy. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 99-106.	0.8	6
135	Preclinical photodynamic therapy in Spain 1: Chemical and photophysical studies on porphycenes and other photosensitizers. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 528-536.	0.8	2
136	One-Pot Synthesis of Substituted 2,2'-Bipyrrroles. A Straightforward Route to Aryl Porphycenes. <i>Organic Letters</i> , 2009, 11, 77-79.	4.6	57
137	Singlet oxygen photosensitisation by the fluorescent probe Singlet Oxygen Sensor Green [®] . <i>Chemical Communications</i> , 2009, , 2920.	4.1	190
138	Asymmetric porphycenes: synthesis and photophysical properties of 9-substituted 2,7,12,17-tetraphenylporphycenes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 376-381.	0.8	20
139	Microscopy beyond imaging: space-resolved photochemistry and photobiology. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 441-441.	2.9	2
140	Kinetics of singlet oxygen photosensitization in human skin fibroblasts. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1926-1934.	2.9	77
141	Singlet Oxygen Photosensitization by EGFP and its Chromophore HBDI. <i>Biophysical Journal</i> , 2008, 94, 168-172.	0.5	109
142	Time-resolved methods in biophysics. 7. Photon counting vs. analog time-resolved singlet oxygen phosphorescence detection. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1003-1010.	2.9	134
143	Photophysics and Photochemistry of Naphthoxazinone Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 5371-5378.	3.2	18
144	Porphycenes: Facts and Prospects in Photodynamic Therapy of Cancer. <i>Current Medicinal Chemistry</i> , 2007, 14, 997-1026.	2.4	177

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