

Mauricio da Silva Baptista

List of Publications by Year in descending order

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241
papers

11,419
citations

36203

51
h-index

34900

98
g-index

249
all docs

249
docs citations

249
times ranked

14178
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	10,742
2	Cryptography with chaos. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 240, 50-54.	0.9	744
3	Methylene blue in photodynamic therapy: From basic mechanisms to clinical applications. Photodiagnosis and Photodynamic Therapy, 2005, 2, 175-191.	1.3	675
4	Type I and Type II Photosensitized Oxidation Reactions: Guidelines and Mechanistic Pathways. Photochemistry and Photobiology, 2017, 93, 912-919.	1.3	552
5	Photodynamic Efficiency: From Molecular Photochemistry to Cell Death. International Journal of Molecular Sciences, 2015, 16, 20523-20559.	1.8	291
6	Effect of BSA Binding on Photophysical and Photochemical Properties of Triarylmethane Dyes. Journal of Physical Chemistry B, 1998, 102, 4678-4688.	1.2	255
7	Modulation of methylene blue photochemical properties based on adsorption at aqueous micelle interfaces. Physical Chemistry Chemical Physics, 2002, 4, 2320-2328.	1.3	222
8	Methylene Blue-Containing Silica-Coated Magnetic Particles: A Potential Magnetic Carrier for Photodynamic Therapy. Langmuir, 2007, 23, 8194-8199.	1.6	208
9	Marked Improvement in Photoinduced Cell Death by a New Tris-heteroleptic Complex with Dual Action: Singlet Oxygen Sensitization and Ligand Dissociation. Journal of the American Chemical Society, 2014, 136, 17095-17101.	6.6	169
10	Binding, Aggregation and Photochemical Properties of Methylene Blue in Mitochondrial Suspensions. Photochemistry and Photobiology, 2004, 79, 227.	1.3	163
11	Protoporphyrin IX Nanoparticle Carrier: Preparation, Optical Properties, and Singlet Oxygen Generation. Langmuir, 2008, 24, 12534-12538.	1.6	156
12	Influence of Negatively Charged Interfaces on the Ground and Excited State Properties of Methylene Blue. Photochemistry and Photobiology, 2003, 77, 459.	1.3	155
13	Determination of the refractive index increment (dn/dc) of molecule and macromolecule solutions by surface plasmon resonance. Analytical Biochemistry, 2004, 333, 273-279.	1.1	152
14	Major determinants of photoinduced cell death: Subcellular localization versus photosensitization efficiency. Free Radical Biology and Medicine, 2011, 51, 824-833.	1.3	148
15	Photosensitized Membrane Permeabilization Requires Contact-Dependent Reactions between Photosensitizer and Lipids. Journal of the American Chemical Society, 2018, 140, 9606-9615.	6.6	133
16	Effect of zinc insertion and hydrophobicity on the membrane interactions and PDT activity of porphyrin photosensitizers. Photochemical and Photobiological Sciences, 2009, 8, 233-240.	1.6	132
17	Binding, aggregation and photochemical properties of methylene blue in mitochondrial suspensions. Photochemistry and Photobiology, 2004, 79, 227-232.	1.3	128
18	Membrane changes under oxidative stress: the impact of oxidized lipids. Biophysical Reviews, 2014, 6, 47-61.	1.5	121

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19	Giant Vesicles under Oxidative Stress Induced by a Membrane-Anchored Photosensitizer. <i>Biophysical Journal</i> , 2009, 97, 1362-1370.	0.2	120
20	Methylene blue photodynamic therapy induces selective and massive cell death in human breast cancer cells. <i>BMC Cancer</i> , 2017, 17, 194.	1.1	120
21	Parallel damage in mitochondria and lysosomes is an efficient way to photoinduce cell death. <i>Autophagy</i> , 2019, 15, 259-279.	4.3	111
22	Lipid oxidation induces structural changes in biomimetic membranes. <i>Soft Matter</i> , 2014, 10, 4241.	1.2	104
23	Interaction of cationic meso-porphyrins with liposomes, mitochondria and erythrocytes. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 175-185.	1.0	100
24	Photodynamic antimicrobial chemotherapy (PACT) for the treatment of malaria, leishmaniasis and trypanosomiasis. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 1-10.	0.7	100
25	Cytotoxicity Studies of Cyclometallated Ruthenium(II) Compounds: New Applications for Ruthenium Dyes. <i>Organometallics</i> , 2014, 33, 1100-1103.	1.1	93
26	Melanin Photosensitization and the Effect of Visible Light on Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e113266.	1.1	92
27	Determination of n-octanol/water partition and membrane binding of cationic porphyrins. <i>International Journal of Pharmaceutics</i> , 2007, 329, 12-18.	2.6	91
28	Electrostatic properties of zwitterionic micelles. <i>The Journal of Physical Chemistry</i> , 1992, 96, 6442-6449.	2.9	89
29	Enhanced efficiency of cell death by lysosome-specific photodamage. <i>Scientific Reports</i> , 2017, 7, 6734.	1.6	88
30	Combined effect of chemical and electrical synapses in Hindmarsh-Rose neural networks on synchronization and the rate of information. <i>Physical Review E</i> , 2010, 82, 036203.	0.8	86
31	Mechanisms of Photosensitized Lipid Oxidation and Membrane Permeabilization. <i>ACS Omega</i> , 2019, 4, 21636-21646.	1.6	82
32	Photo-Induced Destruction of Giant Vesicles in Methylene Blue Solutions. <i>Langmuir</i> , 2007, 23, 1307-1314.	1.6	78
33	A clinical trial testing the efficacy of PDT in preventing amputation in diabetic patients. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 342-350.	1.3	78
34	Photosensitization Reactions of Biomolecules: Definition, Targets and Mechanisms. <i>Photochemistry and Photobiology</i> , 2021, 97, 1456-1483.	1.3	76
35	New Photodynamic Therapy Protocol to Treat AIDS-Related Kaposi's Sarcoma. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 528-531.	2.1	75
36	Membrane Damage Efficiency of Phenothiazinium Photosensitizers. <i>Photochemistry and Photobiology</i> , 2014, 90, 801-813.	1.3	74

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37	Photosensitizing nanoparticles and the modulation of ROS generation. <i>Frontiers in Chemistry</i> , 2015, 3, 33.	1.8	74
38	Global priority multidrug-resistant pathogens do not resist photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 208, 111893.	1.7	73
39	Photophysical properties and interactions of xanthene dyes in aqueous micelles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 247, 8-15.	2.0	71
40	Photophysical and Photochemical Properties of Pyranine/Methyl Viologen Complexes in Solution and in Supramolecular Aggregates: A Switchable Complex. <i>Langmuir</i> , 2000, 16, 5900-5907.	1.6	69
41	Chlorin Photosensitizers Sterically Designed To Prevent Self-Aggregation. <i>Journal of Organic Chemistry</i> , 2011, 76, 8824-8832.	1.7	67
42	Photodynamic Therapy Using Methylene Blue to Treat Cutaneous Leishmaniasis. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 711-715.	2.1	67
43	Physical Damage on Giant Vesicles Membrane as a Result of Methylene Blue Photoirradiation. <i>Biophysical Journal</i> , 2014, 106, 162-171.	0.2	65
44	Effect of Urea on Biomimetic Systems: Neither Water 3-D Structure Rupture nor Direct Mechanism, Simply a More "Polar Water". <i>Langmuir</i> , 2002, 18, 319-324.	1.6	64
45	Solvent and concentration effects on the visible spectra of tri-para-dialkylamino-substituted triarylmethane dyes in liquid solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 2971-2982.	2.0	64
46	Catechol biosensing using a nanostructured layer-by-layer film containing Cl-catechol 1,2-dioxygenase. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1320-1326.	5.3	64
47	Singlet Oxygen Reacts with 2,7-Dichlorodihydrofluorescein and Contributes to the Formation of 2,7-Dichlorofluorescein. <i>Photochemistry and Photobiology</i> , 2008, 84, 1238-1243.	1.3	63
48	Light-based technologies for management of COVID-19 pandemic crisis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 212, 111999.	1.7	61
49	Changes in the Spin State and Reactivity of Cytochrome c Induced by Photochemically Generated Singlet Oxygen and Free Radicals. <i>Journal of Biological Chemistry</i> , 2004, 279, 39214-39222.	1.6	59
50	Photobleaching Efficiency Parallels the Enhancement of Membrane Damage for Porphyrazine Photosensitizers. <i>Journal of the American Chemical Society</i> , 2019, 141, 15547-15556.	6.6	57
51	Antimicrobial mechanisms behind photodynamic effect in the presence of hydrogen peroxide. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 483-490.	1.6	54
52	Singlet oxygen generation in the reaction centers of <i>Rhodobacter sphaeroides</i> . <i>European Biophysics Journal</i> , 2008, 37, 843-850.	1.2	53
53	Photo-activated phase separation in giant vesicles made from different lipid mixtures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 666-672.	1.4	53
54	Generation and suppression of singlet oxygen in hair by photosensitization of melanin. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1195-1202.	1.3	51

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55	A new micro/nanoencapsulated porphyrin formulation for PDT treatment. <i>International Journal of Pharmaceutics</i> , 2009, 376, 76-83.	2.6	46
56	Contrasting roles of oxidized lipids in modulating membrane microdomains. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 660-669.	1.4	46
57	Near-Infrared Detection of Flow Injection Analysis by Acoustooptic Tunable Filter-Based Spectrophotometry. <i>Analytical Chemistry</i> , 1996, 68, 971-976.	3.2	45
58	Effect of urea on bovine serum albumin in aqueous and reverse micelle environments investigated by small angle X-ray scattering, fluorescence and circular dichroism. <i>Brazilian Journal of Physics</i> , 2004, 34, 58.	0.7	45
59	Urea enhances the photodynamic efficiency of methylene blue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 31-37.	1.7	45
60	Effects of NaCl upon TPPS4 triplet state characteristics and singlet oxygen formation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 187-193.	2.0	43
61	Model for tumour growth with treatment by continuous and pulsed chemotherapy. <i>BioSystems</i> , 2014, 116, 43-48.	0.9	43
62	Understanding membrane remodelling initiated by photosensitized lipid oxidation. <i>Biophysical Chemistry</i> , 2019, 254, 106263.	1.5	43
63	Treatment of melanoma lesions using methylene blue and RL50 light source. <i>Photodiagnosis and Photodynamic Therapy</i> , 2004, 1, 345-346.	1.3	42
64	Nanoscale manipulation of CdSe quantum dots in layer-by-layer films: influence of the host polyelectrolyte on the luminescent properties. <i>Applied Surface Science</i> , 2005, 246, 397-402.	3.1	41
65	Isomeric effect on the properties of tetraplatinated porphyrins showing optimized phototoxicity for photodynamic therapy. <i>Dalton Transactions</i> , 2017, 46, 11037-11045.	1.6	41
66	Laser-Induced Marangoni Convection in the Presence of Surfactant Monolayers. <i>Langmuir</i> , 2002, 18, 9792-9798.	1.6	40
67	Doubly N-Confused Porphyrins as Efficient Sensitizers for Singlet Oxygen Generation. <i>Chemistry Letters</i> , 2003, 32, 244-245.	0.7	40
68	Large magnetic anisotropy in ferrihydrite nanoparticles synthesized from reverse micelles. <i>Nanotechnology</i> , 2006, 17, 5549-5555.	1.3	39
69	Synthesis of Phthalocyanines ²⁺ ALA Conjugates: Water-Soluble Compounds with Low Aggregation. <i>Journal of Organic Chemistry</i> , 2009, 74, 7962-7965.	1.7	37
70	Mechanism of Aloe Vera extract protection against UVA: shelter of lysosomal membrane avoids photodamage. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 334-350.	1.6	37
71	How does the skin sense sun light? An integrative view of light sensing molecules. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2021, 47, 100403.	5.6	37
72	Spike timing-dependent plasticity induces non-trivial topology in the brain. <i>Neural Networks</i> , 2017, 88, 58-64.	3.3	36

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73	Inactivation kinetics and lethal dose analysis of antimicrobial blue light and photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 186-191.	1.3	36
74	Electrical Conductivity, Near-Infrared Absorption, and Thermal Lens Spectroscopic Studies of Percolation of Microemulsions. <i>Journal of Physical Chemistry B</i> , 1997, 101, 4209-4217.	1.2	35
75	Photochemically Generated Stable Cation Radical of Phenothiazine Aggregates in Mildly Acid Buffered Solutions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12257-12265.	1.2	35
76	Photodynamic Efficiency of Cationic <i>meso</i> -Porphyrins at Lipid Bilayers: Insights from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14618-14627.	1.2	35
77	Nucleotide excision repair activity on DNA damage induced by photoactivated methylene blue. <i>Free Radical Biology and Medicine</i> , 2013, 61, 343-356.	1.3	35
78	Autophagy Regulation and Photodynamic Therapy: Insights to Improve Outcomes of Cancer Treatment. <i>Frontiers in Oncology</i> , 2020, 10, 610472.	1.3	35
79	Integrated chaotic communication scheme. <i>Physical Review E</i> , 2000, 62, 4835-4845.	0.8	34
80	Distinct photo-oxidation-induced cell death pathways lead to selective killing of human breast cancer cells. <i>Cell Death and Disease</i> , 2020, 11, 1070.	2.7	34
81	Photochemistry of doubly N-confused porphyrin bonded to non-conventional high oxidation state Ag(III) and Cu(III) ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 403-411.	2.0	33
82	Immobilization of liposomes in nanostructured layer-by-layer films containing dendrimers. <i>Materials Science and Engineering C</i> , 2008, 28, 467-471.	3.8	33
83	Dipole oriented anion binding and exchange in zwitterionic micelles. <i>The Journal of Physical Chemistry</i> , 1991, 95, 5936-5942.	2.9	32
84	Surface Tension Gradients Induced by Temperature: The Thermal Marangoni Effect. <i>Journal of Chemical Education</i> , 2004, 81, 824.	1.1	32
85	Mechanism and Efficiency of Cell Death of Type II Photosensitizers: Effect of Zinc Chelation. <i>Photochemistry and Photobiology</i> , 2012, 88, 774-781.	1.3	32
86	Small scale trial of photodynamic treatment of onychomycosis in São Paulo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 66-68.	1.7	32
87	Singlet oxygen quantum yields (ϕ_d) in water using beetroot extract and an array of LEDs. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 31-36.	0.6	31
88	Relationship between structure and photoactivity of porphyrins derived from protoporphyrin IX. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 832-845.	0.4	30
89	Parallel damage in mitochondrial and lysosomal compartments promotes efficient cell death with autophagy: The case of the pentacyclic triterpenoids. <i>Scientific Reports</i> , 2015, 5, 12425.	1.6	30
90	Kolmogorov's "Sinai entropy from recurrence times. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 1135-1140.	0.9	29

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91	Effects of ionic strength on the antimicrobial photodynamic efficiency of methylene blue. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 595-602.	1.6	29
92	Photodynamic Therapy in <i>Pythium insidiosum</i> – An In Vitro Study of the Correlation of Sensitizer Localization and Cell Death. <i>PLoS ONE</i> , 2014, 9, e85431.	1.1	29
93	Phase and average period of chaotic oscillators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 362, 159-165.	0.9	28
94	Chemical Transformations and Photophysical Properties of <i>meso</i> -Tetrathienyl-Substituted Porphyrin Derivatives. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4536-4547.	1.2	28
95	Lipofuscin Generated by UVA Turns Keratinocytes Photosensitive to Visible Light. <i>Journal of Investigative Dermatology</i> , 2017, 137, 2447-2450.	0.3	28
96	Singlet molecular oxygen trapping by the fluorescent probe diethyl-3,3'-((9,10-anthracenediyl)bisacrylate synthesized by the Heck reaction. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1546-1555.	1.6	26
97	Spectrofluorimetric Determination of Second Critical Micellar Concentration of SDS and SDS/Brij 30 Systems. <i>Journal of Fluorescence</i> , 2009, 19, 327-332.	1.3	25
98	Rapid screening of potential autophagic inductor agents using mammalian cell lines. <i>Biotechnology Journal</i> , 2013, 8, 730-737.	1.8	25
99	Synthesis of functionalized chlorins sterically-prevented from self-aggregation. <i>Dyes and Pigments</i> , 2013, 99, 402-411.	2.0	25
100	Not Only Oxidation of Cardiolipin Affects the Affinity of Cytochrome <i>c</i> for Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2014, 118, 11863-11872.	1.2	25
101	Antimicrobial photodynamic therapy for caseous lymphadenitis abscesses in sheep: Report of ten cases. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 120-122.	1.3	25
102	Structural Investigation of the Effects of Nonelectrolytes and Surfactants on Water by Thermal Lens Spectrometry. <i>The Journal of Physical Chemistry</i> , 1995, 99, 12952-12961.	2.9	24
103	Polymethine cyanine dyes in β -cyclodextrin solution: multiple equilibria and chemical oxidation. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 893-903.	0.9	23
104	Photo-Oxidation of Unilamellar Vesicles by a Lipophilic Pterin: Deciphering Biomembrane Photodamage. <i>Langmuir</i> , 2018, 34, 15578-15586.	1.6	23
105	Treatment of Osteomyelitis in the Feet of Diabetic Patients by Photodynamic Antimicrobial Chemotherapy. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 145-150.	2.1	22
106	Nanoparticle Platform to Modulate Reaction Mechanism of Phenothiazine Photosensitizers. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 3100-3108.	0.9	22
107	Effect of Lipid Coating on the Interaction Between Silica Nanoparticles and Membranes. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 519-528.	0.5	21
108	Fluence Rate Determines PDT Efficiency in Breast Cancer Cells Displaying Different GSH Levels. <i>Photochemistry and Photobiology</i> , 2020, 96, 658-667.	1.3	21

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109	The application of photosensitisers to tropical pathogens in the blood supply. <i>Photodiagnosis and Photodynamic Therapy</i> , 2011, 8, 240-248.	1.3	20
110	Adhesion and proliferation of HeLa and fibroblast cells on chemically-modified gold surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 429-438.	2.5	20
111	Nondestructive and Nonintrusive Determination of Chemical and Isotopic Purity of Solvents by Near-Infrared Thermal Lens Spectrometry. <i>Applied Spectroscopy</i> , 1994, 48, 833-842.	1.2	19
112	Reduction of evaporation of natural water samples by monomolecular films. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1186-1190.	0.6	19
113	Influence of Negatively Charged Interfaces on the Ground and Excited State Properties of Methylene Blue A^+ . <i>Photochemistry and Photobiology</i> , 2003, 77, 459-468.	1.3	19
114	Membrane damage by betulinic acid provides insights into cellular aging. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3129-3143.	1.1	19
115	Mechanism of photobleaching of Ethyl Violet non-covalently bound to bovine serum albumin. <i>Chemical Communications</i> , 1997, , 1791-1792.	2.2	18
116	Control of Cytolocalization and Mechanism of Cell Death by Encapsulation of a Photosensitizer. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1307-1317.	0.5	18
117	Construction of Hybrid Bilayer Membrane (HBM) Biochips and Characterization of the Cooperative Binding between Cytochrome-c and HBM. <i>Langmuir</i> , 2007, 23, 6835-6842.	1.6	17
118	Search for cytotoxic agents in multiple Laurencia complex seaweed species (Ceramiales, Rhodophyta) harvested from the Atlantic Ocean with emphasis on the Brazilian State of Esp�rito Santo. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 239-243.	0.6	17
119	Riboflavin derivatives for enhanced photodynamic activity against Leishmania parasites. <i>Tetrahedron</i> , 2015, 71, 457-462.	1.0	17
120	Inactivation of milk-borne pathogens by blue light exposure. <i>Journal of Dairy Science</i> , 2020, 103, 1261-1268.	1.4	17
121	Lipofuscin in keratinocytes: Production, properties, and consequences of the photosensitization with visible light. <i>Free Radical Biology and Medicine</i> , 2020, 160, 277-292.	1.3	17
122	pH-Dependent Excited-State Properties of N,N-di(2-phosphonoethyl)-1,4,5,8-naphthalenediimide. <i>Photochemistry and Photobiology</i> , 1999, 70, 35-39.	1.3	16
123	Abundance of stable periodic behavior in a Red Grouse population model with delay: A consequence of homoclinicity. <i>Chaos</i> , 2010, 20, 045117.	1.0	16
124	Triplet Excited States and Singlet Oxygen Production by Analogs of Red Wine Pyranoanthocyanins. <i>Photochemistry and Photobiology</i> , 2019, 95, 176-182.	1.3	16
125	Correlation of photodynamic activity and singlet oxygen quantum yields in two series of hydrophobic monocationic porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 55-63.	0.4	15
126	Near-infrared thermal lens spectrometer based on an erbium-doped fiber amplifier and an acousto-optic tunable filter, and its application in the determination of nucleotides. <i>Applied Optics</i> , 1997, 36, 7059.	2.1	14

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127	Metallochlorophylls of magnesium, copper and zinc: evaluation of the influence of the first coordination sphere on their solvatochromism and aggregation properties. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1653-1658.	0.6	14
128	Langmuir Films of Petroleum at the Air-Water Interface. <i>Langmuir</i> , 2009, 25, 12585-12590.	1.6	14
129	Synthesis, spectroscopic characterization, photochemical and photophysical properties and biological activities of ruthenium complexes with mono- and bi-dentate histamine ligand. <i>Dalton Transactions</i> , 2012, 41, 6726.	1.6	14
130	A reliable protocol for colorimetric determination of iron oxide nanoparticle uptake by cells. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6663-6675.	1.9	14
131	The Endogenous Tryptophan-derived Photoproduct 6-formylindolo[3,2-b]carbazole (FICZ) is a Nanomolar Photosensitizer that Can be Harnessed for the Photodynamic Elimination of Skin Cancer Cells <i>in Vitro</i> and <i>in Vivo</i> . <i>Photochemistry and Photobiology</i> , 2021, 97, 180-191.	1.3	14
132	Glutaminolysis dynamics during astrocytoma progression correlates with tumor aggressiveness. <i>Cancer & Metabolism</i> , 2021, 9, 18.	2.4	14
133	pH-Dependent Excited-State Properties of N,N'-di(2-phosphonoethyl)-1,4,5,8-naphthalenediimide. <i>Photochemistry and Photobiology</i> , 1999, 70, 35.	1.3	14
134	Photophysical and photochemical properties of porphyrin and naphthalene diimide modified silica-gel particles. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 116-125.	1.5	13
135	Stock market dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 312, 539-564.	1.2	13
136	Local clinical phototreatment of herpes infection in São Paulo. <i>Photodiagnosis and Photodynamic Therapy</i> , 2012, 9, 118-121.	1.3	13
137	Development of the Tardivo Algorithm to Predict Amputation Risk of Diabetic Foot. <i>PLoS ONE</i> , 2015, 10, e0135707.	1.1	13
138	Effective protection of biological membranes against photo-oxidative damage: Polymeric antioxidant forming a protecting shield over the membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2180-2187.	1.4	13
139	Bisarylselanylbenzo[2,1,3-selenadiazoles: Synthesis, Photophysical, Electrochemical and Singlet-Oxygen-Generation Properties. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6507-6514.	1.2	13
140	Effects of methylene blue-mediated photodynamic therapy on a mouse model of squamous cell carcinoma and normal skin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 154-164.	1.3	13
141	Antioxidant role on the protection of melanocytes against visible light-induced photodamage. <i>Free Radical Biology and Medicine</i> , 2019, 131, 399-407.	1.3	13
142	Ion Pairs of Crystal Violet in Sodium Bis(2-ethylhexyl)sulfosuccinate Reverse Micelles. <i>Langmuir</i> , 2006, 22, 8718-8726.	1.6	12
143	Light-Driven Horseradish Peroxidase Cycle by Using Photo-activated Methylene Blue as the Reducing Agent. <i>Photochemistry and Photobiology</i> , 2007, 83, 1254-1262.	1.3	12
144	Melanin, lipofuscin and the effects of visible light in the skin. <i>Journal of Photochemistry and Photobiology</i> , 2021, 7, 100044.	1.1	12

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145	Molecular organization in hydroperoxidized POPC bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183659.	1.4	12
146	The skin redoxome. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2022, 36, 181-195.	1.3	12
147	On the stock market recurrence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 284, 348-354.	1.2	11
148	Influência de diferentes sistemas de solvente Água-etanol sobre as propriedades físico-químicas e espectroscópicas dos compostos macrocíclicos feofitina e clorofila \pm . <i>Quimica Nova</i> , 2010, 33, 258-262.	0.3	11
149	Plasmid DNA damage induced by singlet molecular oxygen released from the naphthalene endoperoxide DHPNO ₂ and photoactivated methylene blue. <i>Quimica Nova</i> , 2010, 33, 279-283.	0.3	11
150	Improved photodynamic activity of a dual phthalocyanine-ALA photosensitiser. <i>New Journal of Chemistry</i> , 2016, 40, 9666-9671.	1.4	11
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