JosÃ© A S Cavaleiro

List of Publications by Year
in descending order

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460 papers	13,639 citations	30070 54 h-index	54911 84 g-index
493 all docs	493 docs citations	493 times ranked	10928 citing authors

#	Article	IF	Citations
1	Ligand design for functional metalâ€“organic frameworks. Chemical Society Reviews, 2012, 41, 1088-1110.	38.1	725
2	Antimicrobial Photodynamic Therapy: Study of Bacterial Recovery Viability and Potential Development of Resistance after Treatment. Marine Drugs, 2010, 8, 91-105.	4.6	340
3	meso-Substituted expanded porphyrins: new and stable hexaphyrins. Chemical Communications, 1999, , 385-386.	4.1	193
4	Charge effect on the photoinactivation of Gram-negative and Gram-positive bacteria by cationic meso-substituted porphyrins. BMC Microbiology, 2009, 9, 70.	3.3	190
5	Strategies for Corrole Functionalization. Chemical Reviews, 2017, 117, 3192-3253.	47.7	182
6	Synthesis and Antibacterial Activity of New Poly-S-lysineâ^'Porphyrin Conjugates. Journal of Medicinal Chemistry, 2004, 47, 6649-6652.	6.4	148
7	Synthesis of glycoporphyrin derivatives and their antiviral activity against herpes simplex virus types 1 and 2. Bioorganic and Medicinal Chemistry, 2005, 13, 3878-3888.	3.0	128
8	2-Styrylchromones: Novel strong scavengers of reactive oxygen and nitrogen species. Bioorganic and Medicinal Chemistry, 2007, 15, 6027-6036.	3.0	125
9	1,3-Dipolar Cycloaddition Reactions of Porphyrins with Azomethine Ylidesâ€. Journal of Organic Chemistry, 2005, 70, 2306-2314.	3.2	113
10	Functional Cationic Nanomagnetâ^'Porphyrin Hybrids for the Photoinactivation of Microorganisms. ACS Nano, 2010, 4, 7133-7140.	14.6	112
11	Photodynamic inactivation of multidrug-resistant bacteria in hospital wastewaters: influence of residual antibiotics. Photochemical and Photobiological Sciences, 2014, 13, 626-633.	2.9	112
12	Mechanisms of photodynamic inactivation of a Gram-negative recombinant bioluminescent bacterium by cationic porphyrins. Photochemical and Photobiological Sciences, 2011, 10, 1659-1669.	2.9	106
13	Chromones and flavanones from artemisia campestris subsp. maritima. Phytochemistry, 1998, 49, 1421-1424.	2.9	104
14	Phthalocyanine Blends Improve Bulk Heterojunction Solar Cells. Journal of the American Chemical Society, 2010, 132, 2552-2554.	13.7	102
15	Cancer, Photodynamic Therapy and Porphyrin-Type Derivatives. Anais Da Academia Brasileira De Ciencias, 2018, 90, 993-1026.	0.8	100
16	Oxidation of alkylaromatics with hydrogen peroxide catalysed by manganese(III) porphyrins in the presence of ammonium acetate. Journal of Molecular Catalysis A, 2003, 201, 9-22.	4.8	98
17	Synthesis and antioxidant activity of long chain alkyl hydroxycinnamates. European Journal of Medicinal Chemistry, 2011, 46, 773-777.	5.5	95
18	[1,2,3,4-Tetrakis(Î±/Î²-d-galactopyranos-6-yl)phthalocyaninato]zinc(II): a water-soluble phthalocyanine. Tetrahedron Letters, 2006, 47, 9177-9180.	1.4	93

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19	Photoinactivation of bacteria in wastewater by porphyrins: Bacterial Î²-galactosidase activity and leucine-uptake as methods to monitor the process. Journal of Photochemistry and Photobiology B: Biology, 2007, 88, 112-118.	3.8	93
20	Porphyrin and phthalocyanine glycodendritic conjugates: synthesis, photophysical and photochemical properties. Chemical Communications, 2012, 48, 3608.	4.1	93
21	Evaluation of resistance development and viability recovery by a non-enveloped virus after repeated cycles of aPDT. Antiviral Research, 2011, 91, 278-282.	4.1	89
22	Structural Characterization of the Lignin from the Nodes and Internodes ofArundo donaxReed. Journal of Agricultural and Food Chemistry, 2000, 48, 817-824.	5.2	85
23	meso-Arylporphyrins as dienophiles in Dielsâ€“Alder reactions: a novel approach to the synthesis of chlorins, bacteriochlorins and naphthoporphyrins. Chemical Communications, 1997, , 1199-1200.	4.1	84
24	meso-Tetraarylporphyrins as dipolarophiles in 1,3-dipolar cycloaddition reactions. Chemical Communications, 1999, , 1767-1768.	4.1	84
25	Amphiphilic phthalocyanineâ€“cyclodextrin conjugates for cancer photodynamic therapy. Chemical Communications, 2014, 50, 8363-8366.	4.1	84
26	Corroles as anion chemosensors: exploiting their fluorescence behaviour from solution to solid-supported devices. Journal of Materials Chemistry, 2012, 22, 13811.	6.7	83
27	Photodynamic inactivation of Penicillium chrysogenum conidia by cationic porphyrins. Photochemical and Photobiological Sciences, 2011, 10, 1735-1743.	2.9	82
28	Photodynamic inactivation of Escherichia coli with cationic meso-tetraarylporphyrins â€“ The charge number and charge distribution effects. Catalysis Today, 2016, 266, 197-204.	4.4	82
29	Photodynamic inactivation of recombinant bioluminescent Escherichia coli by cationic porphyrins under artificial and solar irradiation. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1447-1454.	3.0	81
30	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. Photochemical and Photobiological Sciences, 2008, 7, 415.	2.9	80
31	5,10,15,20-tetrakis(pentafluorophenyl)porphyrin: a versatile platform to novel porphyrinic materials. Journal of Porphyrins and Phthalocyanines, 2011, 15, 1116-1133.	0.8	78
32	Chalcones as Versatile Synthons for the Synthesis of 5- and 6-membered Nitrogen Heterocycles. Current Organic Chemistry, 2014, 18, 2750-2775.	1.6	76
33	Porphyrins in 1,3-dipolar cycloaddition reactions with sugar nitrones. Synthesis of glycoconjugated isoxazolidine-fused chlorins and bacteriochlorins. Tetrahedron Letters, 2002, 43, 603-605.	1.4	72
34	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. Photochemical and Photobiological Sciences, 2010, 9, 1126.	2.9	71
35	Oxidation of aromatic monoterpenes with hydrogen peroxide catalysed by Mn(III) porphyrin complexes. Journal of Molecular Catalysis A, 1999, 137, 41-47.	4.8	69
36	Photodynamic effects induced by meso-tris(pentafluorophenyl)corrole and its cyclodextrin conjugates on cytoskeletal components of HeLa cells. European Journal of Medicinal Chemistry, 2015, 92, 135-144.	5.5	69

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37	Oxidation of unsaturated monoterpenes with hydrogen peroxide catalysed by manganese(III) porphyrin complexes. Journal of Molecular Catalysis A, 2001, 172, 33-42.	4.8	68
38	Synthesis of water-soluble phthalocyanines bearing four or eight d-galactose units. Carbohydrate Research, 2009, 344, 507-510.	2.3	68
39	Photodynamic Antimicrobial Chemotherapy in Aquaculture: Photoinactivation Studies of Vibrio fischeri. PLoS ONE, 2011, 6, e20970.	2.5	67
40	Synthesis and Antioxidant Activity of [60]Fullereneâ€“BHT Conjugates. Chemistry - A European Journal, 2006, 12, 4646-4653.	3.3	66
41	Synthesis and antioxidant properties of new chromone derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 7218-7226.	3.0	66
42	A new insight on nanomagnetâ€“porphyrin hybrids for photodynamic inactivation of microorganisms. Dyes and Pigments, 2014, 110, 80-88.	3.7	65
43	Porphyrins and Phthalocyanines Decorated with Dendrimers: Synthesis and Biomedical Applications. Current Organic Synthesis, 2014, 11, 110-126.	1.3	64
44	Pyrroles and related compounds. Part XXXII. Biosynthesis of protoporphyrin-IX from coproporphyrinogen-III. Journal of the Chemical Society Perkin Transactions 1, 1974, 10, 1188.	0.9	63
45	Homogeneous catalytic oxidation of styrene and styrene derivatives with hydrogen peroxide in the presence of transition metal-substituted polyoxotungstates. Catalysis Science and Technology, 2015, 5, 351-363.	4.1	63
46	Phenolic constituents from the core of Kenaf (Hibiscus cannabinus). Phytochemistry, 2001, 56, 759-767.	2.9	62
47	Association of Keggin-type anions with cationic meso-substituted porphyrins: synthesis, characterization and oxidative catalytic studies. Journal of Molecular Catalysis A, 2005, 231, 35-45.	4.8	62
48	Synthesis of Novel N-Linked Porphyrinâ^'Phthalocyanine Dyads. Organic Letters, 2007, 9, 1557-1560.	4.6	61
49	Phthalocyanine Thioâ€Pyridinium Derivatives as Antibacterial Photosensitizers^{â€}. Photochemistry and Photobiology, 2012, 88, 537-547.	2.5	60
50	New porphyrin derivatives for phosphate anion sensing in both organic and aqueous media. Chemical Communications, 2014, 50, 1359-1361.	4.1	58
51	Synthesis of New Î²-Substitutedmeso-Tetraphenylporphyrins via 1,3-Dipolar Cycloaddition Reactions. 1. Journal of Organic Chemistry, 2002, 67, 726-732.	3.2	56
52	Porphyrins and other pyrrolic macrocycles in cycloaddition reactions. Journal of Porphyrins and Phthalocyanines, 2009, 13, 408-414.	0.8	55
53	Comparative photodynamic inactivation of antibiotic resistant bacteria by first and second generation cationic photosensitizers. Photochemical and Photobiological Sciences, 2012, 11, 1905-1913.	2.9	55
54	Synthesis, Spectroscopy Studies, and Theoretical Calculations of New Fluorescent Probes Based on Pyrazole Containing Porphyrins for Zn(II), Cd(II), and Hg(II) Optical Detection. Inorganic Chemistry, 2014, 53, 6149-6158.	4.0	55

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55	Synthesis and electrochemical investigation of Î²-alkyloxy substituted meso-tetraphenylporphyrins. Tetrahedron, 1993, 49, 8569-8578.	1.9	54
56	Synthesis and Photophysical Studies of New Porphyrin-Phthalocyanine Dyads with Hindered Rotation. European Journal of Organic Chemistry, 2006, 2006, 257-267.	2.4	53
57	Antimicrobial photodynamic activity of porphyrin derivatives: potential application on medical and water disinfection. Journal of Porphyrins and Phthalocyanines, 2009, 13, 574-577.	0.8	53
58	Silica nanoparticles functionalized with porphyrins and analogs for biomedical studies. Journal of Porphyrins and Phthalocyanines, 2011, 15, 517-533.	0.8	53
59	Fluorescent Bioactive Corrole Grafted-Chitosan Films. Biomacromolecules, 2016, 17, 1395-1403.	5.4	53
60	A comparative study between Keggin-type tungstophosphates and tungstosilicates in the oxidation of cyclooctane with hydrogen peroxide. Journal of Molecular Catalysis A, 2004, 222, 159-165.	4.8	52
61	Iron(III)-substituted polyoxotungstates immobilized on silica nanoparticles: Novel oxidative heterogeneous catalysts. Catalysis Communications, 2011, 12, 459-463.	3.3	52
62	Facile synthesis of hydrogenated reduced graphene oxide via hydrogen spillover mechanism. Journal of Materials Chemistry, 2012, 22, 10457.	6.7	52
63	Phosphotungstates as catalysts for monoterpenes oxidation: Homo- and heterogeneous performance. Catalysis Today, 2013, 203, 95-102.	4.4	52
64	Singlet oxygen formation and photostability of meso-tetraarylporphyrin derivatives and their copper complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 144, 131-140.	3.9	51
65	Porphyrins in 1,3-Dipolar Cycloaddition Reactions. Synthesis of New Porphyrinâ^'Chlorin and Porphyrinâ^'Tetraazachlorin Dyads. Journal of Organic Chemistry, 2006, 71, 8352-8356.	3.2	51
66	Epoxidation reactions with hydrogen peroxide activated by a novel heterogeneous metalloporphyrin catalyst. Journal of Molecular Catalysis A, 2006, 256, 321-323.	4.8	51
67	Diporphyrinylamines: Synthesis and Electrochemistry. Organic Letters, 2011, 13, 4742-4745.	4.6	51
68	Synthesis of neutral and cationic tripyridylporphyrin-d-galactose conjugates and the photoinactivation of HSV-1. Bioorganic and Medicinal Chemistry, 2007, 15, 4705-4713.	3.0	50
69	Multi-functional metalâ€“organic frameworks assembled from a tripodal organic linker. Journal of Materials Chemistry, 2012, 22, 18354.	6.7	50
70	Galactodendritic Phthalocyanine Targets Carbohydrate-Binding Proteins Enhancing Photodynamic Therapy. PLoS ONE, 2014, 9, e95529.	2.5	50
71	Î²,Î²â€²â€“Corrole dimers. Tetrahedron Letters, 2006, 47, 8171-8174.	1.4	49
72	[1,2,3]Triazolo[4,5-b]porphyrins: New Building Blocks for Porphyrinic Materials. Angewandte Chemie - International Edition, 2006, 45, 5487-5491.	13.8	49

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73	Highly Enantioselective 1,4â€Michael Additions of Nucleophiles to Unsaturated Aryl Ketones with Organocatalysis by Bifunctional Cinchona Alkaloids. European Journal of Organic Chemistry, 2010, 2010, 3449-3458.	2.4	49
74	The photo-oxidation of meso-tetraphenylporphyrins. Journal of the Chemical Society Perkin Transactions 1, 1990, , 1937.	0.9	48
75	Syntheses of 5â€hydroxyâ€2â€(phenyl or styryl)chromones and of some halo derivatives. Journal of Heterocyclic Chemistry, 1996, 33, 1887-1893.	2.6	48
76	Silica supported transition metal substituted polyoxotungstates: Novel heterogeneous catalysts in oxidative transformations with hydrogen peroxide. Applied Catalysis A: General, 2011, 392, 28-35.	4.3	48
77	Synthesis and Photophysical Properties of Fullereneâ€“Phthalocyanineâ€“Porphyrin Triads and Pentads. Chemistry - A European Journal, 2012, 18, 1727-1736.	3.3	48
78	Photodynamic oxidation of Escherichia coli membrane phospholipids: new insights based on lipidomics. Rapid Communications in Mass Spectrometry, 2013, 27, 2717-2728.	1.5	48
79	2-Styrlchromones: Biological Action, Synthesis and Reactivity. Heterocycles, 1993, 36, 2601.	0.7	48
80	Decorating graphene nanosheets with electron accepting pyridyl-phthalocyanines. Nanoscale, 2015, 7, 5674-5682.	5.6	47
81	Cycloaddition reactions of porphyrins. Arkivoc, 2004, 2003, 107-130.	0.5	47
82	An efficient approach for aromatic epoxidation using hydrogen peroxide and Mn(iii) porphyrins. Chemical Communications, 2004, , 608-609.	4.1	46
83	Porphyrinâ€“Phthalocyanine/Pyridylfullerene Supramolecular Assemblies. Chemistry - A European Journal, 2012, 18, 3210-3219.	3.3	46
84	Involvement of type I and type II mechanisms on the photoinactivation of non-enveloped DNA and RNA bacteriophages. Journal of Photochemistry and Photobiology B: Biology, 2013, 120, 10-16.	3.8	45
85	Glycophthalocyanines as Photosensitizers for Triggering Mitotic Catastrophe and Apoptosis in Cancer Cells. Chemical Research in Toxicology, 2012, 25, 940-951.	3.3	44
86	Photodynamic inactivation of bioluminescent Escherichia coli by neutral and cationic pyrrolidine-fused chlorins and isobacteriochlorins. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 808-812.	2.2	44
87	New Materials Based on Cationic Porphyrins Conjugated to Chitosan or Titanium Dioxide: Synthesis, Characterization and Antimicrobial Efficacy. International Journal of Molecular Sciences, 2019, 20, 2522.	4.1	44
88	Novel barrelene-fused chlorins by Dielsâ€“Alder reactions. Tetrahedron Letters, 2000, 41, 3065-3068.	1.4	43
89	Synthesis of new amphiphilic chlorin derivatives from protoporphyrin-IX dimethyl ester. Tetrahedron, 2008, 64, 8709-8715.	1.9	43
90	New porphyrin amino acid conjugates: Synthesis and photodynamic effect in human epithelial cells. Bioorganic and Medicinal Chemistry, 2010, 18, 6170-6178.	3.0	43

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91	New platinum(II)â€“bipyridyl corrole complexes: Synthesis, characterization and binding studies with DNA and HSA. Journal of Inorganic Biochemistry, 2015, 153, 32-41.	3.5	43
92	Bile pigment studies. Part 4. Some novel reactions of metalloporphyrins with thallium(III) and cerium(IV) salts. Ring cleavage of meso-tetraphenylporphyrin. Journal of the Chemical Society Perkin Transactions 1, 1978, , 768.	0.9	42
93	Porphyrins in 1,3-Dipolar Cycloaddition Reactions: Synthesis of a Novel Pyrazoline-fused Chlorin and a Pyrazole-fused Porphyrin. Synlett, 2002, 2002, 1155-1157.	1.8	42
94	Synthesis of cationic Î²-vinyl substituted meso-tetraphenylporphyrins and their in vitro activity against herpes simplex virus type 1. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3333-3337.	2.2	42
95	Oxidation of styrene and of some derivatives with H2O2 catalyzed by novel imidazolium-containing manganese porphyrins: A mechanistic and thermodynamic interpretation. Journal of Molecular Catalysis A, 2011, 345, 1-11.	4.8	42
96	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. Bioorganic and Medicinal Chemistry, 2013, 21, 4311-4318.	3.0	42
97	Indigo dye production by enzymatic mimicking based on an iron(III)porphyrin. Journal of Catalysis, 2014, 315, 33-40.	6.2	42
98	New gallium(III) corrole complexes as colorimetric probes for toxic cyanide anion. Inorganica Chimica Acta, 2014, 417, 148-154.	2.4	42
99	A convenient synthesis of new (E)-5-hydroxy-2-styrylchromones by modifications of the Bakerâ€“Venkataraman method. New Journal of Chemistry, 2000, 24, 85-92.	2.8	41
100	Dielsâ€“Alder reactions of chromone-3-carboxaldehydes with ortho-benzoquinodimethane. New synthesis of benzo[b]xanthones. Tetrahedron, 2002, 58, 105-114.	1.9	41
101	A New Synthetic Approach to N-Arylquinolino[2,3,4-at]porphyrins from Î²-Arylaminoporphyrins. Journal of Organic Chemistry, 2008, 73, 7353-7356.	3.2	41
102	Corrole and Corrole Functionalized Silica Nanoparticles as New Metal Ion Chemosensors: A Case of Silver Satellite Nanoparticles Formation. Inorganic Chemistry, 2013, 52, 8564-8572.	4.0	41
103	Mimicking P450 processes and the use of metalloporphyrins. Pure and Applied Chemistry, 2013, 85, 1671-1681.	1.9	41
104	Porphyrin conjugated with serum albumins and monoclonal antibodies boosts efficiency in targeted destruction of human bladder cancer cells. Organic and Biomolecular Chemistry, 2014, 12, 1804.	2.8	41
105	Porphyrins in Dielsâ€“Alder reactions. Improvements on the synthesis of barrelene-fused chlorins using microwave irradiation. Tetrahedron Letters, 2005, 46, 4723-4726.	1.4	40
106	First phthalocyanineâ€“Î²-cyclodextrin dyads. Tetrahedron Letters, 2006, 47, 6129-6132.	1.4	40
107	4â€²-Methoxy-2-styrylchromone a novel microtubule-stabilizing antimitotic agent. Biochemical Pharmacology, 2008, 75, 826-835.	4.4	40
108	Control of Listeria innocua biofilms by biocompatible photodynamic antifouling chitosan based materials. Dyes and Pigments, 2017, 137, 265-276.	3.7	40

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109	Synthesis and reactivity of styrylchromones. Arkivoc, 2004, 2004, 106-123.	0.5	39
110	New coumarinâ€“corrole and â€“porphyrin conjugate multifunctional probes for anionic or cationic interactions: synthesis, spectroscopy, and solid supported studies. Tetrahedron, 2014, 70, 3361-3370.	1.9	39
111	Pyrrolidine-fused chlorin photosensitizer immobilized on solid supports for the photoinactivation of Gram negative bacteria. Dyes and Pigments, 2014, 110, 123-133.	3.7	39
112	1H and13C NMR Spectroscopy of mono-, di-, tri- and tetrasubstituted xanthones. Magnetic Resonance in Chemistry, 1998, 36, 305-309.	1.9	38
113	Kinetic study ofmesoâ€tetraphenylporphyrin synthesis under microwave irradiation. Journal of Heterocyclic Chemistry, 2008, 45, 453-459.	2.6	38
114	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation. Photochemical and Photobiological Sciences, 2012, 11, 1520-1523.	2.9	38
115	Novel (E)- and (Z)-2-Styrylchromones from (E, E)-2â€²-Hydroxycinnamylideneacetophenones â€“ Xanthones from Daylight Photooxidative Cyclization of (E)-2-Styrylchromones. European Journal of Organic Chemistry, 1998, 1998, 2031-2038.	2.4	37
116	[60]Fullereneâ€“flavonoid dyads. Tetrahedron, 2004, 60, 3581-3592.	1.9	37
117	Novel Mn(III)chlorins as versatile catalysts for oxyfunctionalisation of hydrocarbons under homogeneous conditions. Journal of Molecular Catalysis A, 2005, 239, 138-143.	4.8	37
118	Synthesis of Pyrazoles by Treatment of 3-Benzylchromones, 3-Benzylflavones and Their 4-Thio Analogues with Hydrazine. European Journal of Organic Chemistry, 2006, 2006, 2825-2832.	2.4	37
119	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. Biochemical Pharmacology, 2009, 78, 171-177.	4.4	37
120	Ohmic heating as a new efficient process for organic synthesis in water. Green Chemistry, 2013, 15, 970.	9.0	37
121	Biomimetic oxidation of indole by Mn(III)porphyrins. Applied Catalysis A: General, 2014, 470, 427-433.	4.3	37
122	A New 3,5â€Bisporphyrinylpyridine Derivative as a Fluorescent Ratiometric Probe for Zinc Ions. Chemistry - A European Journal, 2014, 20, 6684-6692.	3.3	37
123	Mitochondria-Targeted Photodynamic Therapy with a Galactodendritic Chlorin to Enhance Cell Death in Resistant Bladder Cancer Cells. Bioconjugate Chemistry, 2016, 27, 2762-2769.	3.6	37
124	Pyrimidine ortho-quinodimethanes. Tetrahedron, 1996, 52, 1735-1746.	1.9	36
125	Growth control of different Fusarium species by selected flavones and flavonoid mixtures. Mycological Research, 1998, 102, 638-640.	2.5	36
126	Reaction of (2-amino-5,10,15,20-tetraphenylporphyrinato)nickel(II) with quinones. Tetrahedron, 2005, 61, 11866-11872.	1.9	36

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127	Applicability of photodynamic antimicrobial chemotherapy as an alternative to inactivate fish pathogenic bacteria in aquaculture systems. Photochemical and Photobiological Sciences, 2011, 10, 1691-1700.	2.9	36
128	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. Photochemical and Photobiological Sciences, 2015, 14, 1853-1863.	2.9	36
129	Galactodendritic Porphyrinic Conjugates as New Biomimetic Catalysts for Oxidation Reactions. Inorganic Chemistry, 2015, 54, 4382-4393.	4.0	36
130	DEHYDROGENATION BY IODINE/DIMETHYLSULFOXIDE SYSTEM: A GENERAL ROUTE TO SUBSTITUTED CHROMONES AND THIOCHROMONES. Heterocyclic Communications, 1997, 3, .	1.2	35
131	Structural Characterization of the Bark and Core Lignins from Kenaf (Hibiscus cannabinus). Journal of Agricultural and Food Chemistry, 1998, 46, 3100-3108.	5.2	35
132	Part 2. meso-Tetraphenylporphyrin Dimer Derivatives as Potential Photosensitizers in Photodynamic TherapyÂ¶. Photochemistry and Photobiology, 2000, 72, 217.	2.5	35
133	Sandwich-type tungstophosphates in the catalytic oxidation of cycloalkanes with hydrogen peroxide. Journal of Molecular Catalysis A, 2007, 262, 41-47.	4.8	35
134	Chemical Transformations of Monoâ€•and Bis(butaâ€•1,3â€•dienâ€•1â€•yl)porphyrins: A New Synthetic Approach to Monoâ€•and Dibenzoporphyrins. European Journal of Organic Chemistry, 2008, 2008, 704-712.	2.4	35
135	Cyclic voltammetric analysis of 2-styrylchromones: Relationship with the antioxidant activity. Bioorganic and Medicinal Chemistry, 2008, 16, 7939-7943.	3.0	35
136	J-aggregate formation in bis-(4-carboxyphenyl)porphyrins in waterâ€‰:â€‰pH and counterion dependence. New Journal of Chemistry, 2010, 34, 2757.	2.8	35
137	Mono-substituted silicotungstates as active catalysts for sustainable oxidations: homo- and heterogeneous performance. New Journal of Chemistry, 2013, 37, 2341.	2.8	35
138	Chemical composition of the light petroleum extract ofHibiscus cannabinus bark and core. Phytochemical Analysis, 2000, 11, 345-350.	2.4	34
139	Synthesis of porphyrinâ€“quinolone conjugates. Tetrahedron Letters, 2008, 49, 7268-7270.	1.4	34
140	Catalytic homogeneous oxyfunctionalization with hydrogen peroxide in the presence of a peroxotungstate. Applied Catalysis A: General, 2008, 351, 166-173.	4.3	34
141	Homogeneous olefin epoxidation catalysed by an imidazolium-based manganese porphyrin. Catalysis Communications, 2008, 10, 57-60.	3.3	34
142	Panchromatic light harvesting in single wall carbon nanotube hybridsâ€”immobilization of porphyrinâ€“phthalocyanine conjugates. Chemical Communications, 2011, 47, 3490.	4.1	34
143	Oxidation of Polycyclic Aromatic Hydrocarbons with Hydrogen Peroxide in the Presence of Transition Metal Monoâ€Substituted Kegginâ€Type Polyoxometalates. ChemCatChem, 2011, 3, 771-779.	3.7	34
144	Glycol metalloporphyrin derivatives in solution or immobilized on LDH and silica: synthesis, characterization and catalytic features in oxidation reactions. Catalysis Science and Technology, 2014, 4, 129-141.	4.1	34

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145	5-Hydroxy-2-(phenyl or styryl) chromones: One-pot synthesis and C-6, C-8 13C NMR assignments. Tetrahedron Letters, 1994, 35, 5899-5902.	1.4	33
146	Synthesis of 4â€Arylâ€3â€(2â€chromonyl)â€2â€pyrazolines by the 1,3â€dipolar cycloaddition of 2â€styrylchromones with diazomethane. Journal of Heterocyclic Chemistry, 1998, 35, 217-224.	2.6	33
147	Oxidation of bicyclic arenes with hydrogen peroxide catalysed by Mn(III) porphyrins. Journal of Molecular Catalysis A, 2005, 232, 135-142.	4.8	33
148	Synthesis and reactivity of 2-(porphyrin-2-yl)-1,3-dicarbonyl compounds. Tetrahedron, 2005, 61, 10454-10461.	1.9	33
149	Oxidation of organosulfur compounds using an iron(III) porphyrin complex: An environmentally safe and efficient approach. Applied Catalysis B: Environmental, 2014, 160-161, 80-88.	20.2	33
150	Photophysical properties of a photocytotoxic fluorinated chlorin conjugated to four Î²-cyclodextrins. Photochemical and Photobiological Sciences, 2008, 7, 834-843.	2.9	32
151	Synthesis and antioxidant activity of [60]fullereneâ€“flavonoid conjugates. Tetrahedron, 2009, 65, 253-262.	1.9	32
152	The role of galectin-1 in inÂvitro and inÂvivo photodynamic therapy with a galactodendritic porphyrin. European Journal of Cancer, 2016, 68, 60-69.	2.8	32
153	NMR and Structural and Conformational Features of 2â€²-Hydroxychalcones and Flavones. Spectroscopy Letters, 1997, 30, 1655-1667.	1.0	31
154	Mesoâ€Tetraphenylporphyrin Dimer Derivative as a Potential Photosensitizer in Photodynamic Therapy. Photochemistry and Photobiology, 1997, 66, 405-412.	2.5	31
155	2-Styrylchromones As Novel Inhibitors of Xanthine Oxidase. A Structure-activity Study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2002, 17, 45-48.	5.2	31
156	Hepatoprotective activity of polyhydroxylated 2-styrylchromones against tert-butylhydroperoxide induced toxicity in freshly isolated rat hepatocytes. Archives of Toxicology, 2003, 77, 500-505.	4.2	31
157	An Easy Synthetic Approach to Pyridoporphyrins by Domino ReactionsÂ§. Organic Letters, 2007, 9, 2305-2308.	4.6	31
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