

Mariette M Pereira

List of Publications by Year in descending order

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197
papers

6,827
citations

53751

45
h-index

82499

72
g-index

214
all docs

214
docs citations

214
times ranked

6285
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoisomeric Tris-BINOL-Menthol Bulky Monophosphites: Synthesis, Characterisation and Application in Rhodium-Catalysed Hydroformylation. <i>Molecules</i> , 2022, 27, 1989.	1.7	4
2	Synergic dual phototherapy: Cationic imidazolyl photosensitizers and ciprofloxacin for eradication of in vitro and in vivo <i>E. coli</i> infections. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 233, 112499.	1.7	12
3	Photodisinfection of material surfaces and bacterial skin infections by a detergent loaded with curcumin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, , 103021.	1.3	1
4	Supported metalloporphyrins as reusable catalysts for the degradation of antibiotics: Synthesis, characterization, activity and ecotoxicity studies. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119556.	10.8	23
5	Biocompatible ring-deformed indium phthalocyanine label for near-infrared photoacoustic imaging. <i>Inorganica Chimica Acta</i> , 2021, 514, 119993.	1.2	7
6	Donor Functionalized Iron(II) N-heterocyclic Carbene Complexes in Transfer Hydrogenation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 22-29.	1.0	13
7	Nitrobenzene method: A keystone in <i>meso</i> -substituted halogenated porphyrin synthesis and applications. , 2021, , 441-458.		0
8	Advances in the automated synthesis of 6-[18F]Fluoro-L-DOPA. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 11.	1.8	8
9	Synthesis of Computationally Designed 2,5(6)-Benzimidazole Derivatives via Pd-Catalyzed Reactions for Potential <i>E. coli</i> DNA Gyrase B Inhibition. <i>Molecules</i> , 2021, 26, 1326.	1.7	4
10	Photophysical and Antibacterial Properties of Porphyrins Encapsulated inside Acetylated Lignin Nanoparticles. <i>Antibiotics</i> , 2021, 10, 513.	1.5	17
11	Immobilization of Rh(I)-N-Xantphos and Fe(II)-C-Scorpionate onto Magnetic Nanoparticles: Reusable Catalytic System for Sequential Hydroformylation/Acetalization. <i>Catalysts</i> , 2021, 11, 608.	1.6	6
12	Reusable Catalysts for Hydroformylation-Based Reactions. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2294-2324.	1.0	22
13	Photodynamic inactivation of influenza virus as a potential alternative for the control of respiratory tract infections. <i>Journal of Photochemistry and Photobiology</i> , 2021, 7, 100043.	1.1	6
14	Al(III) phthalocyanine catalysts for CO ₂ addition to epoxides: Fine-tunable selectivity for cyclic carbonates versus polycarbonates. <i>Journal of Organometallic Chemistry</i> , 2021, 950, 121979.	0.8	4
15	Water soluble near infrared dyes based on PEGylated-Tetrapyrrolic macrocycles. <i>Dyes and Pigments</i> , 2021, 195, 109677.	2.0	9
16	Transport and photophysical studies on porphyrin-containing sulfonated poly(etheretherketone) composite membranes. <i>Materials Today Communications</i> , 2021, 29, 102781.	0.9	3
17	Tervalent phosphorus acid derivatives. <i>Organophosphorus Chemistry</i> , 2021, , 115-149.	0.3	1
18	Photodynamic disinfection and its role in controlling infectious diseases. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1497-1545.	1.6	37

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19	Oxidative Degradation of Pharmaceuticals: The Role of Tetrapyrrole-Based Catalysts. <i>Catalysts</i> , 2021, 11, 1335.	1.6	17
20	Hydroaminomethylation reaction as powerful tool for preparation of rhodium/phosphine-functionalized nanomaterials. Catalytic evaluation in styrene hydroformylation. <i>Catalysis Today</i> , 2020, 356, 456-463.	2.2	6
21	Multifunctionalization of cyanuric chloride for the stepwise synthesis of potential multimodal imaging chemical entities. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2517-2525.	2.3	4
22	Antibacterial Photodynamic Inactivation of Antibiotic-Resistant Bacteria and Biofilms with Nanomolar Photosensitizer Concentrations. <i>ACS Infectious Diseases</i> , 2020, 6, 1517-1526.	1.8	56
23	Photoacoustic generation of intense and broadband ultrasound pulses with functionalized carbon nanotubes. <i>Nanoscale</i> , 2020, 12, 20831-20839.	2.8	16
24	Sequential catalytic carbonylation reactions for sustainable synthesis of biologically relevant entities. <i>Journal of Organometallic Chemistry</i> , 2020, 923, 121417.	0.8	3
25	Porphyrim-Loaded Lignin Nanoparticles Against Bacteria: A Photodynamic Antimicrobial Chemotherapy Application. <i>Frontiers in Microbiology</i> , 2020, 11, 606185.	1.5	32
26	Avoiding ventilator-associated pneumonia: Curcumin-functionalized endotracheal tube and photodynamic action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22967-22973.	3.3	34
27	Porphyrim-“Nanodiamond Hybrid Materials” Active, Stable and Reusable Cyclohexene Oxidation Catalysts. <i>Catalysts</i> , 2020, 10, 1402.	1.6	9
28	Preface to the Special Issue Selected Contributions of the XXVI Iberoamerican Congress on catalysis “50 years. <i>Catalysis Today</i> , 2020, 356, 187-188.	2.2	0
29	Advanced Mechanochemistry Device for Sustainable Synthetic Processes. <i>ACS Omega</i> , 2020, 5, 10868-10877.	1.6	19
30	Synthesis of Iron(II)-N-Heterocyclic Carbene Complexes: Paving the Way for a New Class of Antibiotics. <i>Molecules</i> , 2020, 25, 2917.	1.7	5
31	Monoterpene-based metallophthalocyanines: Sustainable synthetic approaches and photophysical studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 947-958.	0.4	5
32	Conjugating biomaterials with photosensitizers: advancers and perspectives for photodynamic antimicrobial chemotherapy. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 445-461.	1.6	72
33	Enhanced Cellular Uptake and Photodynamic Effect with Amphiphilic Fluorinated Porphyrins: The Role of Sulfoester Groups and the Nature of Reactive Oxygen Species. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2786.	1.8	27
34	Control of the distance between porphyrin sensitizers and the TiO ₂ surface in solar cells by designed anchoring groups. <i>Journal of Molecular Structure</i> , 2019, 1196, 444-454.	1.8	9
35	Photoinactivation of microorganisms with sub-micromolar concentrations of imidazolium metallophthalocyanine salts. <i>European Journal of Medicinal Chemistry</i> , 2019, 184, 111740.	2.6	36
36	A biocompatible redox MRI probe based on a Mn(II)/Mn(III) porphyrin. <i>Dalton Transactions</i> , 2019, 48, 3249-3262.	1.6	24

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37	Hybrid materials for heterogeneous photocatalytic degradation of antibiotics. <i>Coordination Chemistry Reviews</i> , 2019, 395, 63-85.	9.5	141
38	Nitrobenzene method: A keystone in <i>meso</i> -substituted halogenated porphyrin synthesis and applications. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 329-346.	0.4	9
39	Bioinspired-Metalloporphyrin Magnetic Nanocomposite as a Reusable Catalyst for Synthesis of Diastereomeric (α)-Isopulegol Epoxide: Anticancer Activity Against Human Osteosarcoma Cells (MG-63). <i>Molecules</i> , 2019, 24, 52.	1.7	11
40	A recyclable hybrid manganese(III) porphyrin magnetic catalyst for selective olefin epoxidation using molecular oxygen. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 331-341.	0.4	19
41	Manganese π -Heterocyclic Carbene Complexes for Catalytic Reduction of Ketones with Silanes. <i>ChemCatChem</i> , 2018, 10, 2734-2740.	1.8	51
42	Hybrid Metalloporphyrin Magnetic Nanoparticles as Catalysts for Sequential Transformation of Alkenes and CO ₂ into Cyclic Carbonates. <i>ChemCatChem</i> , 2018, 10, 2792-2803.	1.8	34
43	Molecular-based selection of porphyrins towards the sensing of explosives in the gas phase. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 116-124.	4.0	20
44	Translating phototherapeutic indices from in vitro to in vivo photodynamic therapy with bacteriochlorins. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 451-459.	1.1	24
45	Metalloporphyrins: Bioinspired Oxidation Catalysts. <i>ACS Catalysis</i> , 2018, 8, 10784-10808.	5.5	122
46	A New Tool in the Quest for Biocompatible Phthalocyanines: Palladium Catalyzed Aminocarbonylation for Amide Substituted Phthalonitriles and Illustrative Phthalocyanines Thereof. <i>Catalysts</i> , 2018, 8, 480.	1.6	3
47	A novel Pd-catalysed sequential carbonylation/cyclization approach toward bis- <i>N</i> -heterocycles: rationalization by electronic structure calculations. <i>Royal Society Open Science</i> , 2018, 5, 181140.	1.1	6
48	Hydrogen Peroxide and Metalloporphyrins in Oxidation Catalysis: Old Dogs with Some New Tricks. <i>ChemCatChem</i> , 2018, 10, 3615-3635.	1.8	42
49	A Green Protocol for Microwave-Assisted Extraction of Volatile Oil Terpenes from <i>Pterodon emarginatus</i> Vogel. (Fabaceae). <i>Molecules</i> , 2018, 23, 651.	1.7	14
50	Dual Rh^{III} /Ru Catalysts for Reductive Hydroformylation of Olefins to Alcohols. <i>ChemSusChem</i> , 2018, 11, 2310-2314.	3.6	29
51	Microwave irradiation as a sustainable tool for catalytic carbonylation reactions. <i>Inorganica Chimica Acta</i> , 2017, 455, 364-377.	1.2	20
52	Ultrafast Dynamics of Manganese(III), Manganese(II), and Free-Base Bacteriochlorin: Is There Time for Photochemistry?. <i>Inorganic Chemistry</i> , 2017, 56, 2677-2689.	1.9	10
53	Sequential reactions from catalytic hydroformylation toward the synthesis of amino compounds. <i>Tetrahedron</i> , 2017, 73, 2389-2395.	1.0	11
54	Selective Reduction of Nitroarenes with Silanes Catalyzed by Nickel π -Heterocyclic Carbene Complexes. <i>ChemCatChem</i> , 2017, 9, 3073-3077.	1.8	19

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55	Solid state investigation of BINOL and BINOL derivatives: A contribution to enantioselective symmetry breaking by crystallization. <i>Thermochimica Acta</i> , 2017, 648, 32-43.	1.2	5
56	Metal coordinated pyrrole-based macrocycles as contrast agents for magnetic resonance imaging technologies: Synthesis and applications. <i>Coordination Chemistry Reviews</i> , 2017, 333, 82-107.	9.5	66
57	Solventless Coupling of Epoxides and CO ₂ in Compressed Medium Catalysed by Fluorinated Metalloporphyrins. <i>Catalysts</i> , 2017, 7, 210.	1.6	16
58	A Cost-Efficient Method for Unsymmetrical Meso-Aryl Porphyrin Synthesis Using NaY Zeolite as an Inorganic Acid Catalyst. <i>Molecules</i> , 2017, 22, 741.	1.7	15
59	Properties of halogenated and sulfonated porphyrins relevant for the selection of photosensitizers in anticancer and antimicrobial therapies. <i>PLoS ONE</i> , 2017, 12, e0185984.	1.1	59
60	Biologically Inspired and Magnetically Recoverable Copper Porphyrinic Catalysts: A Greener Approach for Oxidation of Hydrocarbons with Molecular Oxygen. <i>Advanced Functional Materials</i> , 2016, 26, 3359-3368.	7.8	30
61	Phthalocyanine Labels for Near-Infrared Fluorescence Imaging of Solid Tumors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4688-4696.	2.9	43
62	Synthesis of <i>meso</i> -substituted porphyrins using sustainable chemical processes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 45-60.	0.4	32
63	Cost-efficient method for unsymmetrical meso-aryl porphyrins and iron oxide-porphyrin hybrids prepared thereof. <i>Dalton Transactions</i> , 2016, 45, 16211-16220.	1.6	13
64	Chelating bis-N-heterocyclic carbene complexes of iron(II) containing bipyridyl ligands as catalyst precursors for oxidation of alcohols. <i>Dalton Transactions</i> , 2016, 45, 13541-13546.	1.6	22
65	Halogenated meso-phenyl Mn(III) porphyrins as highly efficient catalysts for the synthesis of polycarbonates and cyclic carbonates using carbon dioxide and epoxides. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 489-494.	4.8	38
66	Functionalization of indole at C-5 or C-7 via palladium-catalysed double carbonylation. A facile synthesis of indole ketocarboxamides and carboxamide dimers. <i>Tetrahedron</i> , 2016, 72, 247-256.	1.0	18
67	Highly efficient Rh(I)/tris-binaphthyl monophosphite catalysts for hydroformylation of sterically hindered alkyl olefins. <i>Journal of Molecular Catalysis A</i> , 2016, 416, 73-80.	4.8	12
68	The quest for biocompatible phthalocyanines for molecular imaging: Photophysics, relaxometry and cytotoxicity studies. <i>Journal of Inorganic Biochemistry</i> , 2016, 154, 50-59.	1.5	24
69	Reusable MCM-41 Immobilized Rh(I) Hydroformylation Catalysts Built on Binaphthyl-based Phosphoramidite and Phosphite Ligands. <i>Current Organic Chemistry</i> , 2016, 20, 1445-1453.	0.9	4
70	Tervalent phosphorus acid derivatives. <i>Organophosphorus Chemistry</i> , 2016, , 51-98.	0.3	0
71	(<i>S</i>)-BINOL Immobilized onto Multiwalled Carbon Nanotubes through Covalent Linkage: A New Approach for Hybrid Nanomaterials Characterization. <i>ChemNanoMat</i> , 2015, 1, 178-187.	1.5	5
72	Microwave Assisted Reactions of Natural Oils: Transesterification and Hydroformylation/Isomerization as Tools for High Value Compounds. <i>Current Microwave Chemistry</i> , 2015, 2, 53-60.	0.2	11

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73	Interactions between cationic surfactants and 5,10,15,20-tetrakis(4-sulfonatophenyl)porphyrin tetrasodium salt as seen by electric conductometry and spectroscopic techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 481, 288-296.	2.3	9
74	Synthesis of a new ¹⁸ F labeled porphyrin for potential application in positron emission tomography. In vivo imaging and cellular uptake. <i>RSC Advances</i> , 2015, 5, 99540-99546.	1.7	23
75	Optical detection of amine vapors using ZnTriad porphyrin thin films. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 28-35.	4.0	44
76	One-Step Synthesis of Dicarboxamides through Pd-Catalysed Aminocarbonylation with Diamines as Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1840-1847.	1.2	17
77	Synthesis and biological distribution study of a new carbon-11 labeled porphyrin for PET imaging. Photochemical and biological characterization of the non-labeled porphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 946-955.	0.4	16
78	Solventless metallation of low melting porphyrins synthesized by the water/microwave method. <i>RSC Advances</i> , 2015, 5, 64902-64910.	1.7	18
79	Preference for sulfoxide S- or O-bonding to 3d transition metals – DFT insights. <i>Journal of Organometallic Chemistry</i> , 2015, 792, 167-176.	0.8	9
80	Towards tuning PDT relevant photosensitizer properties: comparative study for the free and Zn ²⁺ coordinated <i>meso</i> -tetrakis[2,6-difluoro-5-(<i>N</i> -methylsulfamyl)phenyl]porphyrin. <i>Journal of Coordination Chemistry</i> , 2015, 68, 3116-3134.	0.8	37
81	New hybrid materials based on halogenated metalloporphyrins for enhanced visible light photocatalysis. <i>RSC Advances</i> , 2015, 5, 93252-93261.	1.7	30
82	Synthesis and characterization of biocompatible bimodal meso-sulfonamide-perfluorophenylporphyrins. <i>Journal of Fluorine Chemistry</i> , 2015, 180, 161-167.	0.9	8
83	Dehydrogenative silylation of alcohols catalysed by half-sandwich iron N-heterocyclic carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 775, 173-177.	0.8	40
84	Chapter 2. Tervalent phosphorus acid derivatives. <i>Organophosphorus Chemistry</i> , 2015, , 56-103.	0.3	0
85	Asymmetric Hydrovinylation and Hydrogenation with Metal Complexes of <i>C</i> ₃ -Symmetric Tris-Binaphthyl Monophosphites. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1034-1041.	1.0	17
86	Crystal structure of (R)-2-benzyloxy-[1,1'-binaphthalen]-2-yl trifluoromethanesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o1096-o1097.	0.2	1
87	Photodynamic Therapy Efficacy Enhanced by Dynamics: The Role of Charge Transfer and Photostability in the Selection of Photosensitizers. <i>Chemistry - A European Journal</i> , 2014, 20, 5346-5357.	1.7	105
88	Rhodium-Catalysed Tandem Hydroformylation/Arylation Reaction with Boronic Acids. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1223-1228.	2.1	12
89	Dehydrogenative coupling of aromatic thiols with Et ₃ SiH catalysed by N-heterocyclic carbene nickel complexes. <i>Dalton Transactions</i> , 2014, 43, 853-858.	1.6	18
90	Highly active phosphite gold(I) catalysts for intramolecular hydroalkoxylation, enyne cyclization and furanone cyclization. <i>Chemical Communications</i> , 2014, 50, 4937.	2.2	143

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91	Ecofriendly Porphyrin Synthesis by using Water under Microwave Irradiation. <i>ChemSusChem</i> , 2014, 7, 2821-2824.	3.6	44
92	Size and ability do matter! Influence of acidity and pore size on the synthesis of hindered halogenated meso-phenyl porphyrins catalysed by porous solid oxides. <i>Chemical Communications</i> , 2014, 50, 6571-6573.	2.2	37
93	Cationic Half-Sandwich Iron(II) and Iron(III) Complexes with N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2014, 33, 5670-5677.	1.1	31
94	BINOL-Based Ditopic Diphosphite Ligands – Synthesis, Evaluation and Regioselectivity Optimization of Catalytic Hydroformylation by 2 ^{&sup>3</sup> Factorial Design. <i>Current Organic Synthesis</i>, 2014, 11, 301-309.}	0.7	4
95	Tetrapyrrolic Macrocycles: Potentialities in Medical Imaging Technologies. <i>Current Organic Synthesis</i> , 2014, 11, 127-140.	0.7	32
96	Binaphthyl Based Molecules for Asymmetric Organocatalytic Aldol Reactions: Recent Developments from a Successful Record. <i>Mini-Reviews in Organic Chemistry</i> , 2014, 11, 129-140.	0.6	2
97	Binol derivative ligand immobilized onto silica: Alkyl-cyanohydrin synthesis via sequential hydroformylation/heterogeneous cyanosilylation reactions. <i>Catalysis Today</i> , 2013, 218-219, 99-106.	2.2	13
98	Reduction of Ketones with Silanes Catalysed by a Cyclopentadienyl-Functionalised N-Heterocyclic Iron Complex. <i>Catalysis Letters</i> , 2013, 143, 1061-1066.	1.4	32
99	A new facile synthesis of steroid dimers containing 17,17- ² -dicarboxamide spacers. <i>Tetrahedron Letters</i> , 2013, 54, 2763-2765.	0.7	20
100	Direct Synthesis of Iron(0) N-Heterocyclic Carbene Complexes by Using Fe ₃ (CO) ₁₂ and Their Application in Reduction of Carbonyl Groups. <i>Organometallics</i> , 2013, 32, 893-897.	1.1	94
101	Synthesis and Characterization of a Lipidic Alpha Amino Acid: Solubility and Interaction with Serum Albumin and Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2013, 117, 3439-3448.	1.2	7
102	Synthesis of binaphthyl based phosphine and phosphite ligands. <i>Chemical Society Reviews</i> , 2013, 42, 6990.	18.7	138
103	Inorganic helping organic: recent advances in catalytic heterogeneous oxidations by immobilised tetrapyrrolic macrocycles in micro and mesoporous supports. <i>RSC Advances</i> , 2013, 3, 22774.	1.7	62
104	Synthesis of Chiral Bis-MOP-type Diphosphines. Chelating Effect in Nickel-catalyzed Phosphination. <i>Chemistry Letters</i> , 2013, 42, 37-39.	0.7	1
105	Separation and atropisomer isolation of <i>ortho</i> -halogenated tetraarylporphyrins by HPLC: Full characterization using 1D and 2D NMR. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 316-323.	0.4	4
106	Photophysical properties of unsymmetric meso-substituted porphyrins synthesized via the Suzuki coupling reaction. <i>Tetrahedron</i> , 2012, 68, 8783-8788.	1.0	8
107	Improved biodistribution, pharmacokinetics and photodynamic efficacy using a new photostable sulfonamide bacteriochlorin. <i>MedChemComm</i> , 2012, 3, 502.	3.5	38
108	An efficient route for the synthesis of chiral conduritol-derivative carboxamides via palladium-catalyzed aminocarbonylation of bromocyclohexenetetraols. <i>Tetrahedron</i> , 2012, 68, 6935-6940.	1.0	9

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109	First iron-catalyzed guanylation of amines: a simple and highly efficient protocol to guanidines. <i>Tetrahedron Letters</i> , 2012, 53, 5156-5158.	0.7	35
110	Biomimetic oxidation of organosulfur compounds with hydrogen peroxide catalyzed by manganese porphyrins. <i>Applied Catalysis A: General</i> , 2012, 439-440, 51-56.	2.2	50
111	Rhodium/tris-binaphthyl chiral monophosphite complexes: Efficient catalysts for the hydroformylation of disubstituted aryl olefins. <i>Journal of Organometallic Chemistry</i> , 2012, 698, 28-34.	0.8	31
112	Metalloporphyrin triads: Synthesis and photochemical characterization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 242, 59-66.	2.0	33
113	Immobilized Catalysts for Hydroformylation Reactions: A Versatile Tool for Aldehyde Synthesis. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6309-6320.	1.2	74
114	Amphiphilic meso(sulfonate ester fluoroaryl)porphyrins: refining the substituents of porphyrin derivatives for phototherapy and diagnostics. <i>Tetrahedron</i> , 2012, 68, 8767-8772.	1.0	44
115	Zinc(II) phthalocyanines immobilized in mesoporous silica Al-MCM-41 and their applications in photocatalytic degradation of pesticides. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 79-88.	6.5	54
116	Nâ€Heterocyclic Carbene Complexes of Nickel as Efficient Catalysts for Hydrosilylation of Carbonyl Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2613-2618.	2.1	94
117	Routes to synthesis of porphyrins covalently bound to poly(carbazole)s and poly(fluorene)s: Structural and computational studies on oligomers. <i>Journal of Molecular Structure</i> , 2012, 1029, 199-208.	1.8	11
118	Unsymmetrical porphyrins: the role of meso-substituents on their physical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 290-296.	0.4	20
119	An insight into solvent-free diimide porphyrin reduction: a versatile approach for meso-aryl hydroporphyrin synthesis. <i>Green Chemistry</i> , 2012, 14, 1666.	4.6	50
120	Energy transfer from fluoreneâ€based conjugated polyelectrolytes to onâ€chain and selfâ€assembled porphyrin units. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1408-1417.	2.5	30
121	Unprecedented synthesis of ironâ€NHC complexes by Câ€H activation of imidazolium salts. Mild catalysts for reduction of sulfoxides. <i>Chemical Communications</i> , 2012, 48, 4944.	2.2	78
122	Differentiation of aminomethyl corrole isomers by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 516-522.	0.7	9
123	On the singlet states of porphyrins, chlorins and bacteriochlorins and their ability to harvest red/infrared light. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1233-1238.	1.6	32
124	Combined effects of singlet oxygen and hydroxyl radical in photodynamic therapy with photostable bacteriochlorins: Evidence from intracellular fluorescence and increased photodynamic efficacy in vitro. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1188-1200.	1.3	80
125	Systematic study on the catalytic synthesis of unsaturated 2-ketocarboxamides: palladium-catalyzed double carbonylation of 1-iodocyclohexene. <i>Tetrahedron</i> , 2012, 68, 204-207.	1.0	17
126	2,2â€-Bis(methoxymethoxy)-3-methyl-1,1â€-binaphthyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2370-o2370.	0.2	0

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127	Synthesis of New Metalloporphyrin Triads: Efficient and Versatile Tripod Optical Sensor for the Detection of Amines. <i>Inorganic Chemistry</i> , 2011, 50, 7916-7918.	1.9	34
128	Biodistribution and Photodynamic Efficacy of a Water-Soluble, Stable, Halogenated Bacteriochlorin against Melanoma. <i>ChemMedChem</i> , 2011, 6, 465-475.	1.6	63
129	Tissue Uptake Study and Photodynamic Therapy of Melanoma-Bearing Mice with a Nontoxic, Effective Chlorin. <i>ChemMedChem</i> , 2011, 6, 1715-1726.	1.6	47
130	Palladium-catalysed reactions of 8-hydroxy- and 8-benzyloxy-5,7-diiodoquinoline under aminocarbonylation conditions. <i>Tetrahedron</i> , 2011, 67, 2402-2406.	1.0	15
131	Multi-spectral photoacoustic mapping of bacteriochlorins diffusing through the skin: exploring a new PAT contrast agent. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
132	Rhodium(I) N-Heterocyclic Carbene Complexes as Catalysts for Hydroformylation of Olefins: An Overview. <i>Current Organic Synthesis</i> , 2011, 8, 764-775.	0.7	23
133	Synthesis of new bis-BINOL-2,2'-ethers and bis-H8BINOL-2,2'-ethers evaluation of their Titanium complexes in the asymmetric ethylation of benzaldehyde. <i>Tetrahedron</i> , 2010, 66, 743-749.	1.0	19
134	New Halogenated Water-Soluble Chlorin and Bacteriochlorin as Photostable PDT Sensitizers: Synthesis, Spectroscopy, Photophysics, and in-vitro Photosensitizing Efficacy. <i>ChemMedChem</i> , 2010, 5, 1770-1780.	1.6	98
135	Mechanisms of Singlet-Oxygen and Superoxide-Ion Generation by Porphyrins and Bacteriochlorins and their Implications in Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2010, 16, 9273-9286.	1.7	156
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