Bernard Meunier

List of Publications by Year
in descending order

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320 papers	21,336 citations	12328 69 h-index	12272 133 g-index
342 all docs	342 docs citations	342 times ranked	15182 citing authors

#	Article	IF	Citations
1	Mechanism of Oxidation Reactions Catalyzed by Cytochrome P450 Enzymes. Chemical Reviews, 2004, 104, 3947-3980.	47.7	2,048
2	Metalloporphyrins as versatile catalysts for oxidation reactions and oxidative DNA cleavage. Chemical Reviews, 1992, 92, 1411-1456.	47.7	2,031
3	Hybrid Molecules with a Dual Mode of Action: Dream or Reality?. Accounts of Chemical Research, 2008, 41, 69-77.	15.6	795
4	100 Years of Baeyerâ€"Villiger Oxidations. European Journal of Organic Chemistry, 1999, 1999, 737-750.	2.4	486
5	Carbonâ€"Hydrogen Bonds of DNA Sugar Units as Targets for Chemical Nucleases and Drugs. Angewandte Chemie International Edition in English, 1995, 34, 746-769.	4.4	411
6	DNA And RNA Cleavage by Metal Complexes. Advances in Inorganic Chemistry, 1998, , 251-312.	1.0	326
7	Efficient Oxidative Dechlorination and Aromatic Ring Cleavage of Chlorinated Phenols Catalyzed by Iron Sulfophthalocyanine. Science, 1995, 268, 1163-1166.	12.6	314
8	Potassium monopersulfate and a water-soluble manganese porphyrin complex, [Mn(TMPyP)](OAc)5, as an efficient reagent for the oxidative cleavage of DNA. Biochemistry, 1989, 28, 7268-7275.	2.5	308
9	From Mechanistic Studies on Artemisinin Derivatives to New Modular Antimalarial Drugs. Accounts of Chemical Research, 2002, 35, 167-174.	15.6	280
10	Oxidation of Pollutants Catalyzed by Metallophthalocyanines. Accounts of Chemical Research, 1997, 30, 470-476.	15.6	250
11	Sodium hypochlorite: a convenient oxygen source for olefin epoxidation catalyzed by (porphyrinato)manganese complexes. Journal of the American Chemical Society, 1984, 106, 6668-6676.	13.7	233
12	Synthesis and Characterization of New Chiral Schiff Base Complexes with Diiminobinaphthyl or Diiminocyclohexyl Moieties as Potential Enantioselective Epoxidation Catalysts. Inorganic Chemistry, 1996, 35, 387-396.	4.0	222
13	Metal Ions in Alzheimerâ€™s Disease: A Key Role or Not?. Accounts of Chemical Research, 2019, 52, 2026-2035.	15.6	216
14	Possible modes of action of the artemisinin-type compounds. Trends in Parasitology, 2001, 17, 122-126.	3.3	207
15	Biomimetic Oxidations Catalyzed by Transition Metal Complexes. , 2000, , .		204
16	Preparation of Water-Soluble Cationic Phosphorus-Containing Dendrimers as DNA Transfecting Agents. Chemistry - A European Journal, 1999, 5, 3644-3650.	3.3	189
17	A G-Quadruplex Ligand with 10000-Fold Selectivity over Duplex DNA. Journal of the American Chemical Society, 2007, 129, 1502-1503.	13.7	188
18	"Redox Tautomerism" in High-Valent Metal-oxo-aquo Complexes. Origin of the Oxygen Atom in Epoxidation Reactions Catalyzed by Water-Soluble Metalloporphyrins. Journal of the American Chemical Society, 1994, 116, 9375-9376.	13.7	183

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19	Epoxidation of olefins by cytochrome P-450 model compounds: kinetics and stereochemistry of oxygen atom transfer and origin of shape selectivity. Journal of the American Chemical Society, 1985, 107, 2000-2005.	13.7	175
20	Regulation of Copper and Iron Homeostasis by Metal Chelators: A Possible Chemotherapy for Alzheimerâ€™s Disease. Accounts of Chemical Research, 2015, 48, 1332-1339.	15.6	174
21	Dendrimeric coating of glass slides for sensitive DNA microarrays analysis. Nucleic Acids Research, 2003, 31, 88e-88.	14.5	172
22	Cationic phosphorus-containing dendrimers reduce prion replication both in cell culture and in mice infected with scrapie. Journal of General Virology, 2004, 85, 1791-1799.	2.9	172
23	CO2as the Ultimate Degradation Product in the H2O2Oxidation of 2,4,6-Trichlorophenol Catalyzed by Iron Tetrasulfophthalocyanine. Journal of the American Chemical Society, 1996, 118, 7410-7411.	13.7	171
24	The antimalarial drug artemisinin alkylates heme in infected mice. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13676-13680.	7.1	167
25	Is alkylation the main mechanism of action of the antimalarial drug artemisinin?. Chemical Society Reviews, 1998, 27, 273.	38.1	154
26	Heme as Trigger and Target for Trioxane-Containing Antimalarial Drugs. Accounts of Chemical Research, 2010, 43, 1444-1451.	15.6	152
27	Trioxaquines Are New Antimalarial Agents Active on All Erythrocytic Forms, Including Gametocytes. Antimicrobial Agents and Chemotherapy, 2007, 51, 1463-1472.	3.2	145
28	Preparation and Antimalarial Activities of â€œTrioxaquinesâ€, New Modular Molecules with a Trioxane Skeleton Linked to a 4-Aminoquinoline. ChemBioChem, 2000, 1, 281-283.	2.6	144
29	Guanine Oxidation: One- and Two-Electron Reactions. Chemistry - A European Journal, 2006, 12, 6018-6030.	3.3	143
30	â€˜Oxo-hydroxo tautomerismâ€™ as useful mechanistic tool in oxygenation reactions catalysed by water-soluble metalloporphyrins. Chemical Communications, 1998, , 2167-2173.	4.1	141
31	Mechanistic studies on DNA damage by minor groove binding copper-phenanthroline conjugates. Nucleic Acids Research, 2005, 33, 5371-5379.	14.5	137
32	Olefin epoxidation and alkane hydroxylation catalyzed by robust sulfonated manganese and iron porphyrins supported on cationic ion-exchange resins. Inorganic Chemistry, 1992, 31, 1999-2006.	4.0	135
33	Characterization of the Alkylation Product of Heme by the Antimalarial Drug Artemisinin. Angewandte Chemie - International Edition, 2001, 40, 1954-1957.	13.8	135
34	Selection of a trioxaquine as an antimalarial drug candidate. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17579-17584.	7.1	135
35	Intramolecular kinetic isotope effects in alkane hydroxylations catalyzed by manganese and iron porphyrin complexes. Journal of the American Chemical Society, 1993, 115, 7293-7299.	13.7	134
36	Oxidation at Carbon-1' of DNA Deoxyriboses by the Mn-TMPyP/KHSO5 System Results from a Cytochrome P-450-type Hydroxylation Reaction. Journal of the American Chemical Society, 1995, 117, 2935-2936.	13.7	127

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37	Characterization of the First Covalent Adduct between Artemisinin and a Heme Model. Journal of the American Chemical Society, 1997, 119, 5968-5969.	13.7	127
38	Synthesis and Antimalarial Activity of Trioxaquine Derivatives. Chemistry - A European Journal, 2004, 10, 1625-1636.	3.3	127
39	Oxidative Degradation of Aromatic Pollutants by Chemical Models of Ligninase Based on Porphyrin Complexes. Angewandte Chemie International Edition in English, 1990, 29, 1471-1473.	4.4	123
40	Porphyrin Derivatives for Telomere Binding and Telomerase Inhibition. ChemBioChem, 2005, 6, 123-132.	2.6	120
41	Structures of Fe(II) Complexes withN,N,Nâ€˜-Tris(2-pyridylmethyl)ethane-1,2-diamine Type Ligands. Bleomycin-like DNA Cleavage and Enhancement by an Alkylammonium Substituent on the Nâ€˜ Atom of the Ligand. Inorganic Chemistry, 1999, 38, 1085-1092.	4.0	116
42	Preparation and Study of New Polyâ€8â€Hydroxyquinoline Chelators for an antiâ€Alzheimer Strategy. Chemistry - A European Journal, 2008, 14, 682-696.	3.3	116
43	Schistosomiasis Chemotherapy. Angewandte Chemie - International Edition, 2013, 52, 7936-7956.	13.8	114
44	Metalloporphyrin-Catalyzed Oxidation of 2-Methylnaphthalene to Vitamin K3and 6-Methyl-1,4-naphthoquinone by Potassium Monopersulfate in Aqueous Solution. Journal of Organic Chemistry, 1997, 62, 673-678.	3.2	111
45	Biomimetic Chemical Catalysts in the Oxidative Activation of Drugs. Advanced Synthesis and Catalysis, 2004, 346, 171-184.	4.3	111
46	Alkylation of heme by the antimalarial drug artemisinin. Chemical Communications, 2002, , 414-415.	4.1	110
47	Mechanisms of DNA cleavage by copper complexes of 3-Clip-Phen and of its conjugate with a distamycin analogue. Nucleic Acids Research, 2000, 28, 4856-4864.	14.5	109
48	CHEMISTRY: Catalytic Degradation of Chlorinated Phenols. Science, 2002, 296, 270-271.	12.6	107
49	Preparation, characterization and crystal structures of manganese(II), iron(III) and copper(II) complexes of the bis[di-1,1-(2-pyridyl)ethyl]amine (BDPEA) ligand; evaluation of their DNA cleavage activities. Journal of Biological Inorganic Chemistry, 2001, 6, 14-22.	2.6	105
50	Highly Selective Bromination of Tetramesitylporphyrin: An Easy Access to Robust Metalloporphyrins, M-Br8TMP and M-Br8TMPS. Examples of application in catalytic oxygenation and oxidation reactions.. Tetrahedron Letters, 1990, 31, 1991-1994.	1.4	101
51	Trioxaferroquines as New Hybrid Antimalarial Drugs. Journal of Medicinal Chemistry, 2010, 53, 4103-4109.	6.4	101
52	Oxidative Degradation of Polychlorinated Phenols Catalyzed by Metallosulfophthalocyanines. Chemistry - A European Journal, 1996, 2, 1308-1317.	3.3	100
53	Sequential addition of H2O2, pH and solvent effects as key factors in the oxidation of 2,4,6-trichlorophenol catalyzed by iron tetrasulfophthalocyanine. New Journal of Chemistry, 1998, 22, 45-51.	2.8	100
54	Factors controlling the reactivity of a ligninase model based on the association of potassium monopersulfate to manganese and iron porphyrin complexes. Journal of Organic Chemistry, 1989, 54, 5008-5011.	3.2	98

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55	Catalase modeling with metalloporphyrin complexes having an oxygen ligand in a proximal position. Comparison with complexes containing a proximal nitrogen. Inorganic Chemistry, 1991, 30, 706-711.	4.0	93
56	Efficient Oxidation of 2â€˜-Deoxyguanosine by Mn-TMPyP/KHSO5to Imidazolone dIz without Formation of 8-Oxo-dG. Journal of the American Chemical Society, 1998, 120, 11548-11553.	13.7	91
57	DNA cleavage studies of mononuclear and dinuclear copper(II) complexes with benzothiazolesulfonamide ligands. Journal of Biological Inorganic Chemistry, 2003, 8, 644-652.	2.6	88
58	Guanine Oxidation in Double-Stranded DNA by Mn-TMPyP/KHSO5:â€‰ 5,8-Dihydroxy-7,8-dihydroguanine Residue as a Key Precursor of Imidazolone and Parabanic Acid Derivatives. Journal of the American Chemical Society, 2000, 122, 2157-2167.	13.7	87
59	A Minor Groove Binding Copper-Phenanthroline Conjugate Produces Direct Strand Breaks via Î²-Elimination of 2-Deoxyribonolactone. Journal of the American Chemical Society, 2002, 124, 9062-9063.	13.7	86
60	Dendrislides, dendrichips: a simple chemical functionalization of glass slides with phosphorus dendrimers as an effective means for the preparation of biochips. New Journal of Chemistry, 2003, 27, 1713-1719.	2.8	86
61	Furfural as a Marker of DNA Cleavage by Hydroxylation at the 5â€² Carbon of Deoxyribose. Angewandte Chemie International Edition in English, 1991, 30, 702-704.	4.4	81
62	A new catalytic route for the epoxidation of styrene with sodium hypochlorite activated by transition metal complexes. Tetrahedron Letters, 1980, 21, 4449-4450.	1.4	78
63	Targeting of a hydrophilic photosensitizer by use of internalizing monoclonal antibodies: A new possibility for use in photodynamic therapy. International Journal of Cancer, 2000, 88, 108-114.	5.1	78
64	Epoxidation of olefins by cytochrome P-450 model compounds: mechanism of oxygen atom transfer.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 3245-3248.	7.1	77
65	MECHANISM OF DNA CLEAVAGE MEDIATED BY PHOTOEXCITED NONâ€STEROIDAL ANTIINFLAMMATORY DRUGS. Photochemistry and Photobiology, 1991, 54, 205-213.	2.5	77
66	Mn(III) Pyrophosphate as an Efficient Tool for Studying the Mode of Action of Isoniazid on the InhA Protein of Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2002, 46, 2137-2144.	3.2	77
67	How to Define a Nanozyme. ACS Nano, 2022, 16, 6956-6959.	14.6	76
68	Active Iron-Oxo and Iron-Peroxo Species in Cytochromes P450 and Peroxidases; Oxo-Hydroxo Tautomerism with Water-Soluble Metalloporphyrins. , 2000, , 1-35.		75
69	Copper Chelator Induced Efficient Episodic Memory Recovery in a Non-Transgenic Alzheimerâ€™s Mouse Model. PLoS ONE, 2012, 7, e43105.	2.5	75
70	From classical antimalarial drugs to new compounds based on the mechanism of action of artemisinin. Pure and Applied Chemistry, 2001, 73, 1173-1188.	1.9	74
71	Efficient H2O2 oxidation of chlorinated phenols catalysed by supported iron phthalocyanines. Journal of the Chemical Society Chemical Communications, 1994, , 1799.	2.0	72
72	Proximal effect of the nitrogen ligands in the catalytic epoxidation of olefins by the sodium hypochlorite/manganese(III) porphyrin system. Inorganic Chemistry, 1988, 27, 161-164.	4.0	71

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73	Mechanism of DNa cleavage by cationic manganese porphyrins: hydroxylations at the 1â€²- Carbon and 5â€²-carbon atoms of deoxyriboses as initial damages. Nucleic Acids Research, 1991, 19, 6283-6288.	14.5	70
74	Alkylating Properties of Antimalarial Artemisinin Derivatives and Synthetic Trioxanes when Activated by a Reduced Heme Model. Chemistry - A European Journal, 1998, 4, 1287-1296.	3.3	70
75	Structure/Nuclease Activity Relationships of DNA Cleavers Based on Cationic Metalloporphyrinâ˜'Oligonucleotide Conjugates. Biochemistry, 1996, 35, 9140-9149.	2.5	69
76	Preparation of the New Bis(phenanthroline) Ligand â€œClip-Phenâ€•and Evaluation of the Nuclease Activity of the Corresponding Copper Complex. Inorganic Chemistry, 1998, 37, 3486-3489.	4.0	69
77	A Fast and Efficient Metal-Mediated Oxidation of Isoniazid and Identification of Isoniazid-NAD(H) Adducts. ChemBioChem, 2001, 2, 877-883.	2.6	67
78	Oxygenation of hydrocarbons by cytochrome P-450 model compounds: modification of reactivity by axial ligands.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 7039-7041.	7.1	66
79	Oxidation of Polycyclic Aromatic Hydrocarbons Catalyzed by Iron Tetrasulfophthalocyanine FePcS: Inverse Isotope Effects and Oxygen Labeling Studies. European Journal of Inorganic Chemistry, 1998, 1998, 1269-1281.	2.0	66
80	Potential antitumor agents: synthesis and biological properties of aliphatic amino acid 9-hydroxyellipticinium derivatives. Journal of Medicinal Chemistry, 1984, 27, 1161-1166.	6.4	65
81	In Vitro Activities of DU-1102, a New Trioxaquine Derivative, against Plasmodium falciparum Isolates. Antimicrobial Agents and Chemotherapy, 2001, 45, 1886-1888.	3.2	65
82	Alkylating Capacity and Reaction Products of Antimalarial Trioxanes after Activation by a Heme Model. Journal of Organic Chemistry, 2002, 67, 609-619.	3.2	65
83	New Approach for the Preparation of Efficient DNA Cleaving Agents:â€‰ Ditopic Copperâ˜'Platinum Complexes Based on 3-Clip-Phen and Cisplatin. Journal of Medicinal Chemistry, 2007, 50, 3148-3152.	6.4	64
84	Preferential hydroxylation by the chemical nuclease meso-tetrakis-(4-N-methylpyridiniumyl)porphyrinatomanganeseIII pentaacetate/KHSO5 at the 5' carbon of deoxyriboses on both 3' sides of three contiguous A.T base pairs in short double-stranded oligonucleotides.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3967-3971.	7.1	63
85	Enhanced selectivity by an â€˜open-well effectâ€™ in a metalloporphyrin-catalysed oxygenation reaction. Journal of the Chemical Society Perkin Transactions II, 1984, , 1967-1970.	0.9	62
86	Synthesis of cationic metalloporphyrin precursors related to the design of DNA cleavers. Journal of Organic Chemistry, 1993, 58, 2913-2917.	3.2	61
87	Targeting the DNA Cleavage Activity of Copper Phenanthroline and Clip-Phen to AÂ·T Tracts via Linkage to a Poly-N-methylpyrrole. Bioconjugate Chemistry, 2000, 11, 892-900.	3.6	61
88	Metallophthalocyanine-catalyzed oxidation of catechols by H2O2 and its surrogates. Journal of Molecular Catalysis A, 1997, 117, 103-114.	4.8	59
89	Improvement of Porphyrin Cellular Delivery and Activity by Conjugation to a Carrier Peptide. Bioconjugate Chemistry, 2001, 12, 691-700.	3.6	59
90	Trioxaquines and Heme-Artemisinin Adducts Inhibit the In Vitro Formation of Hemozoin Better than Chloroquine. Antimicrobial Agents and Chemotherapy, 2007, 51, 3768-3770.	3.2	59

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91	Role of pyridine in the catalytic activation of sodium hypochlorite in the presence of manganese porphyrin. Tetrahedron Letters, 1982, 23, 2449-2452.	1.4	58
92	Characterization of New Specific Copper Chelators as Potential Drugs for the Treatment of Alzheimerâ€™s Disease. Chemistry - A European Journal, 2014, 20, 6771-6785.	3.3	57
93	Development of Phenothiazine-Based Theranostic Compounds That Act Both as Inhibitors of Î²-Amyloid Aggregation and as Imaging Probes for Amyloid Plaques in Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2017, 8, 798-806.	3.5	57
94	Nonenzymic cleavage and ligation of DNA at a three A.cntdot.T base pair site. A two-step pseudohydrolysis of DNA. Journal of the American Chemical Society, 1993, 115, 7939-7943.	13.7	56
95	Synthesis of New Macrocyclic Chiral Manganese(III) Schiff Bases as Catalysts for Asymmetric Epoxidation. Journal of Organic Chemistry, 2006, 71, 1449-1457.	3.2	55
96	DNA Cleavage by Copper Complexes of 2- and 3-Clip-Phen Derivatives. European Journal of Inorganic Chemistry, 2003, 2003, 528-540.	2.0	53
97	Oxidative Damage Generated by an Oxo-Metalloporphyrin onto the Human Telomeric Sequenceâ€. Biochemistry, 2000, 39, 9514-9522.	2.5	52
98	Title is missing!. Topics in Catalysis, 2002, 21, 47-54.	2.8	52
99	Porphyrinâ€“aminoquinoline conjugates as telomerase inhibitors. Organic and Biomolecular Chemistry, 2003, 1, 921-927.	2.8	51
100	Oxone as oxygen donor in the catalytic hydroxylation of saturated hydrocarbons. Tetrahedron Letters, 1985, 26, 4459-4462.	1.4	50
101	Bis-8-hydroxyquinoline ligands as potential anti-Alzheimer agents. New Journal of Chemistry, 2007, 31, 193.	2.8	50
102	DNA Binding and Cleavage by a Cationic Manganese Porphyrinâ˜'Peptide Nucleic Acid Conjugate. Bioconjugate Chemistry, 1997, 8, 267-270.	3.6	47
103	Hydroxylation, Epoxidation, and DNA Cleavage Reactions Mediated by the Biomimetic Mn-TMPyP/O2/Sulfite Oxidation Systemâ€. Inorganic Chemistry, 1999, 38, 4123-4127.	4.0	47
104	The Ligand 1,10-Phenanthroline-2,9-dicarbaldehyde Dioxime can Act Both as a Tridentate and as a Tetradentate Ligand â˜' Synthesis, Characterization and Crystal Structures of its Transition Metal Complexes. European Journal of Inorganic Chemistry, 2000, 2000, 1985-1996.	2.0	47
105	The key role of heme to trigger the antimalarial activity of trioxanes. Coordination Chemistry Reviews, 2005, 249, 1927-1936.	18.8	47
106	Metalloporphyrin-catalysed epoxidation of terminal aliphatic olefins with hypochlorite salts or potassium hydrogen persulphate. Journal of the Chemical Society Perkin Transactions II, 1985, , 1735.	0.9	46
107	Preparation and crystal structure of Ï€-cyclopentadienyl-1,2-bis(diphenylphosphino)ethaneironmagnesium bromide tris(tetrahydrofuran), a transitionâ€“metal Grignard reagent. Journal of the Chemical Society Chemical Communications, 1974, , 44-44.	2.0	45
108	Anti-human immunodeficiency virus effects of cationic metalloporphyrin-ellipticine complexes. Biochemical Pharmacology, 1992, 44, 1675-1679.	4.4	45

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109	Origin of the Oxygen Atom in Câˆ’H Bond Oxidations Catalyzed by a Water-Soluble Metalloporphyrin. Inorganic Chemistry, 1997, 36, 3488-3492.	4.0	45
110	C10-Modified Artemisinin Derivatives: Efficient Heme-Alkylating Agents. Angewandte Chemie - International Edition, 2005, 44, 2060-2063.	13.8	45
111	In Vitro Activities of Trioxaquines against <i>Schistosoma mansoni</i>. Antimicrobial Agents and Chemotherapy, 2009, 53, 4903-4906.	3.2	45
112	Preparation et proprietes chimiques de lâ€²inorganomagnesien Cp(DPPE)FeMgBr. Journal of Organometallic Chemistry, 1978, 146, 151-167.	1.8	44
113	DNA strand breaks photosensitized by benoxaprofen and other non steroidal antiinflammatory agents. Biochemical Pharmacology, 1990, 39, 407-413.	4.4	44
114	Synthesis of Two Acridine Conjugates of the Bis(phenanthroline) Ligand â€œClip-Phenâ€•and Evaluation of the Nuclease Activity of the Corresponding Copper Complexes. European Journal of Inorganic Chemistry, 1999, 1999, 557-563.	2.0	43
115	Preparation and Crystal Structures of Manganese, Iron, and Cobalt Complexes of the Bis[di(2-pyridyl)methyl]amine (bdpma) Ligand and Its Oxidative Degradation Product 1,3,3-Tris(2-pyridyl)-3H-imidazo[1,5-a]pyridin-4-ium (tpip); Origin of the bdpma Fragility. Chemistry - A European Journal, 1999, 5, 1766-1774.	3.3	43
116	Guanine Oxidation: NMR Characterization of a Dehydro-guanidinohydantoin Residue Generated by a 2e-oxidation of d(GpT). Journal of the American Chemical Society, 2001, 123, 5867-5877.	13.7	43
117	Oxidative cleavage of DNA mediated by hybrid metalloporphyrin-ellipticine molecules and functionalized metalloporphyrin precursors. Biochemistry, 1990, 29, 7868-7875.	2.5	42
118	Kinetic investigations of oxidative degradation of aromatic pollutant 2,4,6-trichlorophenol by an iron-porphyrin complex, a model of ligninase. Journal of Molecular Catalysis A, 1996, 113, 45-49.	4.8	42
119	Metallophthalocyanines Linked to Organic Copolymers as Efficient Oxidative Supported Catalysts. European Journal of Inorganic Chemistry, 2001, 2001, 1775-1783.	2.0	42
120	Platinated Copper(3â€Clipâ€Phen) Complexes as Effective DNAâ€Cleaving and Cytotoxic Agents. Chemistry - A European Journal, 2008, 14, 3418-3426.	3.3	42
121	Structures of the Copper and Zinc Complexes of PBT2, a Chelating Agent Evaluated as Potential Drug for Neurodegenerative Diseases. European Journal of Inorganic Chemistry, 2017, 2017, 600-608.	2.0	41
122	Magnetite Fe₃O₄ Has no Intrinsic Peroxidase Activity, and Is Probably not Involved in Alzheimer's Oxidative Stress. Angewandte Chemie - International Edition, 2018, 57, 14758-14763.	13.8	41
123	Selective Cleavage of a 35-mer Single-Stranded DNA Containing the Initiation Codon of the TAT Gene of HIV-1 by a Tailored Cationic Manganese Porphyrin. Angewandte Chemie International Edition in English, 1993, 32, 557-559.	4.4	40
124	Preparation of a Spermine Conjugate of the Bis-phenanthroline Ligand Clip-Phen and Evaluation of the Corresponding Copper Complex. Bioconjugate Chemistry, 1998, 9, 604-611.	3.6	40
125	In Vitro and In Vivo Potentiation of Artemisinin and Synthetic Endoperoxide Antimalarial Drugs by Metalloporphyrins. Antimicrobial Agents and Chemotherapy, 2000, 44, 2836-2841.	3.2	40
126	Synthesis of â€œTrioxaquantelâ€•^{Â®} Derivatives as Potential New Antischistosomal Drugs. European Journal of Organic Chemistry, 2008, 2008, 895-913.	2.4	40

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127	The Antimalarial Trioxaquine DU1301 Alkylates Heme in Malaria-Infected Mice. Antimicrobial Agents and Chemotherapy, 2008, 52, 2966-2969.	3.2	40
128	Catalytic epoxidation of aliphatic terminal olefins with sodium hypochlorite. Tetrahedron Letters, 1984, 25, 1895-1896.	1.4	39
129	Dramatic increase of the DNA cleavage activity of Cu(Clip-phen) by fixing the bridging linker on the C3 position of the phenanthroline units. Chemical Communications, 1998, , 2597-2598.	4.1	39
130	Syntheses and in vitro evaluation of water-soluble "cationic metalloporphyrin-ellipticine" molecules having a high affinity for DNA. Journal of Medicinal Chemistry, 1991, 34, 900-906.	6.4	38
131	A macrocyclic chiral manganese(III) Schiff base complex as an efficient catalyst for the asymmetric epoxidation of olefins. Journal of Catalysis, 2005, 234, 250-255.	6.2	38
132	Microstructured Liposome Array. Bioconjugate Chemistry, 2006, 17, 245-247.	3.6	38
133	Antischistosomal Activity of Trioxaquines: In Vivo Efficacy and Mechanism of Action on Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2012, 6, e1474.	3.0	38
134	Preparation of Tetradentate Copper Chelators as Potential Antiâ€Alzheimer Agents. ChemMedChem, 2018, 13, 684-704.	3.2	38
135	NMR characterization of covalent adducts obtained by alkylation of heme with the antimalarial drug artemisinin. Inorganica Chimica Acta, 2002, 339, 488-496.	2.4	37
136	Alkylation of human hemoglobin A0by the antimalarial drug artemisinin. FEBS Letters, 2004, 556, 245-248.	2.8	37
137	Isolation of a high-valent â€˜oxo-likeâ€™ manganese porphyrin complex obtained from NaOCl oxidation. Journal of the Chemical Society Chemical Communications, 1983, .	2.0	36
138	o-Quinone formation in the biochemical oxidation of the antitumor drug N2-methyl-9-hydroxyellipticinium acetate. Journal of Medicinal Chemistry, 1983, 26, 574-579.	6.4	36
139	Preparation of hybrid "DNA cleaver-oligodeoxyribonulceotide" molecules based on a metallotris (methylpyridiniumyl)porphyrin motif. Bioconjugate Chemistry, 1993, 4, 366-371.	3.6	36
140	Characterization of the Main Radical and Products Resulting from a Reductive Activation of the Antimalarial Arteflene (Ro 42â"1611). Journal of Organic Chemistry, 1999, 64, 6776-6781.	3.2	36
141	Key Role of the Phosphate Buffer in the H2O2 Oxidation of Aromatic Pollutants Catalyzed by Iron Tetrasulfophthalocyanine. Journal of Catalysis, 2001, 202, 177-186.	6.2	36
142	Development of isoniazidâ€"NAD truncated adducts embedding a lipophilic fragment as potential bi-substrate InhA inhibitors and antimycobacterial agents. European Journal of Medicinal Chemistry, 2010, 45, 4554-4561.	5.5	36
143	Ozone epoxidation of olefins catalyzed by highly robust manganese and iron porphyrin complexes. Journal of Organic Chemistry, 1991, 56, 3725-3727.	3.2	35
144	Cleavage of double-stranded DNA by â€˜metalloporphyrin-linker oligonucleotideâ€™ molecules: influence of the linker. Nucleic Acids Research, 1995, 23, 3894-3900.	14.5	35

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