

Bernard Meunier

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

320
papers

18,583
citations

68
h-index

125
g-index

342
ext. papers

19,512
ext. citations

6.7
avg, IF

6.85
L-index

#	Paper	IF	Citations
320	X-Ray diffraction structure of Cu(II) and Zn(II) complexes of 8-aminoquinoline derivatives (TDMQ), related to the activity of these chelators as potential drugs against Alzheimer's disease. <i>Journal of Molecular Structure</i> , 2022 , 1251, 132078	3.4	
319	Synthesis and Antimalarial Activities of New Hybrid Atokel Molecules.. <i>ChemistryOpen</i> , 2022 , 11, e202200064	3.64	1
318	TDMQ20, a Specific Copper Chelator, Reduces Memory Impairments in Alzheimer's Disease Mouse Models. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 140-149	5.7	8
317	Ultrasmall superparamagnetic iron oxide nanoparticles-bound NIR dyes: Novel theranostic agents for Alzheimer's disease. <i>Dyes and Pigments</i> , 2020 , 173, 107968	4.6	12
316	Synthesis and characterization of 8-aminoquinolines, substituted by electron donating groups, as high-affinity copper chelators for the treatment of Alzheimer's disease. <i>Comptes Rendus Chimie</i> , 2019 , 22, 419-427	2.7	1
315	Synthesis of N-pyrimidin[1,3,4]oxadiazoles and N-pyrimidin[1,3,4]-thiadiazoles from 1,3,4-oxadiazol-2-amines and 1,3,4-thiadiazol-2-amines via Pd-catalyzed heteroarylation. <i>Tetrahedron Letters</i> , 2019 , 60, 1359-1362	2	7
314	Development of novel theranostic agents for in vivo amyloid imaging and protective effects on human neuroblastoma cells. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111585	6.8	5
313	Phenothiazine-based theranostic compounds for in vivo near-infrared fluorescence imaging of amyloid plaques and inhibition of A β aggregation. <i>Dyes and Pigments</i> , 2019 , 171, 107744	4.6	3
312	Metal Ions in Alzheimer's Disease: A Key Role or Not?. <i>Accounts of Chemical Research</i> , 2019 , 52, 2026-2035	11.3	117
311	Comment on Free-Radical Formation by the Peroxidase-Like Catalytic Activity of MFe ₂ O ₄ (M = Fe, Ni, and Mn) Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 28513-28514	3.8	5
310	Why Is Tetradentate Coordination Essential for Potential Copper Homeostasis Regulators in Alzheimer's Disease?. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4712-4718	2.3	9
309	The TDMQ Regulators of Copper Homeostasis Do Not Disturb the Activities of Cu,Zn-SOD, Tyrosinase, or the CoIII Cofactor Vitamin B12. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1384-1388	2.3	5
308	2. SMALL MOLECULES: THE PAST OR THE FUTURE IN DRUG INNOVATION? 2019 , 17-48		3
307	Small Molecules: The Past or the Future in Drug Innovation?. <i>Metal Ions in Life Sciences</i> , 2019 , 19,	2.6	14
306	Synthesis and characterization of copper-specific tetradentate ligands as potential treatment for Alzheimer's disease. <i>Comptes Rendus Chimie</i> , 2018 , 21, 475-483	2.7	2
305	N-Tetradentate Chelators Efficiently Regulate Copper Homeostasis and Prevent ROS Production Induced by Copper-Amyloid- β . <i>Chemistry - A European Journal</i> , 2018 , 24, 7825-7829	4.8	14
304	Endoperoxide-based compounds: cross-resistance with artemisinins and selection of a Plasmodium falciparum lineage with a K13 non-synonymous polymorphism. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 395-403	5.1	11

303	Preparation of Tetradentate Copper Chelators as Potential Anti-Alzheimer Agents. <i>ChemMedChem</i> , 2018 , 13, 684-704	3.7	27
302	Magnetite Fe O Has no Intrinsic Peroxidase Activity, and Is Probably not Involved in Alzheimer's Oxidative Stress. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14758-14763	16.4	30
301	Magnetite Fe ₃ O ₄ Has no Intrinsic Peroxidase Activity, and Is Probably not Involved in Alzheimer's Oxidative Stress. <i>Angewandte Chemie</i> , 2018 , 130, 14974-14979	3.6	7
300	Development of Phenothiazine-Based Theranostic Compounds That Act Both as Inhibitors of β Amyloid Aggregation and as Imaging Probes for Amyloid Plaques in Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 798-806	5.7	31
299	Catechol-Based Ligands as Potential Metal Chelators Inhibiting Redox Activity in Alzheimer's Disease. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3198-3204	2.3	6
298	Design and synthesis of new theranostic agents for near-infrared imaging of β amyloid plaques and inhibition of β amyloid aggregation in Alzheimer's disease. <i>Dyes and Pigments</i> , 2017 , 147, 130-140	4.6	10
297	Structures of the Copper and Zinc Complexes of PBT2, a Chelating Agent Evaluated as Potential Drug for Neurodegenerative Diseases. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 600-608	2.3	34
296	Is iron associated with amyloid involved in the oxidative stress of Alzheimer's disease?. <i>Comptes Rendus Chimie</i> , 2017 , 20, 987-989	2.7	6
295	Age and Alzheimer's Disease. <i>Nutrients</i> , 2016 , 8,	6.7	2
294	Regulation of copper and iron homeostasis by metal chelators: a possible chemotherapy for Alzheimer's disease. <i>Accounts of Chemical Research</i> , 2015 , 48, 1332-9	24.3	139
293	The Necessity of Having a Tetradentate Ligand to Extract Copper(II) Ions from Amyloids. <i>ChemistryOpen</i> , 2015 , 4, 27-31	2.3	15
292	Transfer of Copper from an Amyloid to a Natural Copper-Carrier Peptide with a Specific Mediating Ligand. <i>Chemistry - A European Journal</i> , 2015 , 21, 17085-90	4.8	25
291	Characterization of new specific copper chelators as potential drugs for the treatment of Alzheimer's disease. <i>Chemistry - A European Journal</i> , 2014 , 20, 6771-85	4.8	48
290	Schistosomiasis chemotherapy. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7936-56	16.4	96
289	Chemotherapie gegen Schistosomiasis. <i>Angewandte Chemie</i> , 2013 , 125, 8092-8114	3.6	2
288	Preliminary investigations of the effect of lipophilic analogues of the active metabolite of isoniazid toward bacterial and plasmodial strains. <i>Chemical Biology and Drug Design</i> , 2012 , 79, 1001-6	2.9	3
287	Activity of trioxaquine PA1259 in mice infected by <i>Schistosoma mansoni</i> . <i>Comptes Rendus Chimie</i> , 2012 , 15, 75-78	2.7	16
286	Towards Antimalarial Hybrid Drugs 2012 , 423-439		6

285	Evidence for the contribution of the hemozoin synthesis pathway of the murine <i>Plasmodium yoelii</i> to the resistance to artemisinin-related drugs. <i>PLoS ONE</i> , 2012 , 7, e32620	3.7	14
284	Copper chelator induced efficient episodic memory recovery in a non-transgenic Alzheimer's mouse model. <i>PLoS ONE</i> , 2012 , 7, e43105	3.7	65
283	Hat die Chemie eine Zukunft bei therapeutischen Innovationen?. <i>Angewandte Chemie</i> , 2012 , 124, 8832-8837	3.7	4
282	Does chemistry have a future in therapeutic innovations?. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8702-6	16.4	12
281	Antischistosomal activity of trioxaquinones: in vivo efficacy and mechanism of action on <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1474	4.8	33
280	Les molécules hybrides comme stratégie de création de nouveaux agents anti-infectieux. <i>Comptes Rendus Chimie</i> , 2011 , 14, 400-405	2.7	1
279	Trioxaquinone PA1259 alkylates heme in the blood-feeding parasite <i>Schistosoma mansoni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2403-5	5.9	19
278	Trioxaferroquinones as new hybrid antimalarial drugs. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 4103-9	8.3	92
277	Heme as trigger and target for trioxane-containing antimalarial drugs. <i>Accounts of Chemical Research</i> , 2010 , 43, 1444-51	24.3	129
276	Photolysis and thermolysis of platinum(IV) 2,2'-bipyridine complexes lead to identical platinum(II)-DNA adducts. <i>Chemistry - A European Journal</i> , 2010 , 16, 11420-31	4.8	10
275	Development of isoniazid-NAD truncated adducts embedding a lipophilic fragment as potential bi-substrate InhA inhibitors and antimycobacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4554-61	6.8	32
274	In vitro activities of trioxaquinones against <i>Schistosoma mansoni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4903-6	5.9	40
273	Docking studies of structurally diverse antimalarial drugs targeting PfATP6: no correlation between in silico binding affinity and in vitro antimalarial activity. <i>ChemMedChem</i> , 2009 , 4, 1469-79	3.7	31
272	Alkylating ability of artemisinin after Cu(I)-induced activation. <i>Journal of Biological Inorganic Chemistry</i> , 2009 , 14, 601-10	3.7	7
271	Hybrid molecules with a dual mode of action: dream or reality?. <i>Accounts of Chemical Research</i> , 2008 , 41, 69-77	24.3	652
270	Selection of a trioxaquinone as an antimalarial drug candidate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17579-84	11.5	119
269	Incorporation of oxidized guanine nucleoside 5'-triphosphates in DNA with DNA polymerases and preparation of single-lesion carrying DNA. <i>Biochemistry</i> , 2008 , 47, 4788-99	3.2	6
268	The antimalarial trioxaquinone DU1301 alkylates heme in malaria-infected mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2966-9	5.9	38

267	DNA cleavage and binding selectivity of a heterodinuclear Pt-Cu(3-Clip-Phen) complex. <i>Journal of Biological Inorganic Chemistry</i> , 2008 , 13, 575-86	3.7	29
266	Preparation and study of new poly-8-hydroxyquinoline chelators for an anti-Alzheimer strategy. <i>Chemistry - A European Journal</i> , 2008 , 14, 682-96	4.8	111
265	Platinated copper(3-clip-phen) complexes as effective DNA-cleaving and cytotoxic agents. <i>Chemistry - A European Journal</i> , 2008 , 14, 3418-26	4.8	40
264	Influence of the Copper Coordination Geometry on the DNA Cleavage Activity of Clip-Phen Complexes Studied by DFT. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 612-619	2.3	21
263	The Antimalarial Artemisone is an Efficient Heme Alkylating Agent. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2133-2135	2.3	16
262	Preparation of New Bis(8-aminoquinoline) Ligands and Comparison with Bis(8-hydroxyquinoline) Ligands on Their Ability to Chelate CuII and ZnII. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 5622-5631	2.3	25
261	Synthesis of Trioxaquantel Derivatives as Potential New Antischistosomal Drugs. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 895-913	3.2	33
260	Binding of the tautomeric forms of isoniazid-NAD adducts to the active site of the Mycobacterium tuberculosis enoyl-ACP reductase (InhA): a theoretical approach. <i>Journal of Molecular Graphics and Modelling</i> , 2008 , 27, 536-45	2.8	14
259	Clip-phen conjugates for the specific cleavage of nucleic acids. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007 , 26, 927-30	1.4	2
258	Spontaneous reduction of mixed 2,2'-bipyridine/methylamine/chloro complexes of Pt(IV) in water in the presence of light is accompanied by complex isomerization, loss of methylamine, and formation of a strong oxidant, presumably HOCl. <i>Chemistry - A European Journal</i> , 2007 , 13, 3980-8	4.8	24
257	Ring-Chain Tautomerism of Simplified Analogues of Isoniazid-NAD(P) Adducts: an Experimental and Theoretical Study. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1624-1630	3.2	14
256	Interaction of iron(II)-heme and artemisinin with a peptide mimic of Plasmodium falciparum HRP-II. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1739-47	4.2	6
255	Trioxaquinones are new antimalarial agents active on all erythrocytic forms, including gametocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1463-72	5.9	133
254	Trioxaquinones and heme-artemisinin adducts inhibit the in vitro formation of hemozoin better than chloroquine. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 3768-70	5.9	50
253	New approach for the preparation of efficient DNA cleaving agents: ditopic copper-platinum complexes based on 3-Clip-Phen and cisplatin. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3148-52	8.3	63
252	Synthesis of the isonicotinoylnicotinamide scaffolds of the naturally occurring isoniazid-NAD(P) adducts. <i>Journal of Organic Chemistry</i> , 2007 , 72, 675-8	4.2	19
251	Bis-8-hydroxyquinoline ligands as potential anti-Alzheimer agents. <i>New Journal of Chemistry</i> , 2007 , 31, 193	3.6	47
250	A G-quadruplex ligand with 10000-fold selectivity over duplex DNA. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1502-3	16.4	176

- 249 Guanine oxidation: one- and two-electron reactions. *Chemistry - A European Journal*, **2006**, 12, 6018-30 4.8 132
- 248 Guanine oxidation by electron transfer: one- versus two-electron oxidation mechanism. *ChemBioChem*, **2006**, 7, 125-33 3.8 30
- 247 Microstructured liposome array. *Bioconjugate Chemistry*, **2006**, 17, 245-7 6.3 34
- 246 Synthesis of new macrocyclic chiral manganese(III) Schiff bases as catalysts for asymmetric epoxidation. *Journal of Organic Chemistry*, **2006**, 71, 1449-57 4.2 51
- 245 Heme alkylation by artemisinin and trioxaquinones. *Journal of Physical Organic Chemistry*, **2006**, 19, 562-569.1 15
- 244 Influence of chelators and iron ions on the production and degradation of H₂O₂ by beta-amyloid-copper complexes. *Journal of Inorganic Biochemistry*, **2006**, 100, 2117-26 4.2 20
- 243 Mechanistic studies on DNA damage by minor groove binding copper-phenanthroline conjugates. *Nucleic Acids Research*, **2005**, 33, 5371-9 20.1 124
- 242 Heme as Trigger and Target of the Antimalarial Peroxide Artemisinin. *ACS Symposium Series*, **2005**, 281-294
- 241 ¹H and ¹³C NMR characterization of pyridinium-type isoniazid-NAD adducts as possible inhibitors of InhA reductase of Mycobacterium tuberculosis. *Organic and Biomolecular Chemistry*, **2005**, 3, 670-3 3.9 10
- 240 The first chemical synthesis of the core structure of the benzoylhydrazine-NAD adduct, a competitive inhibitor of the Mycobacterium tuberculosis enoyl reductase. *Journal of Organic Chemistry*, **2005**, 70, 10502-10 4.2 31
- 239 Synthesis and activity of macrocyclized chiral Mn(III) Schiff-base epoxidation catalysts. *Journal of Organometallic Chemistry*, **2005**, 690, 2163-2171 2.3 20
- 238 The key role of heme to trigger the antimalarial activity of trioxanes. *Coordination Chemistry Reviews*, **2005**, 249, 1927-1936 23.2 44
- 237 Studies on the 4-benzoylpyridine-3-carboxamide entity as a fragment model of the Isoniazid-NAD adduct. *Organic and Biomolecular Chemistry*, **2005**, 3, 666-9 3.9 12
- 236 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 7.3 31
- 235 The P-Stereocontrolled Synthesis of PO/PS-Chimeric Oligonucleotides by Incorporation of Dinucleoside Phosphorothioates Bearing an O-4-Nitrophenyl Phosphorothioate Protecting Group. *European Journal of Organic Chemistry*, **2005**, 2005, 2924-2930 3.2 10
- 234 C₁₀-modified artemisinin derivatives: efficient heme-alkylating agents. *Angewandte Chemie - International Edition*, **2005**, 44, 2060-3; author reply 2064-5 16.4 42
- 233 C₁₀-Modified Artemisinin Derivatives: Efficient Heme-Alkylating Agents. *Angewandte Chemie*, **2005**, 117, 2096-2099 3.6 6
- 232 Porphyrin derivatives for telomere binding and telomerase inhibition. *ChemBioChem*, **2005**, 6, 123-32 3.8 106

231	Cytostatic activity of 1,10-phenanthroline derivatives generated by the clip-phen strategy. <i>ChemBioChem</i> , 2005 , 6, 686-91	3.8	29
230	Heme alkylation by artesunic acid and trioxaquine DU1301, two antimalarial trioxanes. <i>ChemBioChem</i> , 2005 , 6, 653-8	3.8	28
229	Preparation of cyclo-phen-type ligands: chelators of metal ions as potential therapeutic agents in the treatment of neurodegenerative diseases. <i>ChemBioChem</i> , 2005 , 6, 1976-80	3.8	17
228	Use of short duplexes for the analysis of the sequence-dependent cleavage of DNA by a chemical nuclease, a manganese porphyrin. <i>ChemBioChem</i> , 2005 , 6, 2326-35	3.8	11
227	The antimalarial drug artemisinin alkylates heme in infected mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13676-80	11.5	145
226	Cationic phosphorus-containing dendrimers reduce prion replication both in cell culture and in mice infected with scrapie. <i>Journal of General Virology</i> , 2004 , 85, 1791-1799	4.9	151
225	Biomimetic Chemical Catalysts in the Oxidative Activation of Drugs. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 171-184	5.6	95
224	Mechanism of Oxidation Reactions Catalyzed by Cytochrome P450 Enzyme. <i>ChemInform</i> , 2004 , 35, no		1
223	Synthesis and antimalarial activity of trioxaquine derivatives. <i>Chemistry - A European Journal</i> , 2004 , 10, 1625-36	4.8	120
222	Alkylation of human hemoglobin A0 by the antimalarial drug artemisinin. <i>FEBS Letters</i> , 2004 , 556, 245-8	3.8	33
221	Mechanism of oxidation reactions catalyzed by cytochrome p450 enzymes. <i>Chemical Reviews</i> , 2004 , 104, 3947-80	68.1	1774
220	DNA cleavage studies of mononuclear and dinuclear copper(II) complexes with benzothiazolesulfonamide ligands. <i>Journal of Biological Inorganic Chemistry</i> , 2003 , 8, 644-52	3.7	86
219	Theoretical study of the interaction between a high-valent manganese porphyrin oxyl-(hydroxo)-Mn(IV)-TMPyP and double-stranded DNA. <i>Journal of Computational Chemistry</i> , 2003 , 24, 797-805	3.5	27
218	DNA Cleavage by Copper Complexes of 2- and 3-Clip-Phen Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 528-540	2.3	48
217	¹ H and ¹³ C NMR characterization of hemiamidal isoniazid-NAD(H) adducts as possible inhibitors of InhA reductase of Mycobacterium tuberculosis. <i>Chemistry - A European Journal</i> , 2003 , 9, 2034-8	4.8	23
216	Synthesis and antimalarial activity of 2-methoxyprop-2-yl peroxides derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 75-7	2.9	8
215	Synthesis and biological evaluation of a new trioxaquine containing a trioxane moiety obtained by halogenocyclisation of a hemiperoxyacetal. <i>Comptes Rendus Chimie</i> , 2003 , 6, 153-160	2.7	7
214	Alkylation of manganese(II) tetraphenylporphyrin by antimalarial fluorinated artemisinin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 1059-62	2.9	11

213	Porphyrin-aminoquinoline conjugates as telomerase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 921-7	3.9	46
212	Alkylation of manganese(II) tetraphenylporphyrin by a synthetic antimalarial trioxane. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 2859-64	3.9	7
211	Dendrilsides, dendrichips: a simple chemical functionalization of glass slides with phosphorus dendrimers as an effective means for the preparation of biochips. <i>New Journal of Chemistry</i> , 2003 , 27, 1713-1719	3.6	81
210	Dendrimeric coating of glass slides for sensitive DNA microarrays analysis. <i>Nucleic Acids Research</i> , 2003 , 31, e88	20.1	163
209	Alkylation of microperoxidase-11 by the antimalarial drug artemisinin. <i>ChemBioChem</i> , 2002 , 3, 1147-9	3.8	13
208	Is the isonicotinoyl radical generated during activation of isoniazid by Mn(III)-pyrophosphate?. <i>Comptes Rendus Chimie</i> , 2002 , 5, 325-330	2.7	10
207	Synthesis and stereochemical study of a trioxaquine prepared from cis-bicyclo[3.3.0]octane-3,7-dione. <i>Comptes Rendus Chimie</i> , 2002 , 5, 297-302	2.7	6
206	NMR characterization of covalent adducts obtained by alkylation of heme with the antimalarial drug artemisinin. <i>Inorganica Chimica Acta</i> , 2002 , 339, 488-496	2.7	31
205	Manganese(III) Porphyrin Catalysts for the Oxidation of Terpene Derivatives: A Comparative Study. <i>Journal of Catalysis</i> , 2002 , 206, 349-357	7.3	32
204	Characterization of the dehydro-guanidinohydantoin oxidation product of guanine in a dinucleotide. <i>Chemical Research in Toxicology</i> , 2002 , 15, 1643-51	4	28
203	Metal-Oxo Species in P450 Enzymes and Biomimetic Models. Oxo-Hydroxo Tautomerism with Water-Soluble Metalloporphyrins. <i>Topics in Catalysis</i> , 2002 , 21, 47-54	2.3	45
202	From studies on artemisinin derivatives to trioxaquinones. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002 , 06, 271-273	1.8	4
201	Mn(III) pyrophosphate as an efficient tool for studying the mode of action of isoniazid on the InhA protein of Mycobacterium tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 2137-44	5.9	69
200	Chemistry. Catalytic degradation of chlorinated phenols. <i>Science</i> , 2002 , 296, 270-1	33.3	101
199	A minor groove binding copper-phenanthroline conjugate produces direct strand breaks via beta-elimination of 2-deoxyribonolactone. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9062-3	16.4	81
198	Acridine conjugates of 3-clip-phen: influence of the linker on the synthesis and the DNA cleavage activity of their copper complexes. <i>Bioconjugate Chemistry</i> , 2002 , 13, 1013-20	6.3	20
197	Recent Advances in Malaria Chemotherapy. <i>Journal of the Chinese Chemical Society</i> , 2002 , 49, 301-310	1.5	9
196	From mechanistic studies on artemisinin derivatives to new modular antimalarial drugs. <i>Accounts of Chemical Research</i> , 2002 , 35, 167-74	24.3	252

195	Alkylating capacity and reaction products of antimalarial trioxanes after activation by a heme model. <i>Journal of Organic Chemistry</i> , 2002 , 67, 609-19	4.2	53
194	Alkylation of heme by the antimalarial drug artemisinin. <i>Chemical Communications</i> , 2002 , 414-5	5.8	94
193	Preparation, characterization and crystal structures of manganese(II), iron(III) and copper(II) complexes of the bi. <i>Journal of Biological Inorganic Chemistry</i> , 2001 , 6, 14-22	3.7	100
192	A single-strand polymer of hexacoordinated zinc(II) phosphodiester complex. <i>Journal of Organometallic Chemistry</i> , 2001 , 624, 58-62	2.3	14
191	The nonenzymatic activation of isoniazid by Mn(III)-pyrophosphate in the presence of NADH produces the inhibition of the enoyl-ACP reductase InhA from <i>Mycobacterium tuberculosis</i> . <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 2001 , 4, 35-40		4
190	Alkylation of heme by artemisinin, an antimalarial drug. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 2001 , 4, 85-89		8
189	Synthesis of organo-soluble metallophthalocyanines bearing electron-withdrawing substituents. <i>Journal of Porphyrins and Phthalocyanines</i> , 2001 , 05, 867-872	1.8	13
188	Metallophthalocyanines Linked to Organic Copolymers as Efficient Oxidative Supported Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 1775-1783	2.3	40
187	A fast and efficient metal-mediated oxidation of isoniazid and identification of isoniazid-NAD(H) adducts. <i>ChemBioChem</i> , 2001 , 2, 877-83	3.8	64
186	Characterization of the Alkylation Product of Heme by the Antimalarial Drug Artemisinin. <i>Angewandte Chemie</i> , 2001 , 113, 2008-2011	3.6	14
185	Characterization of the Alkylation Product of Heme by the Antimalarial Drug Artemisinin We are grateful to the CNRS for financial support, and to the French Ministry of Education for a PhD grant to J.C. Dr. Yannick Coppel (LCC-CNRS) is gratefully acknowledged for discussions on NMR data.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1954-1957	16.4	112
184	Key Role of the Phosphate Buffer in the H ₂ O ₂ Oxidation of Aromatic Pollutants Catalyzed by Iron Tetrasulphophthalocyanine. <i>Journal of Catalysis</i> , 2001 , 202, 177-186	7.3	34
183	Possible modes of action of the artemisinin-type compounds. <i>Trends in Parasitology</i> , 2001 , 17, 122-6	6.4	187
182	Radical mechanism of action of the artemisinin-type compounds. <i>Trends in Parasitology</i> , 2001 , 17, 267-268	6.4	6
181	In vitro activities of DU-1102, a new trioxaquinone derivative, against <i>Plasmodium falciparum</i> isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 1886-8	5.9	55
180	Simple and Efficient Syntheses of 1,10-Phenanthrolines Substituted at C3 or C3 and C8 by Methoxy or Hydroxy Groups. <i>Synlett</i> , 2001 , 2001, 1629-1631	2.2	8
179	Convenient method for the preparation of 2'-deoxyribosylurea by thymidine oxidation and NMR study of both anomers. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001 , 20, 1463-71	1.4	11
178	Improvement of porphyrin cellular delivery and activity by conjugation to a carrier peptide. <i>Bioconjugate Chemistry</i> , 2001 , 12, 691-700	6.3	51

177	Characterization of an oxaluric acid derivative as a guanine oxidation product. <i>Chemical Communications</i> , 2001 , 2116-7	5.8	17
176	Characterization of a 5'-aldehyde terminus resulting from the oxidative attack at C5' of a 2-deoxyribose on DNA. <i>Chemical Research in Toxicology</i> , 2001 , 14, 1413-20	4	30
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