Pascal Sonnet

List of Publications by Year
in descending order

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104	2,348	201674	243625
papers	citations	27	44
		h-index	g-index

107	107	107	3565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimalarial Drug Discovery: From Quinine to the Most Recent Promising Clinical Drug Candidates. Current Medicinal Chemistry, 2022, 29, 3326-3365.	2.4	18
2	The impact of phosphatidylserine exposure on cancer cell membranes on the activity of the anticancer peptide HB43. FEBS Journal, 2022, 289, 1984-2003.	4.7	6
3	The potential of antifungal peptide Sesquin as natural food preservative. Biochimie, 2022, 203, 51-64.	2.6	6
4	The Influence of Short Motifs on the Anticancer Activity of HB43 Peptide. Pharmaceutics, 2022, 14, 1089.	4.5	3
5	A review of current and promising nontuberculous mycobacteria antibiotics. Future Medicinal Chemistry, 2021, 13, 1367-1395.	2.3	9
6	Efflux Pump Overexpression Profiling in Acinetobacter baumannii and Study of New 1-(1-Naphthylmethyl)-Piperazine Analogs as Potential Efflux Inhibitors. Antimicrobial Agents and Chemotherapy, 2021, 65, e0071021.	3.2	4
7	Antimicrobial Peptide K11 Selectively Recognizes Bacterial Biomimetic Membranes and Acts by Twisting Their Bilayers. Pharmaceuticals, 2021, 14, 1.	3.8	54
8	Crystal Structure of 1-(3-Ferrocenyl-2-methylpyrrolo[1,2-<i>a</i>]quinoxalin-4-yl)piperazin-4-ium Chloride. X-ray Structure Analysis Online, 2021, 37, 65-67.	0.2	1
9	A novel multi-target strategy to attenuate the progression of Parkinson's disease by diamine hybrid AGE/ALE inhibitor. Future Medicinal Chemistry, 2021, 13, 2185-2200.	2.3	5
10	Quorum Sensing Inhibitors to Quench P. aeruginosa Pathogenicity. Pharmaceuticals, 2021, 14, 1262.	3.8	33
11	Design, synthesis, and antiprotozoal evaluation of new 2,4-bis[(substituted-aminomethyl)phenyl]quinoline, 1,3-bis[(substituted-aminomethyl)phenyl]isoquinoline and 2,4-bis[(substituted-aminomethyl)phenyl]quinazoline derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 432-450.	5.2	14
12	GFOGER Peptide Modifies the Protein Content of Extracellular Vesicles and Inhibits Vascular Calcification. Frontiers in Cell and Developmental Biology, 2020, 8, 589761.	3.7	8
13	Enantiopure substituted pyridines as promising antimalarial drug candidates. Tetrahedron, 2020, 76, 131088.	1.9	7
14	Advances in â€˜Trojan horseâ€™Âstrategies in antibiotic delivery systems. Future Medicinal Chemistry, 2020, 12, 983-986.	2.3	8
15	Synthesis and Study of New Quinolineaminoethanols as Anti-Bacterial Drugs. Pharmaceuticals, 2019, 12, 91.	3.8	3
16	Hydroxypyridinone-Diamine Hybrids as Potential Neuroprotective Agents in the PC12 Cell-Line Model of Alzheimer's Disease. Pharmaceuticals, 2019, 12, 162.	3.8	4
17	Synthesis of 1H-3-{4-[(3-Dimethylaminopropyl)aminomethyl]phenyl}-2-phenylindole and Evaluation of Its Antiprotozoal Activity. MolBank, 2019, 2019, M1060.	0.5	4
18	Ironing out pyoverdineâ€™s chromophore structure: serendipity or design?. Journal of Biological Inorganic Chemistry, 2019, 24, 659-673.	2.6	5

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19	Drug delivery systems designed to overcome antimicrobial resistance. Medicinal Research Reviews, 2019, 39, 2343-2396.	10.5	64
20	Study of Iron Piperazine-Based Chelators as Potential Siderophore Mimetics. Pharmaceuticals, 2019, 12, 160.	3.8	7
21	Design, synthesis, and antiprotozoal evaluation of new 2,9â€bis[(substitutedâ€aminomethyl)phenyl]â€1,10â€phenanthroline derivatives. Chemical Biology and Drug Design, 2018, 91, 974-995.	3.2	20
22	Crystal Structure of 2,8-Bis(trifluoromethyl)-4-vinylquinoline. X-ray Structure Analysis Online, 2018, 34, 15-16.	0.2	1
23	Crystal structure and identification of a pyrimido[6,1-b][1,3]oxazin-6-one derivative from the reaction of acrolein with 5-(phenoxymethyl)-2-amino-2-oxazoline. Comptes Rendus Chimie, 2018, 21, 987-992.	0.5	2
24	Chemical Composition of Essential Oil from Atriplex lentiformis Leaves. Chemistry of Natural Compounds, 2018, 54, 772-773.	0.8	0
25	Synthesis and Antimalarial Activity of New Enantiopure Aminoalcoholpyrrolo[1,2-a]quinoxalines. Medicinal Chemistry, 2018, 14, 293-303.	1.5	21
26	Design, synthesis and antimalarial activity of novel bis{N-[(pyrrolo[1,2-a]quinoxalin-4-yl)benzyl]-3-aminopropyl}amine derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 547-563.	5.2	51
27	Synthesis and Antiproliferative Effect of Ethyl 4â€{4â€(4â€Substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (Piperidin ChemMedChem, 2017, 12, 940-953.	3.2	30
28	Oligogalacturonic Acid Inhibits Vascular Calcification by Two Mechanisms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1391-1401.	2.4	32
29	Synthesis, iron(III) complexation properties, molecular dynamics simulations and P.Âaeruginosa siderophore-like activity of two pyoverdine analogs. European Journal of Medicinal Chemistry, 2017, 137, 338-350.	5.5	8
30	Anti-mycotoxin Effect and Antifungal Properties of Essential Oil from Ammodaucus leucotrichus Coss. & Dur. on Aspergillus flavus and Aspergillus ochraceus. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 36-44.	1.9	14
31	Evaluation of the phytoremediation potential of Arundo donax L. for nickel-contaminated soil. International Journal of Phytoremediation, 2017, 19, 377-386.	3.1	25
32	Antibacterial and antioxidant activities of the essential oils and phenolic extracts of Myrtus communis and Zygophylum album from Algeria. Journal of Fundamental and Applied Sciences, 2016, 8, 510.	0.2	12
33	N-methyl-2-pyridone-5-carboxamide (2PY)â€"Major Metabolite of Nicotinamide: An Update on an Old Uremic Toxin. Toxins, 2016, 8, 339.	3.4	42
34	The antibacterial effect of two medicinal plants <i>Inula viscosa</i>, <i>Anacyclus valentinus</i> (Asteraceae) and their synergistic interaction with antibiotic drugs. Journal of Fundamental and Applied Sciences, 2016, 8, 244.	0.2	10
35	Effects of 3G cell phone exposure on the structure and function of the human cytochrome P450 reductase. Bioelectrochemistry, 2016, 111, 62-69.	4.6	3
36	Î²-Hematin Crystal Formation: New Insights from Molecular Dynamics Simulations of Small Clusters in Condensed Phase. Crystal Growth and Design, 2016, 16, 2249-2259.	3.0	2

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37	Multifunctional diamine AGE/ALE inhibitors with potential therapeutical properties against Alzheimer's disease. European Journal of Medicinal Chemistry, 2016, 122, 702-722.	5.5	5
38	Synthesis and evaluation of the cytotoxic activity of novel ethyl 4-[4-(4-substitutedpiperidin-1-yl)]benzyl-phenylpyrrolo[1,2-a]quinoxaline-carboxylate derivatives in myeloid and lymphoid leukemia cell lines. European Journal of Medicinal Chemistry, 2016, 113, 214-227.	5.5	37
39	The origin of the stereoselective alkylation of 3-substituted-2-oxopiperazines: A computational investigation. Computational and Theoretical Chemistry, 2016, 1078, 1-8.	2.5	0
40	Asymmetric synthesis of new antimalarial aminoquinolines through Sharpless aminohydroxylation. Tetrahedron: Asymmetry, 2016, 27, 1-11.	1.8	7
41	Design, Synthesis and Antimalarial Activity of Some New Aminoalcoholpyrrolo[1,2-a]quinoxaline Derivatives. Letters in Drug Design and Discovery, 2016, 13, 932-942.	0.7	7
42	Wnt/Î²-Catenin Signaling Mediates Osteoblast Differentiation Triggered by Peptide-induced Î±5Î²1 Integrin Priming in Mesenchymal Skeletal Cells. Journal of Biological Chemistry, 2015, 290, 6903-6912.	3.4	91
43	Selectivity of pyoverdine recognition by the FpvA receptor of Pseudomonas aeruginosa from molecular dynamics simulations. Physical Chemistry Chemical Physics, 2015, 17, 18022-18034.	2.8	6
44	Biologically active carbazole derivatives: focus on oxazinocarbazoles and related compounds. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 180-188.	5.2	17
45	Response surface modeling of acid activation of raw diatomite using in sunflower oil bleaching by: Boxâ€“Behnken experimental design. Journal of Food Science and Technology, 2015, 52, 1677-1683.	2.8	9
46	Antioxidant Properties of Phenolic Compounds from Baccharis articulata and B. usterii. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	3
47	Enantiomerically pure amino-alcohol quinolines: in vitro anti-malarial activity in combination with dihydroartemisinin, cytotoxicity and in vivo efficacy in a Plasmodium berghei mouse model. Malaria Journal, 2014, 13, 407.	2.3	6
48	N-Cadherin/Wnt Interaction Controls Bone Marrow Mesenchymal Cell Fate and Bone Mass During Aging. Journal of Cellular Physiology, 2014, 229, 1765-1775.	4.1	27
49	Phenolic Content, Antioxidant and Antimicrobial Activities of Two Fruit Varieties of Algerian Ficus carica L. Journal of Food Biochemistry, 2014, 38, 207-215.	2.9	36
50	Design, synthesis and biological evaluation of novel 4-alkapolyenylpyrrolo[1,2-a]quinoxalines as antileishmanial agents â€“ Part III. European Journal of Medicinal Chemistry, 2014, 81, 378-393.	5.5	46
51	Synthesis of Isosteric Triterpenoid Derivatives and Antifungal Activity. Chemical Biology and Drug Design, 2014, 83, 344-349.	3.2	21
52	Synthesis and antibacterial activity of catecholateâ€“ciprofloxacin conjugates. Bioorganic and Medicinal Chemistry, 2014, 22, 4049-4060.	3.0	46
53	Chemistry and Biology of Pyoverdines, Pseudomonas Primary Siderophores. Current Medicinal Chemistry, 2014, 22, 165-186.	2.4	120
54	Side chain length is more important than stereochemistry in the antibacterial activity of enantiomerically pure 4-aminoalcohol quinoline derivatives. Journal of Antibiotics, 2013, 66, 683-686.	2.0	5

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55	Influence of the insertion of a cationic peptide on the size and shape of nanoliposomes: A light scattering investigation. International Journal of Pharmaceutics, 2013, 454, 621-624.	5.2	3
56	Absolute Configuration and Antimalarial Activity of erythroâ€Mefloquine Enantiomers. ChemPlusChem, 2013, 78, 642-646.	2.8	17
57	Lysosomal disruption preferentially targets acute myeloid leukemia cells and progenitors. Journal of Clinical Investigation, 2013, 123, 315-328.	8.2	117
58	Synthesis and Antiplasmodial Activity of Betulinic Acid and Ursolic Acid Analogues. Molecules, 2012, 17, 12003-12014.	3.8	61
59	Synthesis, Physicochemical Studies, Molecular Dynamics Simulations, and Metalâ€ionâ€Dependent Antiproliferative and Antiangiogenic Properties of Cone ICL670â€Substituted Calix[4]arenes. ChemPlusChem, 2012, 77, 1001-1016.	2.8	8
60	Calix[4]arene-modified silica nanoparticles for the potentiometric detection of iron (III) in aqueous solution. Comptes Rendus Chimie, 2012, 15, 290-297.	0.5	6
61	Peptide-based mediated disruption of N-cadherin-LRP5/6 interaction promotes Wnt signaling and bone formation. Journal of Bone and Mineral Research, 2012, 27, 1852-1863.	2.8	34
62	Prevalence of efflux-mediated ciprofloxacin and levofloxacin resistance in recent clinical isolates of Pseudomonas aeruginosa and its reversal by the efflux pump inhibitors 1-(1-naphthylmethyl)-piperazine and phenylalanine-arginine-Î²-naphthylamide. International Journal of Antimicrobial Agents, 2012, 39, 77-80.	2.5	39
63	A new sensitive organic/inorganic hybrid material based on titanium oxide for the potentiometric detection of iron(III). Journal of Colloid and Interface Science, 2012, 388, 130-136.	9.4	13
64	Peptideâ€based activation of alpha5 integrin for promoting osteogenesis. Journal of Cellular Biochemistry, 2012, 113, 3029-3038.	2.6	43
65	Differences in anti-malarial activity of 4-aminoalcohol quinoline enantiomers and investigation of the presumed underlying mechanism of action. Malaria Journal, 2012, 11, 65.	2.3	27
66	The Beckmann Rearrangement Applied to Ursolic Acid with Antimalarial Activity in Medicinal Chemistry Studies. Letters in Organic Chemistry, 2012, 9, 92-95.	0.5	9
67	Synthesis and evaluation of the antiproliferative activity of novel isoindolo[2,1-a]quinoxaline and indolo[1,2-a]quinoxaline derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 657-667.	5.2	31
68	Antiproliferative effect on HepaRG cell cultures of new calix[4]arenes. Part II. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 204-215.	5.2	13
69	Triterpenes and new saponins from Ilex chamaedryfolia: chemotaxonomic tool to ilex species differentiation. Quimica Nova, 2011, 34, 222-225.	0.3	3
70	In vitro antimalarial activity of ICL670: A further proof of the correlation between inhibition of Î²-hematin formation and of peroxidative degradation of hemin. Experimental Parasitology, 2011, 128, 26-31.	1.2	11
71	Efficient synthesis of amino-protected calix[4]arenes selectively functionalized with iron chelator ICL670 designed as platform for iron recognition. Tetrahedron, 2011, 67, 2916-2924.	1.9	7
72	New ferrocenic pyrrolo[1,2-a]quinoxaline derivatives: Synthesis, and in vitro antimalarial activity â€“ Part II. European Journal of Medicinal Chemistry, 2011, 46, 2310-2326.	5.5	98

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73	First enantioselective synthesis of 4-aminoalcohol quinoline derivatives through a regioselective SN2 epoxide opening mechanism. Tetrahedron: Asymmetry, 2011, 22, 138-148.	1.8	20
74	Synthesis of 4-Thiouracil KPGEPGPK Analogues as Potential TIIICBP Identification Tools. International Journal of Peptide Research and Therapeutics, 2010, 16, 257-266.	1.9	1
75	Inhibitory effect of ursolic acid derivatives on hydrogen peroxide- and glutathione-mediated degradation of hemin: A possible additional mechanism of action for antimalarial activity. Experimental Parasitology, 2010, 125, 202-207.	1.2	22
76	Antiproliferative effect on HepaRG cell cultures of new calix[4]arenes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 216-227.	5.2	16
77	Circular dichroism studies of type III collagen mimetic peptides with anti- or pro-aggregant activities on human platelets. European Journal of Medicinal Chemistry, 2009, 44, 2643-2650.	5.5	12
78	New efficient enantioselective synthesis of 2-oxopiperazines: a practical access to chiral 3-substituted 2-oxopiperazines. Tetrahedron: Asymmetry, 2008, 19, 1689-1697.	1.8	23
79	Evaluation of ursolic acid isolated from Ilex paraguariensis and derivatives on aromatase inhibition. European Journal of Medicinal Chemistry, 2008, 43, 1865-1877.	5.5	110
80	Pharmacomodulation on the 3-acetylursolic acid skeleton: Design, synthesis, and biological evaluation of novel N-{3-[4-(3-aminopropyl)piperazinyl]propyl}-3-O-acetylursolamide derivatives as antimalarial agents. Bioorganic and Medicinal Chemistry, 2008, 16, 771-782.	3.0	39
81	Synthesis and preliminary evaluation of new ursolic and oleanolic acids derivatives as antileishmanial agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 604-610.	5.2	29
82	The Reactivity of Related 6-Amino- and 5,6-Diaminouracils Derived from 2-Amino-5-(phenoxymethyl)-2-oxazoline: Efficient Access to Bicyclic Pyrimidine Derivatives. Synthesis, 2007, 2007, 2193-2197.	2.3	0
83	Type III collagen mimetic peptides designed with anti- or pro-aggregant activities on human platelets. European Journal of Medicinal Chemistry, 2007, 42, 694-701.	5.5	5
84	Distribution of coumarins in the tribe Plucheeae, genus Pterocaulon. Chemistry of Natural Compounds, 2007, 43, 691-693.	0.8	7
85	Modulation of cell proliferation in rat liver cell cultures by new calix[4]arenes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 261-270.	5.2	20
86	The platelet receptor for type III collagen (TIIICBP) is present in platelet membrane lipid microdomains (rafts). Histochemistry and Cell Biology, 2006, 125, 407-417.	1.7	16
87	Antithrombotic effect of the type III collagen-related octapeptide (KOGEOGPK) in the mouse. Vascular Pharmacology, 2006, 44, 42-49.	2.1	18
88	Crystal Structure of Bis{N-(pyrrolo[1,2-a]quinoxalin-4-yl)-3-aminopropyl}piperazine. Analytical Sciences: X-ray Structure Analysis Online, 2005, 21, X209-X210.	0.1	0
89	FAST AND CHEMOSELECTIVE N-DEBENZYLATION ROUTE TO CHIRAL 2-SUBSTITUTED THIOMORPHOLIN-3-ONES. Heterocyclic Communications, 2005, 11, .	1.2	0
90	Simple, versatile and highly diastereoselective synthesis of 1,3,4-trisubstituted-2-oxopiperazine-containing peptidomimetic precursors. Organic and Biomolecular Chemistry, 2005, 3, 787.	2.8	10

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91	First Synthesis of 1,3-Alternate 25,27-Dialkyloxy-5,17-diarylcalix[4]arenes-crown-6 as New Cesium Selective Extractants by Suzuki Cross-coupling Reaction. Supramolecular Chemistry, 2004, 16, 319-329.	1.2	8
92	Efficient Enantioselective Synthesis of 2-Substituted Thiomorpholin-3-ones.. ChemInform, 2004, 35, no.	0.0	0
93	Synthesis, Antimalarial Activity, and Molecular Modeling of New Pyrrolo[1,2-a]quinoxalines, Bispyrrolo[1,2-a]quinoxalines, Bispyrido[3,2-e]pyrrolo[1,2-a]pyrazines, and Bispyrrolo[1,2-a]thieno[3,2-e]pyrazines. Journal of Medicinal Chemistry, 2004, 47, 1997-2009.	6.4	151
94	Efficient enantioselective synthesis of 2-substituted thiomorpholin-3-ones. Tetrahedron: Asymmetry, 2003, 14, 3401-3405.	1.8	9
95	First synthesis of segetalins B and G: two cyclopentapeptides with estrogen-like activity. Tetrahedron Letters, 2003, 44, 3293-3296.	1.4	13
96	Synthesis and Cesium Binding Affinity of New 25,27-Bis(alkyloxy)calix[4]arene-crown-6 Conformers in Relation to the Alkyl Pendent Moiety. Supramolecular Chemistry, 2002, 14, 437-451.	1.2	20
97	Ab Initio Study of the (5R)- and (5S)-TT Pyrimidine h5(6â^'4) Pyrimidone Photoproducts. Implications on the Design of New Biologically Relevant Analogues. Journal of Organic Chemistry, 2002, 67, 9140-9145.	3.2	3
98	First synthesis of segetalin A and analogous cyclohexapeptides. Tetrahedron Letters, 2001, 42, 1681-1683.	1.4	17
99	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 40, 239-242.	1.6	1
100	New aromatase inhibitors. Synthesis and biological activity of aryl-substituted pyrrolizine and indolizine derivatives. Bioorganic and Medicinal Chemistry, 2000, 8, 945-955.	3.0	114
101	Synthesis of Cone, Partial-Cone, and 1,3-Alternate 25,27-Bis[1-(2-ethyl)hexyl]- and 25,27-Bis[1-(2-tert-butoxy)ethyl]calix[4]arene-crown-6 Conformers as Potential Selective Cesium Extractants. Journal of Organic Chemistry, 2000, 65, 8283-8289.	3.2	44
102	MR 20492 and MR 20494: two indolizinone derivatives that strongly inhibit human aromatase. Journal of Steroid Biochemistry and Molecular Biology, 1999, 70, 59-71.	2.5	17
103	Evidence for new non-steroidal human aromatase inhibitors and comparison with equine aromatase inhibition for an understanding of the mammalian active site. European Journal of Medicinal Chemistry, 1998, 33, 451-462.	5.5	29
104	A convenient route to new phenyltetrahydroindolizines. Journal of Heterocyclic Chemistry, 1996, 33, 1689-1694.	2.6	9