

Marek R KrÅ³l

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

346
citations

933447

10
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent development of potent analogues of oxazolidinone antibacterial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 577-591.	3.0	99
2	Enhancement of tacrolimus productivity in <i>Streptomyces tsukubaensis</i> by the use of novel precursors for biosynthesis. <i>Enzyme and Microbial Technology</i> , 2012, 51, 388-395.	3.2	40
3	5-HT Receptors and the Development of New Antidepressants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9015.	4.1	38
4	Prediction of Overall In Vitro Microsomal Stability of Drug Candidates Based on Molecular Modeling and Support Vector Machines. Case Study of Novel Arylpiperazines Derivatives. <i>PLoS ONE</i> , 2015, 10, e0122772.	2.5	21
5	Synthesis and structure of novel 4-arylhexahydro-1,3-pyrido[1,2-c]pyrimidine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 389-396.	2.6	18
6	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity, Part 1. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1710-1717.	5.5	18
7	Comparison of Chemical Composition in <i>Tuber aestivum</i> Vittad. of Different Geographical Origin. <i>Chemistry and Biodiversity</i> , 2016, 13, 1617-1629.	2.1	17
8	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity: Part 2. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4702-4715.	5.5	15
9	Synthesis of new hexahydro- and octahydro-pyrido[1,2-c]pyrimidine derivatives with an arylpiperazine moiety as ligands for 5-HT1A and 5-HT2A receptors. Part 4. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 125-134.	5.5	14
10	Synthesis of novel pyrido[1,2-c]pyrimidine derivatives with rigidized tryptamine moiety as potential SSRI and 5-HT1A receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 144-158.	5.5	14
11	Synthesis of new 5,6,7,8-tetrahydropyrido[1,2-c]pyrimidine derivatives with rigidized tryptamine moiety as potential SSRI and 5-HT1A receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 383-397.	5.5	11
12	Use of biomimetic chromatography and in vitro assay to develop predictive GA-MLR model for use in drug-property prediction among anti-depressant drug candidates. <i>Microchemical Journal</i> , 2022, 175, 107183.	4.5	10
13	Understanding performance of 3D-printed sorbent in study of metabolic stability. <i>Journal of Chromatography A</i> , 2020, 1629, 461501.	3.7	8
14	Synthesis of Novel Pyrido[1,2-c]pyrimidine Derivatives with 6-Fluoro-3-(4-piperidynyl)-1,2-benzisoxazole Moiety as Potential SSRI and 5-HT1A Receptor Ligands. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2329.	4.1	8
15	Characterization of Disopyramide derivative ADD424042 as a non-cardiotoxic neuronal sodium channel blocker with broad-spectrum anticonvulsant activity in rodent seizure models. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 42-51.	4.0	7
16	Structural studies of pyrido[1,2-c]pyrimidine derivatives by ¹³ C CPMAS NMR, X-ray diffraction and GIAO/DFT calculations. <i>Journal of Molecular Structure</i> , 2008, 892, 325-330.	3.6	2
17	Structure-activity relationship and cardiac safety of 2-aryl-2-(pyridin-2-yl)acetamides as a new class of broad-spectrum anticonvulsants derived from Disopyramide. <i>Bioorganic Chemistry</i> , 2020, 98, 103717.	4.1	2
18	Molecular Docking Supplements an In vitro Determination of the Leading CYP Isoform for Arylpiperazine Derivatives. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2019, 22, 370-378.	1.1	2

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19	Synthesis of a New Scaffold: the 7H,8H-Pyrimido[1,6-b]pyridazin-6,8-dione Nucleus. <i>Molecules</i> , 2007, 12, 2643-2657.	3.8	1
20	The influence of phase II enzymes on in vitro half-life of pirydo[1,2-c]pymidine derivatives as structural analogues of arylpiperazine. <i>Microchemical Journal</i> , 2020, 159, 105550.	4.5	0