Marek R KrÃ³l

List of Publications by Year
in descending order

20	346	933447 10	794594 19
papers	citations	h-index	g-index

23	23	23	443
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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. Microchemical Journal, 2022, 175, 107183.	4.5	10
2	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. International Journal of Molecular Sciences, 2021, 22, 2329.	4.1	8
3	5-HT Receptors and the Development of New Antidepressants. International Journal of Molecular Sciences, 2021, 22, 9015.	4.1	38
4	Understanding performance of 3D-printed sorbent in study of metabolic stability. Journal of Chromatography A, 2020, 1629, 461501.	3.7	8
5	The influence of phase II enzymes on in vitro half-life of pirydo[1,2-c]pirymidine derivatives as structural analogues of arylpiperazine. Microchemical Journal, 2020, 159, 105550.	4.5	0
6	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. Bioorganic Chemistry, 2020, 98, 103717.	4.1	2
7	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. European Journal of Medicinal Chemistry, 2019, 180, 383-397.	5.5	11
8	Synthesis of novel pyrido[1,2-c]pyrimidine derivatives with rigidized tryptamine moiety as potential SSRI and 5-HT1A receptor ligands. European Journal of Medicinal Chemistry, 2019, 166, 144-158.	5.5	14
9	Molecular Docking Supplements an In vitro Determination of the Leading CYP Isoform for Arylpiperazine Derivatives. Combinatorial Chemistry and High Throughput Screening, 2019, 22, 370-378.	1.1	2
10	Comparison of Chemical Composition in Tuber aestivum <scp>Vittad</scp>. of Different Geographical Origin. Chemistry and Biodiversity, 2016, 13, 1617-1629.	2.1	17
11	Characterization of Disopyramide derivative ADD424042 as a non-cardiotoxic neuronal sodium channel blocker with broad-spectrum anticonvulsant activity in rodent seizure models. European Journal of Pharmaceutical Sciences, 2016, 81, 42-51.	4.0	7
12	Prediction of Overall In Vitro Microsomal Stability of Drug Candidates Based on Molecular Modeling and Support Vector Machines. Case Study of Novel Arylpiperazines Derivatives. PLoS ONE, 2015, 10, e0122772.	2.5	21
13	Recent development of potent analogues of oxazolidinone antibacterial agents. Bioorganic and Medicinal Chemistry, 2013, 21, 577-591.	3.0	99
14	Enhancement of tacrolimus productivity in Streptomyces tsukubaensis by the use of novel precursors for biosynthesis. Enzyme and Microbial Technology, 2012, 51, 388-395.	3.2	40
15	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity: Part 2â˜†. European Journal of Medicinal Chemistry, 2009, 44, 4702-4715.	5.5	15
16	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity, Part 1. European Journal of Medicinal Chemistry, 2009, 44, 1710-1717.	5.5	18
17	Structural studies of pyrido[1,2-c]pyrimidine derivatives by 13C CPMAS NMR, X-ray diffraction and GIAO/DFT calculations. Journal of Molecular Structure, 2008, 892, 325-330.	3.6	2
18	Synthesis of a New Scaffold: the 7H,8H-Pyrimido[1,6-b]pyridazin-6,8-dione Nucleus. Molecules, 2007, 12, 2643-2657.	3.8	1

#	Article	IF	Citations
19	Synthesis ofÂnew hexahydro- andÂoctahydropyrido[1,2-c]pyrimidine derivatives with anÂarylpiperazine moiety asÂligands forÂ5-HT1A andÂ5-HT2A receptors. Part 4. European Journal of Medicinal Chemistry, 2006, 41, 125-134.	5.5	14
20	Synthesis and structure of novel 4â€arylhexahydroâ€1H,3Hâ€pyrido[1,2â€c]pyrimidine derivatives. Journal of Heterocyclic Chemistry, 1999, 36, 389-396.	2.6	18