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List of Publications by Year
in descending order

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38 papers	756 citations	687363 13 h-index	526287 27 g-index
38 all docs	38 docs citations	38 times ranked	1417 citing authors

#	Article	IF	Citations
1	HCV NS5B RdRp mutations and their effects on ligand binding affinity. International Journal of Modelling and Simulation, 2022, 42, 415-425.	3.3	0
2	Ketone Analog of Caffeic Acid Phenethyl Ester Exhibits Antioxidant Activity via Activation of ERK-Dependent Nrf2 Pathway. Applied Sciences (Switzerland), 2022, 12, 3062.	2.5	2
3	Potential Pro-Inflammatory Effect of Vitamin E Analogs through Mitigation of Tetrahydrocannabinol (THC) Binding to the Cannabinoid 2 Receptor. International Journal of Molecular Sciences, 2022, 23, 4291.	4.1	2
4	Allosteric inhibitors of the main protease of SARS-CoV-2. Antiviral Research, 2022, 205, 105381.	4.1	23
5	Targeting SARS-CoV-2 M3CLpro by HCV NS3/4a Inhibitors: In Silico Modeling and In Vitro Screening. Journal of Chemical Information and Modeling, 2021, 61, 1020-1032.	5.4	25
6	Proposed Mechanism for the Antitrypanosomal Activity of Quercetin and Myricetin Isolated from Hypericum afrum Lam.: Phytochemistry, In Vitro Testing and Modeling Studies. Molecules, 2021, 26, 1009.	3.8	11
7	Structureâ€“Activity Relationships of the Antimalarial Agent Artemisinin 10. Synthesis and Antimalarial Activity of Enantiomers of rac-5Î²-Hydroxy-d-Secoartemisinin and Analogs: Implications Regarding the Mechanism of Action. Molecules, 2021, 26, 4163.	3.8	6
8	Discovery of novel class of histone deacetylase inhibitors as potential anticancer agents. Bioorganic and Medicinal Chemistry, 2021, 42, 116251.	3.0	4
9	Discovery of Novel Small-Molecule Inhibitors of SARS-CoV-2 Main Protease as Potential Leads for COVID-19 Treatment. Journal of Chemical Information and Modeling, 2021, 61, 4745-4757.	5.4	12
10	Computationally Assisted Lead Optimization of Novel Potent and Selective MAO-B Inhibitors. Biomedicines, 2021, 9, 1304.	3.2	5
11	Investigation and Analytical Applications of the Reaction of N1-methylnicotinamide and Active Methylene Containing Drugs. Current Pharmaceutical Analysis, 2021, 17, 1331-1338.	0.6	0
12	Discovery and SAR of Novel Disubstituted Quinazolines as Dual PI3Kalpha/mTOR Inhibitors Targeting Breast Cancer. ACS Medicinal Chemistry Letters, 2020, 11, 2156-2164.	2.8	8
13	Stress-Based Production, and Characterization of Glutathione Peroxidase and Glutathione S-Transferase Enzymes From Lactobacillus plantarum. Frontiers in Bioengineering and Biotechnology, 2020, 8, 78.	4.1	17
14	The Resurrection of Phenotypic Drug Discovery. ACS Medicinal Chemistry Letters, 2020, 11, 1820-1828.	2.8	26
15	Bioactivity-Guided Isolation of Potential Antidiabetic and Antihyperlipidemic Compounds from Trigonella stellata. Journal of Natural Products, 2018, 81, 1154-1161.	3.0	12
16	Inhibition of human monoamine oxidase A and B by flavonoids isolated from two Algerian medicinal plants. Phytomedicine, 2018, 40, 27-36.	5.3	58
17	Anti-inflammatory of pyrrolizidine alkaloids from Heliotropium digynum. Medicinal Chemistry Research, 2018, 27, 1066-1073.	2.4	9
18	Bioactive products from singlet oxygen photooxygenation of cannabinoids. European Journal of Medicinal Chemistry, 2018, 143, 983-996.	5.5	7

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19	Microbial Oxidation of the Fusidic Acid Side Chain by Cunninghamella echinulata. Molecules, 2018, 23, 970.	3.8	5
20	Evaluation and understanding the molecular basis of the antimethicillin-resistant Staphylococcus aureus activity of secondary metabolites isolated from Lamium amplexicaule. Pharmacognosy Magazine, 2018, 14, 3.	0.6	6
21	Design, synthesis and SAR of new-di-substituted pyridopyrimidines as ATP-competitive dual PI3KÎ±/mTOR inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3117-3122.	2.2	10
22	A Mitochondrial-targeted purine-based HSP90 antagonist for leukemia therapy. Oncotarget, 2017, 8, 112184-112198.	1.8	17
23	Isolation of Acacetin from Calea urticifolia with Inhibitory Properties against Human Monoamine Oxidase-A and -B. Journal of Natural Products, 2016, 79, 2538-2544.	3.0	32
24	Understanding TRPV1 activation by ligands: Insights from the binding modes of capsaicin and resiniferatoxin. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E137-45.	7.1	127
25	Clotrimazoleâ€“cyclodextrin based approach for the management and treatment of Candidiasis â€“ A formulation and chemistry-based evaluation. Pharmaceutical Development and Technology, 2016, 21, 619-629.	2.4	20
26	New Glycosides and Trypanocidal Metabolites from Vangueria edulis. Natural Product Communications, 2015, 10, 1934578X1501001.	0.5	3
27	Flavonoids from Perovskia atriplicifolia and Their in Vitro Displacement of the Respective Radioligands for Human Opioid and Cannabinoid Receptors. Journal of Natural Products, 2015, 78, 1461-1465.	3.0	21
28	Understanding the Molecular Determinants of Capsaicin Mode of Action. Biophysical Journal, 2015, 108, 57a.	0.5	1
29	Antiurease activity of plants growing in the Czech Republic. Natural Product Research, 2014, 28, 868-873.	1.8	11
30	Asphodosides A-E, anti-MRSA metabolites from Asphodelus microcarpus. Phytochemistry, 2014, 105, 79-84.	2.9	13
31	Isolation and characterization of new secondary metabolites from Asphodelus microcarpus. Medicinal Chemistry Research, 2014, 23, 3510-3515.	2.4	10
32	Drug activity prediction using multiple-instance learning via joint instance and feature selection. BMC Bioinformatics, 2013, 14, S16.	2.6	18
33	Computationally Assisted Assignment of Kahalalide Y Configuration Using an NMR-Constrained Conformational Search. Journal of Natural Products, 2013, 76, 178-185.	3.0	9
34	Molecular mechanisms of the antitumor activity of SB225002: A novel microtubule inhibitor. Biochemical Pharmacology, 2013, 85, 1741-1752.	4.4	23
35	Docking Challenge: Protein Sampling and Molecular Docking Performance. Journal of Chemical Information and Modeling, 2013, 53, 1934-1945.	5.4	194
36	Fluorometric Determination of Drugs Containing Î±-Methylene Sulfoxide Functional Groups Using -Methylnicotinamide Chloride as a Fluorogenic Agent. , 2012, 2012, 1-13.		1

#	Article	IF	Citations
37	Fluorescence Spectrometric Determination of Drugs Containing -Methylene Sulfone/Sulfonamide Functional Groups UsingN¹-Methylnicotinamide Chloride as a Fluorogenic Agent. International Journal of Analytical Chemistry, 2011, 2011, 1-9.	1.0	8
38	Discovery of novel, selective, functionalized 5-(2-(5-arylhexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl)ethyl)-Î³-butyrolactone sigma-2 ligands. Medicinal Chemistry Research, 0, , .	2.4	0