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List of Publications by Year
in descending order

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41 papers	2,607 citations	567144 15 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	4697 citing authors

#	Article	IF	Citations
1	Discovery and resupply of pharmacologically active plant-derived natural products: A review. Biotechnology Advances, 2015, 33, 1582-1614.	6.0	1,871
2	Endogenous metabolites of vitamin E limit inflammation by targeting 5-lipoxygenase. Nature Communications, 2018, 9, 3834.	5.8	101
3	Inhibition of 11Î²-hydroxysteroid dehydrogenase 2 by the fungicides itraconazole and posaconazole. Biochemical Pharmacology, 2017, 130, 93-103.	2.0	48
4	Pharmacophore modeling for COX-1 and -2 inhibitors with LigandScout in comparison to Discovery Studio. Future Medicinal Chemistry, 2014, 6, 1869-1881.	1.1	43
5	Discovery of Potent Soluble Epoxide Hydrolase (sEH) Inhibitors by Pharmacophore-Based Virtual Screening. Journal of Chemical Information and Modeling, 2016, 56, 747-762.	2.5	38
6	Pharmacological profile and efficiency in vivo of diflapolin, the first dual inhibitor of 5-lipoxygenase-activating protein and soluble epoxide hydrolase. Scientific Reports, 2017, 7, 9398.	1.6	36
7	Discovery of the first dual inhibitor of the 5-lipoxygenase-activating protein and soluble epoxide hydrolase using pharmacophore-based virtual screening. Scientific Reports, 2017, 7, 42751.	1.6	33
8	Discovery of New Liver X Receptor Agonists by Pharmacophore Modeling and Shape-Based Virtual Screening. Journal of Chemical Information and Modeling, 2014, 54, 367-371.	2.5	31
9	Parallel in vitro and in silico investigations into anti-inflammatory effects of non-prenylated stilbenoids. Food Chemistry, 2019, 285, 431-440.	4.2	28
10	Semisynthetic and Natural Garcinoic Acid Isoforms as New mPGES-1 Inhibitors. Planta Medica, 2016, 82, 1110-1116.	0.7	27
11	The 5-lipoxygenase inhibitor RF-22c potently suppresses leukotriene biosynthesis in cellulo and blocks bronchoconstriction and inflammation in vivo. Biochemical Pharmacology, 2016, 112, 60-71.	2.0	25
12	Optimization of benzoquinone and hydroquinone derivatives as potent inhibitors of human 5-lipoxygenase. European Journal of Medicinal Chemistry, 2017, 127, 715-726.	2.6	25
13	Ginkgolic Acid is a Multi-Target Inhibitor of Key Enzymes in Pro-Inflammatory Lipid Mediator Biosynthesis. Frontiers in Pharmacology, 2019, 10, 797.	1.6	25
14	Structure-based molecular modeling in SAR analysis and lead optimization. Computational and Structural Biotechnology Journal, 2021, 19, 1431-1444.	1.9	22
15	Prospective performance evaluation of selected common virtual screening tools. Case study: Cyclooxygenase (COX) 1 and 2. European Journal of Medicinal Chemistry, 2015, 96, 445-457.	2.6	17
16	Anti-tyrosinase activity of South African Aloe species and isolated compounds plicataloside and aloesin. FÃ¬toterapÃ¬Ã¢, 2021, 150, 104828.	1.1	17
17	Discovery of a benzenesulfonamide-based dual inhibitor of microsomal prostaglandin E2 synthase-1 and 5-lipoxygenase that favorably modulates lipid mediator biosynthesis in inflammation. European Journal of Medicinal Chemistry, 2018, 156, 815-830.	2.6	15
18	Prenylated Stilbenoids Affect Inflammation by Inhibiting the NF-Î°B/AP-1 Signaling Pathway and Cyclooxygenases and Lipoxygenase. Journal of Natural Products, 2019, 82, 1839-1848.	1.5	15

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19	Dual Inhibitory Action of a Novel AKR1C3 Inhibitor on Both Full-Length AR and the Variant AR-V7 in Enzalutamide Resistant Metastatic Castration Resistant Prostate Cancer. Cancers, 2020, 12, 2092.	1.7	14
20	Synthesis, Inhibitory Activity, and In Silico Modeling of Selective COX-1 Inhibitors with a Quinazoline Core. ACS Medicinal Chemistry Letters, 2021, 12, 610-616.	1.3	14
21	Anti-inflammatory and antiproliferative compounds from Sphaeranthus africanus. Phytomedicine, 2019, 62, 152951.	2.3	13
22	Natural chalcones elicit formation of specialized pro-resolving mediators and related 15-lipoxygenase products in human macrophages. Biochemical Pharmacology, 2022, 195, 114825.	2.0	13
23	Discovery of carbazole derivatives as novel allosteric MEK inhibitors by pharmacophore modeling and virtual screening. European Journal of Medicinal Chemistry, 2019, 178, 802-817.	2.6	12
24	Interaction of Carthamus tinctorius lignan arctigenin with the binding site of tryptophanâ€degrading enzyme indoleamine 2,3â€dioxygenase. FEBS Open Bio, 2013, 3, 450-452.	1.0	11
25	Identification of the fungicide epoxiconazole by virtual screening and biological assessment as inhibitor of human 11Î²-hydroxylase and aldosterone synthase. Journal of Steroid Biochemistry and Molecular Biology, 2019, 192, 105358.	1.2	11
26	Synthesis, inhibitory activity and in silico docking of dual COX/5-LOX inhibitors with quinone and resorcinol core. European Journal of Medicinal Chemistry, 2020, 204, 112620.	2.6	11
27	Finding New Molecular Targets of Familiar Natural Products Using In Silico Target Prediction. International Journal of Molecular Sciences, 2020, 21, 7102.	1.8	10
28	Synthesis of new 4-phenylpyrimidine-2(1 H)-thiones and their potency to inhibit COX-1 and COX-2. European Journal of Medicinal Chemistry, 2015, 101, 552-559.	2.6	9
29	Structure-based design, semi-synthesis and anti-inflammatory activity of tocotrienolic amides as 5-lipoxygenase inhibitors. European Journal of Medicinal Chemistry, 2020, 202, 112518.	2.6	9
30	Synthesis, Biological Evaluation and Structureâ€“Activity Relationships of Diflapolin Analogues as Dual sEH/FLAP Inhibitors. ACS Medicinal Chemistry Letters, 2019, 10, 62-66.	1.3	8
31	From Vietnamese plants to a biflavonoid that relieves inflammation by triggering the lipid mediator class switch to resolution. Acta Pharmaceutica Sinica B, 2021, 11, 1629-1647.	5.7	7
32	Exploration of Long-Chain Vitamin E Metabolites for the Discovery of a Highly Potent, Orally Effective, and Metabolically Stable 5-LOX Inhibitor that Limits Inflammation. Journal of Medicinal Chemistry, 2021, 64, 11496-11526.	2.9	7
33	Magnolol dimer-derived fragments as PPARÎ³-selective probes. Organic and Biomolecular Chemistry, 2018, 16, 7019-7028.	1.5	6
34	N-methylated diazabicyclo[3.2.2]nonane substituted triterpenoic acids are excellent, hyperbolic and selective inhibitors for butyrylcholinesterase. European Journal of Medicinal Chemistry, 2022, 227, 113947.	2.6	6
35	Honokiol and Magnolol: Insights into Their Antidermatophytic Effects. Plants, 2021, 10, 2522.	1.6	6
36	Analogues of Natural Chalcones as Efficient Inhibitors of AKR1C3. Metabolites, 2022, 12, 99.	1.3	5

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37	The influence of the quinone antioxidantstert-butylhydroquinone and 2,5-di-tert-butylhydroquinone on the arachidonic acid metabolismin vitro. Food and Agricultural Immunology, 2015, 26, 504-511.	0.7	4
38	Novel N-aryl nicotinamide derivatives: Taking stock on 3,6-diazabicyclo[3.1.1]heptanes as ligands for neuronal acetylcholine receptors. European Journal of Medicinal Chemistry, 2019, 180, 51-61.	2.6	3
39	Open-Access Activity Prediction Tools for Natural Products. Case Study: hERG Blockers. Progress in the Chemistry of Organic Natural Products, 2019, 110, 177-238.	0.8	3
40	Synthesis, biological evaluation and docking studies of a novel class of sulfur-bridged diazabicyclo[3.3.1]nonanes. Bioorganic Chemistry, 2020, 102, 104072.	2.0	1
41	Biological Effects on Î¼-Receptors Affinity and Selectivity of Arylpropenyl Chain Structural Modification on Diazatricyclodecane Derivatives. Molecules, 2021, 26, 5448.	1.7	1