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List of Publications by Year
in descending order

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35 papers	551 citations	623574 14 h-index	677027 22 g-index
36 all docs	36 docs citations	36 times ranked	671 citing authors

#	Article	IF	Citations
1	Synthesis, characterization, and photophysical properties of some new thieno[2,3â€b]pyridines bearing phenylethenyl moiety. Journal of Heterocyclic Chemistry, 2022, 59, 359-370.	1.4	5
2	Crystal structure and Hirshfeld surface analysis of 5-acetyl-3-amino-6-methyl-N-phenyl-4-[(E)-2-phenylethenyl]thieno[2,3-b]pyridine-2-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 225-230.	0.2	0
3	The inhibitory coreceptor CD22 restores B cell signaling by developmentally regulating Cd45 ^{â^'/â^'} immunodeficient B cells. Science Signaling, 2022, 15, eabf9570.	1.6	6
4	Ionic liquid of ketoprofen-piperine modulates the pharmaceutical and therapeutic characters of ketoprofen. International Journal of Pharmaceutics, 2022, 620, 121724.	2.6	6
5	Synthesis and characterization of some new S-substituted sulfanylpyridines, thieno[2,3-b]pyridines and related heterocycles. Arkivoc, 2021, 2020, 46-57.	0.3	1
6	The Protein Tyrosine Phosphatase SHP-1 (PTPN6) but Not CD45 (PTPRC) Is Essential for the Ligand-Mediated Regulation of CD22 in BCR-Ligated B Cells. Journal of Immunology, 2021, 206, 2544-2551.	0.4	9
7	Conjugation of 4-aminosalicylate with thiazolinones afforded non-cytotoxic potent in vitro and in vivo anti-inflammatory hybrids. Bioorganic Chemistry, 2020, 94, 103378.	2.0	14
8	Click chemistry synthesis, biological evaluation and docking study of some novel 2â€²-hydroxychalcone-triazole hybrids as potent anti-inflammatory agents. Bioorganic Chemistry, 2020, 95, 103505.	2.0	37
9	Design, synthesis and molecular docking study of Î±-triazolylsialosides as non-hydrolyzable and potent CD22 ligands. European Journal of Medicinal Chemistry, 2020, 208, 112707.	2.6	5
10	Design and synthesis of novel 2,3-dihydropyrazino[1,2-a]indole-1,4-dione derivatives as antiproliferative EGFR and BRAFV600E dual inhibitors. Bioorganic Chemistry, 2020, 104, 104260.	2.0	50
11	Induction of DNA damage, apoptosis and cell cycle perturbation mediate cytotoxic activity of new 5-aminosalicylateâ€“4-thiazolinone hybrid derivatives. Biomedicine and Pharmacotherapy, 2020, 131, 110571.	2.5	11
12	Synthesis and characterization of some new pyridines, thieno[2,3â€•b] pyridines and pyrido[3â€²,2â€²:4,5]thieno[3,2â€•d]pyrimidineâ€4(3 H)â€•ones bearing styryl moiety. Journal of Heterocyclic Chemistry, 2020, 57, 2379-2388.	1.4	3
13	Further insight into the dual COX-2 and 15-LOX anti-inflammatory activity of 1,3,4-thiadiazole-thiazolidinone hybrids: The contribution of the substituents at 5th positions is size dependent. Bioorganic Chemistry, 2020, 97, 103657.	2.0	39
14	Inhibition of SHP2 by new compounds induces differential effects on RAS/RAF/ERK and PI3K/AKT pathways in different cancer cell types. Investigational New Drugs, 2019, 37, 252-261.	1.2	27
15	Stereoselective trimethylsilylation of Î±- and Î²-galactopyranoses. Carbohydrate Research, 2019, 474, 51-56.	1.1	1
16	Novel N-substituted 5-aminosalicylamides as dual inhibitors of cyclooxygenase and 5-lipoxygenase enzymes: Synthesis, biological evaluation and docking study. Bioorganic Chemistry, 2018, 78, 80-93.	2.0	18
17	Bis-(5-substituted-2-thiono-1,3,5-thiadiazinan-3-yl) butane as a scaffold of anti-proliferative activity, blended by a multicomponent process. Medicinal Chemistry Research, 2018, 27, 1103-1110.	1.1	10
18	Proximity labeling of cis-ligands of CD22/Siglec-2 reveals stepwise Î±2,6 sialic acid-dependent and -independent interactions. Biochemical and Biophysical Research Communications, 2018, 495, 854-859.	1.0	26

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19	Synthesis, biological evaluation and docking study of 1,3,4-thiadiazole-thiazolidinone hybrids as anti-inflammatory agents with dual inhibition of COX-2 and 15-LOX. Bioorganic Chemistry, 2018, 80, 461-471.	2.0	49
20	CD22-Binding Synthetic Sialosides Regulate B Lymphocyte Proliferation Through CD22 Ligand-Dependent and Independent Pathways, and Enhance Antibody Production in Mice. Frontiers in Immunology, 2018, 9, 820.	2.2	25
21	Synthesis and anti-mycobacterial activity of 4-(4-phenyl-1H-1,2,3-triazol-1-yl)salicylhydrazones: revitalizing an old drug. Archives of Pharmacal Research, 2017, 40, 168-179.	2.7	15
22	5-Aminosalyclic Acid (5-ASA): A Unique Anti-Inflammatory Salicylate. , 2016, 06, .		23
23	Synthesis of B- and C-ring-modified lithocholic acid analogues as potential sialyltransferase inhibitors. Steroids, 2016, 112, 54-61.	0.8	8
24	Nature-inspired design of tetraindoles: Optimization of the core structure and evaluation of structureâ€“activity relationship. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4497-4503.	1.0	0
25	Synthesis of some benzimidazole derivatives endowed with 1,2,3-triazole as potential inhibitors of hepatitis C virus. Acta Pharmaceutica, 2016, 66, 219-231.	0.9	21
26	Design and synthesis of novel 5-aminosalicylate (5-ASA)â€“4-thiazolinone hybrid derivatives with promising antiproliferative activity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1647-1650.	1.0	20
27	Crystal structure of methyl 2-hydroxy-5-[(4-oxo-4,5-dihydro-1,3-thiazol-2-yl)amino]benzoate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o282-o283.	0.2	3
28	Crystal structure of 3-methyl-1-phenyl-6-propylamino-1H-pyrazolo[3,4-b]pyridine-5-carbonitrile. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o766-o767.	0.2	0
29	CD22-Antagonists with nanomolar potency: The synergistic effect of hydrophobic groups at C-2 and C-9 of sialic acid scaffold. Bioorganic and Medicinal Chemistry, 2011, 19, 1966-1971.	1.4	37
30	Design and Synthesis of a Multivalent Heterobifunctional CD22 Ligand as a Potential Immunomodulator. Synthesis, 2011, 2011, 2968-2974.	1.2	4
31	Synthesis of biotinylated sialoside to probe CD22â€“ligand interactions. Tetrahedron Letters, 2009, 50, 4488-4491.	0.7	9
32	Potent small molecule mouse CD22-inhibitors: Exploring the interaction of the residue at C-2 of sialic acid scaffold. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5573-5575.	1.0	19
33	Design, Synthesis, and Structureâ^'Affinity Relationships of Novel Series of Sialosides as CD22-Specific Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 6665-6681.	2.9	31
34	Synthesis and anti-inflammatory testing of some new compounds incorporating 5-aminosalicylic acid (5-ASA) as potential prodrugs. Archives of Pharmacal Research, 2005, 28, 637-647.	2.7	19
35	5-aminosalicylateâ€“4-thiazolinone hybrid derivatives: A potent modulator of DNA damage response and G2/M cell cycle arrest via ATM/ATR pathway and Cyclin-CDK complex. , 0, , .		0