Siavosh Mahboobi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4206570/publications.pdf

Version: 2024-02-01

51 papers	1,477 citations	279701 23 h-index	330025 37 g-index
55 all docs	55 docs citations	55 times ranked	2645 citing authors

#	Article	IF	Citations
1	Drugging the HDAC6â€“HSP90 interplay in malignant cells. Trends in Pharmacological Sciences, 2014, 35, 501-509.	4.0	110
2	Synthetic 2-Aroylindole Derivatives as a New Class of Potent Tubulin-Inhibitory, Antimitotic Agentsâ€–. Journal of Medicinal Chemistry, 2001, 44, 4535-4553.	2.9	103
3	Novel Chimeric Histone Deacetylase Inhibitors: A Series of Lapatinib Hybrides as Potent Inhibitors of Epidermal Growth Factor Receptor (EGFR), Human Epidermal Growth Factor Receptor 2 (HER2), and Histone Deacetylase Activity. Journal of Medicinal Chemistry, 2010, 53, 8546-8555.	2.9	87
4	Design of Chimeric Histone Deacetylase- and Tyrosine Kinase-Inhibitors: A Series of Imatinib Hybrides as Potent Inhibitors of Wild-Type and Mutant BCR-ABL, PDGF-RÎ², and Histone Deacetylases. Journal of Medicinal Chemistry, 2009, 52, 2265-2279.	2.9	83
5	Bis(1H-2-indolyl)methanones as a Novel Class of Inhibitors of the Platelet-Derived Growth Factor Receptor Kinase. Journal of Medicinal Chemistry, 2002, 45, 1002-1018.	2.9	74
6	Concepts to Target MYC in Pancreatic Cancer. Molecular Cancer Therapeutics, 2016, 15, 1792-1798.	1.9	64
7	A Single Amino Acid Exchange Inverts Susceptibility of Related Receptor Tyrosine Kinases for the ATP Site Inhibitor STI-571. Journal of Biological Chemistry, 2003, 278, 5148-5155.	1.6	58
8	2-Aroylindoles and 2-Aroylbenzofurans withN-Hydroxyacrylamide Substructures as a Novel Series of Rationally Designed Histone Deacetylase Inhibitorsâ€. Journal of Medicinal Chemistry, 2007, 50, 4405-4418.	2.9	56
9	Marbostat-100 Defines a New Class of Potent and Selective Antiinflammatory and Antirheumatic Histone Deacetylase 6 Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 3454-3477.	2.9	56
10	2-Arylamino-4-Amino-5-Aroylthiazoles. â€œOne-Potâ€•Synthesis and Biological Evaluation of a New Class of Inhibitors of Tubulin Polymerization. Journal of Medicinal Chemistry, 2009, 52, 5551-5555.	2.9	53
11	Novel Bis(1H-indol-2-yl)methanones as Potent Inhibitors of FLT3 and Platelet-Derived Growth Factor Receptor Tyrosine Kinase. Journal of Medicinal Chemistry, 2006, 49, 3101-3115.	2.9	46
12	3-Bromo-4-(1H-3-indolyl)-2,5-dihydro-1H-2,5-pyrroledione derivatives asÂnew lead compounds forÂantibacterially active substances. European Journal of Medicinal Chemistry, 2006, 41, 176-191.	2.6	41
13	Class I histone deacetylases regulate p53/NF-Îºb crosstalk in cancer cells. Cellular Signalling, 2017, 29, 218-225.	1.7	41
14	Dual role of HDAC10 in lysosomal exocytosis and DNA repair promotes neuroblastoma chemoresistance. Scientific Reports, 2018, 8, 10039.	1.6	36
15	2-aroylindoles, a novel class of potent, orally active small molecule tubulin inhibitors. Cancer Research, 2002, 62, 3113-9.	0.4	36
16	Design and biological evaluation of tetrahydro-Î²-carboline derivatives as highly potent histone deacetylase 6 (HDAC6) inhibitors. European Journal of Medicinal Chemistry, 2018, 152, 329-357.	2.6	34
17	HSP90 is necessary for the ACK1-dependent phosphorylation of STAT1 and STAT3. Cellular Signalling, 2017, 39, 9-17.	1.7	32
18	Homoarcyriaflavin:Â Synthesis of Ring-Expanded Arcyriaflavin Analoguesâ€. Journal of Organic Chemistry, 1999, 64, 8130-8137.	1.7	29

#	Article	IF	Citations
19	Inhibition of FLT3 and PDGFR tyrosine kinase activity by bis(benzo[b]furan-2-yl)methanones. Bioorganic and Medicinal Chemistry, 2007, 15, 2187-2197.	1.4	29
20	[4-(Imidazol-1-yl)thiazol-2-yl]phenylamines. A Novel Class of Highly Potent Colchicine Site Binding Tubulin Inhibitors: Synthesis and Cytotoxic Activity on Selected Human Cancer Cell Lines. Journal of Medicinal Chemistry, 2006, 49, 5769-5776.	2.9	28
21	Chimerically designed HDAC- and tyrosine kinase inhibitors. A series of erlotinib hybrids as dual-selective inhibitors of EGFR, HER2 and histone deacetylases. MedChemComm, 2012, 3, 829.	3.5	28
22	Analysis of the interplay between all-trans retinoic acid and histone deacetylase inhibitors in leukemic cells. Archives of Toxicology, 2017, 91, 2191-2208.	1.9	26
23	Novel inhibitors of epidermal growth factor receptor: (4-(Arylamino)-7H-pyrrolo[2,3-d]pyrimidin-6-yl)(1H-indol-2-yl)methanones and (1H-indol-2-yl)(4-(phenylamino)thieno[2,3-d]pyrimidin-6-yl)methanones. Bioorganic and Medicinal Chemistry, 2012, 20, 125-136.	1.4	25
24	How to Distinguish Between the Activity of HDAC1-3 and HDAC6 with Western Blot. Methods in Molecular Biology, 2017, 1510, 355-364.	0.4	21
25	The tyrosine kinase FRK/RAK participates in cytokine-induced islet cell cytotoxicity. Biochemical Journal, 2004, 382, 261-268.	1.7	18
26	Synergistic killing of FLT3ITD-positive AML cells by combined inhibition of tyrosine-kinase activity and N-glycosylation. Oncotarget, 2017, 8, 26613-26624.	0.8	18
27	Enantioselective Hydrosilylation and Hydrogenation of Alkaloid Precursors. Archiv Der Pharmazie, 1988, 321, 73-76.	2.1	17
28	Synthesis of Naturally Occurring Pyrazine and Imidazole Alkaloids from Botryllus LeachiRID=?a?ID=?a?â€,Dedicated to Prof. G . MÃrkl on the occasion of his 75 th birthday. Monatshefte FÃ¼r Chemie, 2004, 135, 333-342.	0.9	17
29	Antibacterial activity of a novel series of 3-bromo-4-(1H-3-indolyl)-2,5-dihydro-1H-2,5-pyrroledione derivatives â€“ An extended structureâ€“activity relationship study. European Journal of Medicinal Chemistry, 2008, 43, 633-656.	2.6	16
30	Synthesis of Enantiomerically Pure (â˜)-(S)-Brevicolline. Journal of Natural Products, 1999, 62, 577-579.	1.5	15
31	Synthesis and cytotoxic activity of 2-acyl-1H-indole-4,7-diones on human cancer cell lines. European Journal of Medicinal Chemistry, 2005, 40, 85-92.	2.6	15
32	Stent-based release of a selective PDGF-receptor blocker from the bis-indolylmethanon class inhibits restenosis in the rabbit animal model. Vascular Pharmacology, 2010, 52, 55-62.	1.0	15
33	Enantioselective Synthesis of Some Nicotiana Alkaloids. Archiv Der Pharmazie, 1988, 321, 175-177.	2.1	13
34	A novel Cereblon E3 ligase modulator with antitumor activity in gastrointestinal cancer. Bioorganic Chemistry, 2022, 119, 105505.	2.0	13
35	Human platelet lysate as validated replacement for animal serum to assess chemosensitivity. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 277-288.	0.9	12
36	Bis(1Hâ€indolâ€2â€yl)methanones are effective inhibitors of FLT3â€ITD tyrosine kinase and partially overcome resistance to PKC412A in vitro. British Journal of Haematology, 2009, 144, 865-874.	1.2	11

#	Article	IF	Citations
37	Syntheses of (RS)- and (S)-(â^')-Nazlinin and (RS)- and (+)-6-Azacyclodeca[5,4-b]indol-1-amine. Archiv Der Pharmazie, 1995, 328, 371-376.	2.1	10
38	Inhibitors of class I HDACs and of FLT3 combine synergistically against leukemia cells with mutant FLT3. Archives of Toxicology, 2022, 96, 177-193.	1.9	10
39	Identification of a highly efficient dual type I/II FMS-like tyrosine kinase inhibitor that disrupts the growth of leukemic cells. Cell Chemical Biology, 2022, 29, 398-411.e4.	2.5	9
40	Inhibition of PDGFR tyrosine kinase activity by a series of novel N-(3-(4-(pyridin-3-yl)-1H-imidazol-2-ylamino)phenyl)amides â€“ A SAR study on the bioisosterism of pyrimidine and imidazole. European Journal of Medicinal Chemistry, 2008, 43, 1444-1453.	2.6	8
41	A series of novel aryl-methanone derivatives as inhibitors of FMS-like tyrosine kinase 3 (FLT3) in FLT3-ITD-positive acute myeloid leukemia. European Journal of Medicinal Chemistry, 2020, 193, 112232.	2.6	8
42	Synthesis of bis(indolylmaleimide) macrocycles. Journal of Heterocyclic Chemistry, 2000, 37, 307-329.	1.4	7
43	Synthesis of pyrrolo[3â€²,4â€²:2,3]azepino[4,5,6â€cd]indoleâ€8,10â€diones. Journal of Heterocyclic Chemistry, 2000, 37, 1177-1185.	1.4	6
44	Synthesis of the Racemates of the b-Carboline Alkaloid Chrysotricine and its Diastereomer. Monatshefte FÃ¼r Chemie, 2000, 131, 0383-0392.	0.9	6
45	Chimeric tyrosine kinase-HDAC inhibitors as antiproliferative agents. Anti-Cancer Drugs, 2010, 21, 759-765.	0.7	6
46	Generation and Assessment of Fusions Between HDACi and TKi. Methods in Molecular Biology, 2017, 1510, 405-412.	0.4	6
47	Preparation and GC-MS-Identification of N-Methyl-Î”3-pyrroline. Archiv Der Pharmazie, 1988, 321, 423-424.	2.1	5
48	Woodinine and its Stereomers - Absolute Configuration. Archiv Der Pharmazie, 1993, 326, 33-37.	2.1	5
49	Synthesis Of 2'-Amino-3'-Methoxyflavone (Pd 98059). Synthetic Communications, 1999, 29, 1645-1652.	1.1	5
50	Enantioselective synthesis and biological investigation of tetrahydroâ€Îâ€carbolineâ€based HDAC6 inhibitors with improved solubility. Archiv Der Pharmazie, 2019, 352, e1900026.	2.1	4
51	Synthesis and Cytotoxic Activity of 2-Acyl-1H-indole-4,7-diones on Human Cancer Cell Lines.. ChemInform, 2005, 36, no.	0.1	0