Sivapriya Kirubakaran

List of Publications by Year
in descending order

32	506	1039406 9	676716 22
papers	citations	h-index	g-index

35	35	35	1054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring packing features of N-substituted acridone derivatives: Synthesis and X-ray crystallography studies. Journal of Molecular Structure, 2022, 1248, 131448.	1.8	3
2	Mutants of Helicobacter pylori IMPDH: Kinetics and in silico Studies to Determine the Structural and Functional Role of Key Amino Acids. Chemistry - an Asian Journal, 2022, , .	1.7	0
3	Small molecule NSAID derivatives for impairing powerhouse in cancer cells. Bioorganic and Medicinal Chemistry, 2022, 64, 116759.	1.4	2
4	Molecular Docking and Molecular Dynamics Simulation Studies of Quinoline-3-Carboxamide Derivatives with DDR Kinasesâ€“Selectivity Studies towards ATM Kinase. Chemistry, 2021, 3, 511-524.	0.9	2
5	Tetrathiomolybdate and Tetraselenotungstate as Sulfur/Selenium Transfer Reagents: Applications in the Synthesis of New Thio/Seleno Sugars. Chemical Record, 2021, 21, 3076-3086.	2.9	1
6	Characterization of SPK 98, a Torin2 analog, as ATR and mTOR dual kinase inhibitor. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127517.	1.0	4
7	Generation of Phenothiazine with Potent Anti-TLK1 Activity for Prostate Cancer Therapy. IScience, 2020, 23, 101474.	1.9	18
8	Design, synthesis and biological evaluation of new Myo-inositol derivatives as potential RAS inhibitors. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127290.	1.0	1
9	Synthesis and characterization of a new class of phenothiazine molecules with 10H-substituted morpholine & piperidine derivatives: A structural insight. Journal of Molecular Structure, 2020, 1219, 128546.	1.8	4
10	MDC1 depletion promotes cisplatin induced cell death in cervical cancer cells. BMC Research Notes, 2020, 13, 146.	0.6	9
11	Synthesis and Characterization of Quinoline-3-Carboxamide Derivatives as Inhibitors of the ATM Kinase. Current Topics in Medicinal Chemistry, 2020, 20, 2070-2079.	1.0	4
12	The Endeavours in RAS Inhibition - the Past, Present, and Future. Current Topics in Medicinal Chemistry, 2020, 20, 2708-2722.	1.0	3
13	Evolution of PIKK family kinase inhibitors A new age cancer therapeutics. Frontiers in Bioscience - Landmark, 2020, 25, 1510-1537.	3.0	14
14	Identification of selective inhibitors of Helicobacter pylori IMPDH as a targeted therapy for the infection. Scientific Reports, 2019, 9, 190.	1.6	9
15	Inhibitors of inosine 5â€²-monophosphate dehydrogenase as emerging new generation antimicrobial agents. MedChemComm, 2019, 10, 1290-1301.	3.5	20
16	Design, synthesis and biological evaluation of Helicobacter pylori inosine 5â€²-monophosphate dehydrogenase (HpIMPDH) inhibitors. Further optimization of selectivity towards HpIMPDH over human IMPDH2. Bioorganic Chemistry, 2019, 87, 753-764.	2.0	4
17	Novel Pyrazolo[4, 3-c]Quinolin-3-One Derivatives as PDE5A Inhibitors. Current Topics in Medicinal Chemistry, 2019, 19, 305-315.	1.0	1
18	Synthesis and In Vitro Enzymatic Studies of New 3-Aryldiazenyl Indoles as Promising Helicobacter pylori IMPDH Inhibitors. Current Topics in Medicinal Chemistry, 2019, 19, 376-382.	1.0	6

#	Article	IF	Citations
19	Abstract 1264: Design, synthesis and biological evaluation of new phenothiazine derivatives as potential Tousled-like kinase 1 inhibitors in prostate cancer treatment. , 2019, , .		0
20	High yield bacterial expression, purification and characterisation of bioactive Human Tousled-like Kinase 1B involved in cancer. Scientific Reports, 2018, 8, 4796.	1.6	11
21	Evaluation of Maltose Binding Protein-Tagged hATR Kinase Domain Catalytic Activity with p53 Ser-15 Phosphorylation. Biochemistry, 2018, 57, 6592-6603.	1.2	0
22	Design, Synthesis, and Docking Studies of New Torin2 Analogs as Potential ATR/mTOR Kinase Inhibitors. Molecules, 2018, 23, 992.	1.7	9
23	Exploring a solvated dimer of Gefitinib: a quantitative analysis. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 944-950.	0.2	9
24	Abstract 772: High MDC1 expression in cervical cancer cells can affect the chemo- and radiotherapeutic response as its depletion leads to increased cell death. , 2018, , .		0
25	Water-mediated intermolecular interactions in 1,2-O-cyclohexylidene-myo-inositol: a quantitative analysis. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 20-27.	0.2	0
26	Crystal structure and Hirshfeld surface analysis of ethyl 5-phenylisoxazole-3-carboxylate. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 531-534.	0.2	3
27	Effect of co-crystallization on physico-chemical properties of gefitinib. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C725-C725.	0.0	0
28	Abstract 3235: Development of potent and selective inhibitors for ATR: An adjuvant for DNA damage based chemotherapeutics. , 2017, , .		0
29	Characterization of Torin2, an ATP-Competitive Inhibitor of mTOR, ATM, and ATR. Cancer Research, 2013, 73, 2574-2586.	0.4	170
30	Kinome-wide Selectivity Profiling of ATP-competitive Mammalian Target of Rapamycin (mTOR) Inhibitors and Characterization of Their Binding Kinetics. Journal of Biological Chemistry, 2012, 287, 9742-9752.	1.6	89
31	Structureâ€“activity relationship study of selective benzimidazole-based inhibitors of Cryptosporidium parvum IMPDH. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1985-1988.	1.0	47
32	The Structural Basis of Cryptosporidium-Specific IMP Dehydrogenase Inhibitor Selectivity. Journal of the American Chemical Society, 2010, 132, 1230-1231.	6.6	62