

Ray Unwalla

List of Publications by Year in descending order

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9
papers

528
citations

1040056

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1474206

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g-index

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docs citations

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times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a JAK3-Selective Inhibitor: Functional Differentiation of JAK3-Selective Inhibition over pan-JAK or JAK1-Selective Inhibition. <i>ACS Chemical Biology</i> , 2016, 11, 3442-3451.	3.4	127
2	Identification of <i>N</i> -cis-3-[Methyl(7 <i>H</i> -pyrrolo[2,3- <i>d</i>]pyrimidin-4-yl)amino]cyclobutyl}propane-1-sulfonamide (PF-04965842): A Selective JAK1 Clinical Candidate for the Treatment of Autoimmune Diseases. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1130-1152.	6.4	115
3	Design of a Janus Kinase 3 (JAK3) Specific Inhibitor 1-((2 <i>S</i> ,5 <i>R</i>)-5-((7 <i>H</i> -Pyrrolo[2,3- <i>d</i>]pyrimidin-4-yl)amino)-2-methylpiperidin-1-yl)prop-2-en-1-one (PF-06651600) Allowing for the Interrogation of JAK3 Signaling in Humans. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1971-1993.	6.4	111
4	Identification of Cyanamide-Based Janus Kinase 3 (JAK3) Covalent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10665-10699.	6.4	55
5	Millisecond dynamics of BTK reveal kinome-wide conformational plasticity within the apo kinase domain. <i>Scientific Reports</i> , 2017, 7, 15604.	3.3	43
6	Discovery of 3-Cyano- <i>N</i> -(3-(1-isobutyrylpiperidin-4-yl)-1-methyl-4-(trifluoromethyl)-1 <i>H</i> -pyrrolo[2,3- <i>b</i>]pyridin-5-yl)benzamide: A Potent, Selective, and Orally Bioavailable Retinoic Acid Receptor-Related Orphan Receptor C2 Inverse Agonist. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10415-10439.	6.4	26
7	Comprehensive Assessment of Torsional Strain in Crystal Structures of Small Molecules and Protein-Ligand Complexes using ab Initio Calculations. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4195-4208.	5.4	23
8	TorsionNet: A Deep Neural Network to Rapidly Predict Small-Molecule Torsional Energy Profiles with the Accuracy of Quantum Mechanics. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 785-800.	5.4	16
9	Structure-Based Approach To Identify 5-[4-Hydroxyphenyl]pyrrole-2-carbonitrile Derivatives as Potent and Tissue Selective Androgen Receptor Modulators. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6451-6457.	6.4	12