Ken A Brameld

List of Publications by Year
in descending order

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Version: 2024-02-01

21	1,726	430874	713466
papers	citations	18 h-index	21 g-index

23	23	23	2779
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovery of Reversible Covalent Brutonâ€™s Tyrosine Kinase Inhibitors PRN473 and PRN1008 (Rilzabrutinib). Journal of Medicinal Chemistry, 2022, 65, 5300-5316.	6.4	24
2	Preclinical Efficacy and Anti-Inflammatory Mechanisms of Action of the Bruton Tyrosine Kinase Inhibitor Rilzabrutinib for Immune-Mediated Disease. Journal of Immunology, 2021, 206, 1454-1468.	0.8	50
3	The Proteomeâ€Wide Potential for Reversible Covalency at Cysteine. Angewandte Chemie - International Edition, 2019, 58, 11385-11389.	13.8	36
4	The Proteomeâ€Wide Potential for Reversible Covalency at Cysteine. Angewandte Chemie, 2019, 131, 11507-11511.	2.0	7
5	Discovery of the Irreversible Covalent FGFR Inhibitor 8-(3-(4-Acryloylpiperazin-1-yl)propyl)-6-(2,6-dichloro-3,5-dimethoxyphenyl)-2-(methylamino)pyrido[2,3-d]pyrimidin-7(8H)-one (PRN1371) for the Treatment of Solid Tumors. Journal of Medicinal Chemistry, 2017, 60, 6516-6527.	6.4	83
6	A phase 1, multicenter, dose-escalation study of PRN1371, an irreversible covalent FGFR1-4 kinase inhibitor, in patients with advanced solid tumors, followed by expansion cohorts in patients with FGFR genetic alterations.. Journal of Clinical Oncology, 2017, 35, TPS2616-TPS2616.	1.6	1
7	Prolonged and tunable residence time using reversible covalent kinase inhibitors. Nature Chemical Biology, 2015, 11, 525-531.	8.0	324
8	Targeting Interleukin-2-inducible T-cell Kinase (ITK) and Resting Lymphocyte Kinase (RLK) Using a Novel Covalent Inhibitor PRN694. Journal of Biological Chemistry, 2015, 290, 5960-5978.	3.4	36
9	Discovery of N-[4-[6-tert-Butyl-5-methoxy-8-(6-methoxy-2-oxo-1H-pyridin-3-yl)-3-quinolyl]phenyl]methanesulfonamide (RG7109), a Potent Inhibitor of the Hepatitis C Virus NS5B Polymerase. Journal of Medicinal Chemistry, 2014, 57, 1914-1931.	6.4	25
10	Characterization of RO5126946, a NovelÎ±₇Nicotinic Acetylcholine Receptorâ€“Positive Allosteric Modulator. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 455-468.	2.5	21
11	Discovery of a Novel Series of Potent Non-Nucleoside Inhibitors of Hepatitis C Virus NS5B. Journal of Medicinal Chemistry, 2013, 56, 8163-8182.	6.4	29
12	De Novo Fragment Design: A Medicinal Chemistry Approach to Fragment-Based Lead Generation. Journal of Medicinal Chemistry, 2013, 56, 3115-3119.	6.4	30
13	3-Heterocyclyl quinolone inhibitors of the HCV NS5B polymerase. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 300-304.	2.2	18
14	Quinolones as HCV NS5B polymerase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 82-87.	2.2	39
15	The pK_{BHX} Database: Toward a Better Understanding of Hydrogen-Bond Basicity for Medicinal Chemists. Journal of Medicinal Chemistry, 2009, 52, 4073-4086.	6.4	276
16	Small Molecule Conformational Preferences Derived from Crystal Structure Data. A Medicinal Chemistry Focused Analysis. Journal of Chemical Information and Modeling, 2008, 48, 1-24.	5.4	334
17	Conformational analysis of aqueous pullulan oligomers: an effective computational approach. Polymer, 2002, 43, 509-516.	3.8	15
18	Ab Initio Quantum Mechanical Study of the Structures and Energies for the Pseudorotation of 5â€˜-Dehydroxy Analogues of 2â€˜-Deoxyribose and Ribose Sugars. Journal of the American Chemical Society, 1999, 121, 985-993.	13.7	78

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19	Substrate assistance in the mechanism of family 18 chitinases: theoretical studies of potential intermediates and inhibitors 1 1Edited by B. Honig. Journal of Molecular Biology, 1998, 280, 913-923.	4.2	110
20	Substrate Distortion to a Boat Conformation at Subsite â^'1 Is Critical in the Mechanism of Family 18 Chitinases. Journal of the American Chemical Society, 1998, 120, 3571-3580.	13.7	93
21	Distance Dependent Hydrogen Bond Potentials for Nucleic Acid Base Pairs from ab Initio Quantum Mechanical Calculations (LMP2/cc-pVTZ). Journal of Physical Chemistry B, 1997, 101, 4851-4859.	2.6	97