Bradley C Doak

List of Publications by Year
in descending order

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25 papers	1,761 citations	623734 14 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	2195 citing authors

#	Article	IF	Citations
1	Oral Druggable Space beyond the Rule of 5: Insights from Drugs and Clinical Candidates. Chemistry and Biology, 2014, 21, 1115-1142.	6.0	523
2	How Beyond Rule of 5 Drugs and Clinical Candidates Bind to Their Targets. Journal of Medicinal Chemistry, 2016, 59, 2312-2327.	6.4	248
3	Cell permeability beyond the rule of 5. Advanced Drug Delivery Reviews, 2016, 101, 42-61.	13.7	196
4	Structural and conformational determinants of macrocycle cell permeability. Nature Chemical Biology, 2016, 12, 1065-1074.	8.0	152
5	Impact of Dynamically Exposed Polarity on Permeability and Solubility of Chameleonic Drugs Beyond the Rule of 5. Journal of Medicinal Chemistry, 2018, 61, 4189-4202.	6.4	150
6	Drug discovery beyond the rule of 5 - Opportunities and challenges. Expert Opinion on Drug Discovery, 2017, 12, 115-119.	5.0	75
7	The ways and means of fragment-based drug design. , 2016, 167, 28-37.		67
8	Opportunities and guidelines for discovery of orally absorbed drugs in beyond rule of 5 space. Current Opinion in Chemical Biology, 2018, 44, 23-29.	6.1	64
9	Application of Fragmentâ€Based Screening to the Design of Inhibitors of Escherichia coli DsbA. Angewandte Chemie - International Edition, 2015, 54, 2179-2184.	13.8	46
10	Synthesis of Unsymmetrical 1,1â€²-Disubstituted Bis(1,2,3-triazole)s Using Monosilylbutadiynes. Organic Letters, 2011, 13, 537-539.	4.6	43
11	Structure and Function of the Oxidoreductase DsbA1 from Neisseria meningitidis. Journal of Molecular Biology, 2009, 394, 931-943.	4.2	36
12	Drug Syntheses Beyond the Rule of 5. Chemistry - A European Journal, 2020, 26, 49-88.	3.3	36
13	Design and Evaluation of the Performance of an NMR Screening Fragment Library. Australian Journal of Chemistry, 2013, 66, 1465.	0.9	33
14	Determination of ligand binding modes in weak proteinâ€“ligand complexes using sparse NMR data. Journal of Biomolecular NMR, 2016, 66, 195-208.	2.8	19
15	A ligand-induced structural change in fatty acidâ€“binding protein 1 is associated with potentiation of peroxisome proliferatorâ€“activated receptor Î± agonists. Journal of Biological Chemistry, 2019, 294, 3720-3734.	3.4	17
16	Rapid Elaboration of Fragments into Leads by X-ray Crystallographic Screening of Parallel Chemical Libraries (REFiL_X). Journal of Medicinal Chemistry, 2020, 63, 6863-6875.	6.4	16
17	Structural and biochemical insights into the disulfide reductase mechanism of DsbD, an essential enzyme for neisserial pathogens. Journal of Biological Chemistry, 2018, 293, 16559-16571.	3.4	10
18	Design of a Fragment-Screening Library. Methods in Enzymology, 2018, 610, 97-115.	1.0	7

#	Article	IF	Citations
19	NMR fragment screening reveals a novel small molecule binding site near the catalytic surface of the disulfideâ€“dithiol oxidoreductase enzyme DsbA from Burkholderia pseudomallei. Journal of Biomolecular NMR, 2020, 74, 595-611.	2.8	7
20	Cyclophilin Succumbs to a Macrocyclic Chameleon. Journal of Medicinal Chemistry, 2018, 61, 9469-9472.	6.4	3
21	Selective Binding of Small Molecules to Vibrio cholerae DsbA Offers a Starting Point for the Design of Novel Antibacterials. ChemMedChem, 2022, 17, .	3.2	3
22	Methyl probes in proteins for determining ligand binding mode in weak proteinâ€“ligand complexes. Scientific Reports, 2022, 12, .	3.3	3
23	Applications of NMR Spectroscopy in FBDD. , 2018, , 2211-2231.		2
24	Frontispiece: Drug Syntheses Beyond the Rule of 5. Chemistry - A European Journal, 2020, 26, .	3.3	1
25	Applications of NMR Spectroscopy in FBDD. , 2017, , 1-22.		0