

# Joshua Pottel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4528708/publications.pdf>

Version: 2024-02-01

19  
papers

475  
citations

759233

12  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

848  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms. <i>Frontiers in Pharmacology</i> , 2021, 12, 633680.	3.5	64
2	The activities of drug inactive ingredients on biological targets. <i>Science</i> , 2020, 369, 403-413.	12.6	61
3	Development of a Computational Tool to Rival Experts in the Prediction of Sites of Metabolism of Xenobiotics by P450s. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 2471-2483.	5.4	52
4	Medicinal Chemistry Projects Requiring Imaginative Structure-Based Drug Design Methods. <i>Accounts of Chemical Research</i> , 2016, 49, 1646-1657.	15.6	40
5	Docking Ligands into Flexible and Solvated Macromolecules. 6. Development and Application to the Docking of HDACs and other Zinc Metalloenzymes Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 254-265.	5.4	39
6	Bacterial metabolism rescues the inhibition of intestinal drug absorption by food and drug additives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16009-16018.	7.1	39
7	From desktop to benchtop with automated computational workflows for computer-aided design in asymmetric catalysis. <i>Nature Catalysis</i> , 2020, 3, 574-584.	34.4	31
8	Design, synthesis and evaluation of antiestrogen and histone deacetylase inhibitor molecular hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7597-7606.	3.0	28
9	Understanding P450-mediated Bio-transformations into Epoxide and Phenolic Metabolites. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13743-13747.	13.8	17
10	Interactions of Oral Molecular Excipients with Breast Cancer Resistance Protein, BCRP. <i>Molecular Pharmaceutics</i> , 2020, 17, 748-756.	4.6	16
11	Stereo- and Regioselective Synthesis of Polysubstituted Chiral 1,4-Oxazepanes. <i>Journal of Organic Chemistry</i> , 2013, 78, 872-885.	3.2	15
12	Customizable Generation of Synthetically Accessible, Local Chemical Subspaces. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 454-467.	5.4	13
13	Highly Regioselective Monoacylation of Unprotected Glucopyranoside Using Transient Directing-Protecting Groups. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 646-656.	2.4	12
14	A Molecular Basis for Innovation in Drug Excipients. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 101, 320-323.	4.7	12
15	Metabolic Instability of Cyanothiazolidine-Based Prolyl Oligopeptidase Inhibitors: a Structural Assignment Challenge and Potential Medicinal Chemistry Implications. <i>ChemMedChem</i> , 2015, 10, 1174-1183.	3.2	9
16	Elucidating Hyperconjugation from Electronegativity to Predict Drug Conformational Energy in a High Throughput Manner. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 788-801.	5.4	9
17	Single-Point Mutation with a Rotamer Library Toolkit: Toward Protein Engineering. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 2657-2671.	5.4	6
18	The Recognition of Unrelated Ligands by Identical Proteins. <i>ACS Chemical Biology</i> , 2018, 13, 2522-2533.	3.4	6

#	ARTICLE	IF	CITATIONS
19	Docking Ligands into Flexible and Solvated Macromolecules. 8. Forming New Bondsâ”€Challenges and Opportunities. Journal of Chemical Information and Modeling, 2022, 62, 1061-1077.	5.4	6