

# Patrick S Lee

## List of Publications by Year in descending order

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14  
papers

1,272  
citations

759233

12  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Standard Set of Pericyclic Reactions of Hydrocarbons for the Benchmarking of Computational Methods: The Performance of <i>ab Initio</i> , Density Functional, CASSCF, CASPT2, and CBS-QB3 Methods for the Prediction of Activation Barriers, Reaction Energetics, and Transition State Geometries. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11445-11459.	2.5	342
2	Polyacene and Cyclacene Geometries and Electronic Structures: Bond Equalization, Vanishing Band Gaps, and Triplet Ground States Contrast with Polyacetylene. <i>Journal of Organic Chemistry</i> , 2001, 66, 5517-5521.	3.2	306
3	Covalent Ligand Screening Uncovers a RNF4 E3 Ligase Recruiter for Targeted Protein Degradation Applications. <i>ACS Chemical Biology</i> , 2019, 14, 2430-2440.	3.4	213
4	SGX523 is an exquisitely selective, ATP-competitive inhibitor of the MET receptor tyrosine kinase with antitumor activity <i>in vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3181-3190.	4.1	123
5	Origins of Inward Torquoselectivity by Silyl Groups and Other $\pi$ -Acceptors in Electrocyclic Reactions of Cyclobutenes. <i>Journal of the American Chemical Society</i> , 2003, 125, 5072-5079.	13.7	78
6	The Origin of <i>endo</i> Stereoselectivity in the Hetero-Diels-Alder Reactions of Aldehydes with <i>ortho</i> -Xylylenes: CH $\pi$ - $\pi$ , $\pi$ - $\pi$ , and Steric Effects on Stereoselectivity. <i>Chemistry - A European Journal</i> , 2002, 8, 3423.	3.3	50
7	Altering the Allowed/Forbidden Gap in Cyclobutene Electrocyclic Reactions: Experimental and Theoretical Evaluations of the Effect of Planarity Constraints. <i>Journal of the American Chemical Society</i> , 2003, 125, 5839-5848.	13.7	48
8	Tetrahydropyrrolo-diazepenones as inhibitors of ERK2 kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3788-3792.	2.2	25
9	Two Distinct Mechanisms of Inhibition of LpxA Acyltransferase Essential for Lipopolysaccharide Biosynthesis. <i>Journal of the American Chemical Society</i> , 2020, 142, 4445-4455.	13.7	24
10	Application of Virtual Screening to the Identification of New LpxC Inhibitor Chemotypes, Oxazolidinone and Isoxazoline. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9360-9370.	6.4	21
11	Energetic Preferences for $\hat{1}, \hat{1}^2$ versus $\hat{1}^2, \hat{1}^3$ Unsaturation. <i>Journal of Organic Chemistry</i> , 2004, 69, 5448-5453.	3.2	15
12	Ligand efficient tetrahydro-pyrazolopyridines as inhibitors of ERK2 kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3626-3629.	2.2	14
13	Promiscuity and the Conformational Rearrangement of Drug-Like Molecules: Insight from the Protein Data Bank. <i>ChemMedChem</i> , 2015, 10, 238-244.	3.2	9
14	Mutations Reducing <i>In Vitro</i> Susceptibility to Novel LpxC Inhibitors in <i>Pseudomonas aeruginosa</i> and Interplay of Efflux and Nonefflux Mechanisms. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	3.2	4