

# Trevor J Seguin

## List of Publications by Year in descending order

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13  
papers

773  
citations

933447

10  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noncovalent Interactions in Organocatalysis and the Prospect of Computational Catalyst Design. <i>Accounts of Chemical Research</i> , 2016, 49, 1061-1069.	15.6	306
2	Enhanced Stability of the Carba-closo-dodecaborate Anion for High-Voltage Battery Electrolytes through Rational Design. <i>Journal of the American Chemical Society</i> , 2018, 140, 11076-11084.	13.7	80
3	Enantioselectivity in Catalytic Asymmetric Fischer Indolizations Hinges on the Competition of $\pi$ -Stacking and CH/ $\pi$ Interactions. <i>Organic Letters</i> , 2015, 17, 3066-3069.	4.6	72
4	Widening Electrochemical Window of Mg Salt by Weakly Coordinating Perfluoroalkoxyaluminate Anion for Mg Battery Electrolyte. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1510-A1519.	2.9	60
5	Electrostatic Basis for Enantioselective Brønsted-Acid-Catalyzed Asymmetric Ring Openings of <i>meso</i> -Epoxides. <i>ACS Catalysis</i> , 2016, 6, 2681-2688.	11.2	56
6	Stacking and Electrostatic Interactions Drive the Stereoselectivity of Silylium Ion Asymmetric Counteranion-Directed Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15889-15893.	13.8	55
7	Competing Noncovalent Interactions Control the Stereoselectivity of Chiral Phosphoric Acid Catalyzed Ring Openings of 3-Substituted Oxetanes. <i>ACS Catalysis</i> , 2016, 6, 7222-7228.	11.2	41
8	Elucidating Non-aqueous Solvent Stability and Associated Decomposition Mechanisms for Mg Energy Storage Applications From First-Principles. <i>Frontiers in Chemistry</i> , 2019, 7, 175.	3.6	36
9	Biomimetic Total Syntheses of ( $\beta$ )-Leucoridines A and C through the Dimerization of ( $\beta$ )-Dihydrovalparicine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12632-12635.	13.8	17
10	Modulating Stereoselectivity through Electrostatic Interactions in a SPINOL-Phosphoric Acid-Catalyzed Synthesis of 2,3-Dihydroquinazolinones. <i>ACS Catalysis</i> , 2020, 10, 12292-12299.	11.2	17
11	Probing calcium solvation by XAS, MD and DFT calculations. <i>RSC Advances</i> , 2020, 10, 27315-27321.	3.6	12
12	Stacking and Electrostatic Interactions Drive the Stereoselectivity of Silylium Ion Asymmetric Counteranion-Directed Catalysis. <i>Angewandte Chemie</i> , 2016, 128, 16121-16125.	2.0	11
13	Photoelectron spectroscopy of several lanthanide $\beta^2$ -diketonates. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 193, 100-101.	1.7	10