

Trevor J Seguin

List of Publications by Year in descending order

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papers

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933447

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16
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docs citations

16
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing calcium solvation by XAS, MD and DFT calculations. RSC Advances, 2020, 10, 27315-27321.	3.6	12
2	Modulating Stereoselectivity through Electrostatic Interactions in a SPINOL-Phosphoric Acid-Catalyzed Synthesis of 2,3-Dihydroquinazolinones. ACS Catalysis, 2020, 10, 12292-12299.	11.2	17
3	Widening Electrochemical Window of Mg Salt by Weakly Coordinating Perfluoroalkoxyaluminate Anion for Mg Battery Electrolyte. Journal of the Electrochemical Society, 2019, 166, A1510-A1519.	2.9	60
4	Elucidating Non-aqueous Solvent Stability and Associated Decomposition Mechanisms for Mg Energy Storage Applications From First-Principles. Frontiers in Chemistry, 2019, 7, 175.	3.6	36
5	Enhanced Stability of the Carba-closo-dodecaborate Anion for High-Voltage Battery Electrolytes through Rational Design. Journal of the American Chemical Society, 2018, 140, 11076-11084.	13.7	80
6	Stacking and Electrostatic Interactions Drive the Stereoselectivity of Silylium-Cation Asymmetric Counteranion-Directed Catalysis. Angewandte Chemie, 2016, 128, 16121-16125.	2.0	11
7	Noncovalent Interactions in Organocatalysis and the Prospect of Computational Catalyst Design. Accounts of Chemical Research, 2016, 49, 1061-1069.	15.6	306
8	Competing Noncovalent Interactions Control the Stereoselectivity of Chiral Phosphoric Acid Catalyzed Ring Openings of 3-Substituted Oxetanes. ACS Catalysis, 2016, 6, 7222-7228.	11.2	41
9	Stacking and Electrostatic Interactions Drive the Stereoselectivity of Silylium-Cation Asymmetric Counteranion-Directed Catalysis. Angewandte Chemie - International Edition, 2016, 55, 15889-15893.	13.8	55
10	Electrostatic Basis for Enantioselective Brønsted-Acid-Catalyzed Asymmetric Ring Openings of <i>meso</i> -Epoxides. ACS Catalysis, 2016, 6, 2681-2688.	11.2	56
11	Biomimetic Total Syntheses of (âˆ“)â€œLeucoridinesâ€œ...A and C through the Dimerization of (âˆ“)â€œDihydrovalparicine. Angewandte Chemie - International Edition, 2015, 54, 12632-12635.	13.8	17
12	Enantioselectivity in Catalytic Asymmetric Fischer Indolizations Hinges on the Competition of Î€-Stacking and CH/Î€ Interactions. Organic Letters, 2015, 17, 3066-3069.	4.6	72
13	Photoelectron spectroscopy of several lanthanide Î²-diketonates. Journal of Electron Spectroscopy and Related Phenomena, 2014, 193, 100-101.	1.7	10