

Andrew J Martinolich

List of Publications by Year in descending order

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759233

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Reaction-by-Design: Achieving Kinetic Control of Solid State Chemistry with Metathesis. <i>Chemistry of Materials</i> , 2017, 29, 479-489.	6.7	78
2	Multielectron, Cation and Anion Redox in Lithium-Rich Iron Sulfide Cathodes. <i>Journal of the American Chemical Society</i> , 2020, 142, 6737-6749.	13.7	46
3	Circumventing Diffusion in Kinetically Controlled Solid-State Metathesis Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 11031-11037.	13.7	42
4	Polymorph Selectivity of Superconducting CuSe_2 Through Kinetic Control of Solid-State Metathesis. <i>Journal of the American Chemical Society</i> , 2015, 137, 3827-3833.	13.7	38
5	Solid-State Divalent Ion Conduction in ZnPS_3 . <i>Chemistry of Materials</i> , 2019, 31, 3652-3661.	6.7	37
6	Pyrite Formation via Kinetic Intermediates through Low-Temperature Solid-State Metathesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 15654-15659.	13.7	32
7	Structural Characteristics and Eutaxy in the Photo-Deposited Amorphous Iron Oxide Oxygen Evolution Catalyst. <i>Chemistry of Materials</i> , 2015, 27, 3462-3470.	6.7	28
8	Structural and Functional Effects of Cu Metalloprotein-Driven Silver Nanoparticle Dissolution. <i>Environmental Science & Technology</i> , 2012, 46, 6355-6362.	10.0	24
9	Dense garnet-type electrolyte with coarse grains for improved air stability and ionic conductivity. <i>Journal of Energy Storage</i> , 2020, 27, 101128.	8.1	21
10	Controlling Covalency and Anion Redox Potentials through Anion Substitution in Li-Rich Chalcogenides. <i>Chemistry of Materials</i> , 2021, 33, 378-391.	6.7	20
11	A Super-Oxidized Radical Cationic Icosahedral Boron Cluster. <i>Journal of the American Chemical Society</i> , 2020, 142, 12948-12953.	13.7	16
12	Lewis Base Mediated Polymorph Selectivity of Pyrite CuSe_2 through Atom Transfer in Solid-State Metathesis. <i>Chemistry of Materials</i> , 2016, 28, 1854-1860.	6.7	15
13	Catalytic behavior of hexaphenyldisiloxane in the synthesis of pyrite FeS_2 . <i>Chemical Communications</i> , 2020, 56, 9186-9189.	4.1	2
14	Low-temperature synthesis of superconducting iron selenide using a triphenylphosphine flux. <i>Dalton Transactions</i> , 2019, 48, 16298-16303.	3.3	1
15	From solid electrolyte to zinc cathode: vanadium substitution in ZnPS_3 . <i>JPhys Materials</i> , 2021, 4, 024005.	4.2	1