

# Andrew J Martinolich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6160224/publications.pdf>

Version: 2024-02-01

15  
papers

401  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

801  
citing authors

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