

Alexander Santiago

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

253
citations

9
h-index

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g-index

19
ext. papers

393
ext. citations

10.1
avg, IF

3.23
L-index

#	Paper	IF	Citations
15	Quasi-solid-state electrolytes for lithium sulfur batteries: Advances and perspectives. <i>Journal of Power Sources</i> , 2019 , 438, 226985	8.9	48
14	Fluorine-Free Noble Salt Anion for High-Performance All-Solid-State Lithium Sulfur Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1900763	21.8	45
13	Unprecedented Improvement of Single Li-Ion Conductive Solid Polymer Electrolyte Through Salt Additive. <i>Advanced Functional Materials</i> , 2020 , 30, 2000455	15.6	32
12	Microphase separation and hydrophobicity of urethane/siloxane copolymers with low siloxane content. <i>Progress in Organic Coatings</i> , 2014 , 77, 798-802	4.8	18
11	Nanofiber-reinforced polymer electrolytes toward room temperature solid-state lithium batteries. <i>Journal of Power Sources</i> , 2020 , 448, 227424	8.9	18
10	Trifluoromethyl-free anion for highly stable lithium metal polymer batteries. <i>Energy Storage Materials</i> , 2020 , 32, 225-233	19.4	17
9	Resistance to protein sorption as a model of antifouling performance of Poly(siloxane-urethane) coatings exhibiting phase separated morphologies. <i>Progress in Organic Coatings</i> , 2016 , 99, 110-116	4.8	13
8	Preparation of superhydrophobic silica nanoparticles by microwave assisted sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 61, 8-13	2.3	11
7	Improvement of Lithium Metal Polymer Batteries through a Small Dose of Fluorinated Salt. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 6133-6138	6.4	9
6	Stable non-corrosive sulfonimide salt for 4-V-class lithium metal batteries.. <i>Nature Materials</i> , 2022 ,	27	9
5	Safe, Flexible, and High-Performing Gel-Polymer Electrolyte for Rechargeable Lithium Metal Batteries. <i>Chemistry of Materials</i> , 2021 , 33, 8812-8821	9.6	7
4	Alumina Nanofilms As Active Barriers for Polysulfides in High-Performance All-Solid-State Lithium Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2021 , 4, 2463-2470	6.1	7
3	Salt Additives for Improving Cyclability of Polymer-Based All-Solid-State Lithium Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2021 , 4, 4459-4464	6.1	6
2	Weakly Coordinating Fluorine-Free Polysalt for Single Lithium-Ion Conductive Solid Polymer Electrolytes. <i>Batteries and Supercaps</i> , 2020 , 3, 738-746	5.6	5
1	Solid Polymer Electrolytes Comprising Camphor-Derived Chiral Salts for Solid-State Batteries. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 120541	3.9	