

# Alexander Santiago

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7787603/alexander-santiago-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

15  
g-index

19  
ext. papers

393  
ext. citations

10.1  
avg, IF

3.23  
L-index

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