

# Gayatri Sahu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10859221/publications.pdf>

Version: 2024-02-01

11  
papers

1,209  
citations

933447

10  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1702  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Air-stable Na <sub>3</sub> SbS <sub>4</sub> Superionic Conductor Prepared by a Rapid and Economic Synthetic Procedure. <i>Angewandte Chemie</i> , 2016, 128, 8693-8697.	2.0	44
2	An Air-stable Na <sub>3</sub> SbS <sub>4</sub> Superionic Conductor Prepared by a Rapid and Economic Synthetic Procedure. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8551-8555.	13.8	183
3	An Iodide-Based Li <sub>7</sub> P <sub>2</sub> S <sub>8</sub> I Superionic Conductor. <i>Journal of the American Chemical Society</i> , 2015, 137, 1384-1387.	13.7	298
4	Air-stable, high-conduction solid electrolytes of arsenic-substituted Li <sub>4</sub> SnS <sub>4</sub> . <i>Energy and Environmental Science</i> , 2014, 7, 1053-1058.	30.8	326
5	Structural Evolution and Li Dynamics in Nanophase Li <sub>3</sub> PS <sub>4</sub> by Solid-State and Pulsed-Field Gradient NMR. <i>Chemistry of Materials</i> , 2014, 26, 3558-3564.	6.7	60
6	A high conductivity oxide-sulfide composite lithium superionic conductor. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4111-4116.	10.3	77
7	Pushing the Theoretical Limit of Li-CF <sub>x</sub> Batteries: A Tale of Bifunctional Electrolyte. <i>Journal of the American Chemical Society</i> , 2014, 136, 6874-6877.	13.7	70
8	A high-conduction Ge substituted Li <sub>3</sub> AsS <sub>4</sub> solid electrolyte with exceptional low activation energy. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10396-10403.	10.3	67
9	Improved performance of three-dimensional Ni-TiO <sub>2</sub> core-shell nanowire photoanodes in dye-sensitized solar cells. <i>MRS Communications</i> , 2013, 3, 199-205.	1.8	1
10	Core-shell Au-TiO <sub>2</sub> nanoarchitectures formed by pulsed laser deposition for enhanced efficiency in dye sensitized solar cells. <i>RSC Advances</i> , 2012, 2, 3791.	3.6	39
11	Synthesis and application of core-shell Au-TiO <sub>2</sub> nanowire photoanode materials for dye sensitized solar cells. <i>RSC Advances</i> , 2012, 2, 573-582.	3.6	44