

Gayatri Sahu

List of Publications by Year in descending order

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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	Air-stable, high-conduction solid electrolytes of arsenic-substituted Li_4SnS_4 . Energy and Environmental Science, 2014, 7, 1053-1058.	30.8	326
2	An Iodide-Based $\text{Li}_7\text{P}_2\text{S}_8$ Superionic Conductor. Journal of the American Chemical Society, 2015, 137, 1384-1387.	13.7	298
3	An Air-Stable Na_3SbS_4 Superionic Conductor Prepared by a Rapid and Economic Synthetic Procedure. Angewandte Chemie - International Edition, 2016, 55, 8551-8555.	13.8	183
4	A high conductivity oxide-sulfide composite lithium superionic conductor. Journal of Materials Chemistry A, 2014, 2, 4111-4116.	10.3	77
5	Pushing the Theoretical Limit of LiCF_x Batteries: A Tale of Bifunctional Electrolyte. Journal of the American Chemical Society, 2014, 136, 6874-6877.	13.7	70
6	A high-conduction Ge substituted Li_3AsS_4 solid electrolyte with exceptional low activation energy. Journal of Materials Chemistry A, 2014, 2, 10396-10403.	10.3	67
7	Structural Evolution and Li Dynamics in Nanophase Li_3PS_4 by Solid-State and Pulsed-Field Gradient NMR. Chemistry of Materials, 2014, 26, 3558-3564.	6.7	60
8	Synthesis and application of core-shell Au@TiO_2 nanowire photoanode materials for dye sensitized solar cells. RSC Advances, 2012, 2, 573-582.	3.6	44
9	An Air-Stable Na_3SbS_4 Superionic Conductor Prepared by a Rapid and Economic Synthetic Procedure. Angewandte Chemie, 2016, 128, 8693-8697.	2.0	44
10	Core-shell Au@TiO_2 nanoarchitectures formed by pulsed laser deposition for enhanced efficiency in dye sensitized solar cells. RSC Advances, 2012, 2, 3791.	3.6	39
11	Improved performance of three-dimensional Ni@TiO_2 core-shell nanowire photoanodes in dye-sensitized solar cells. MRS Communications, 2013, 3, 199-205.	1.8	1