

Rekha R Schnepf

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

200
citations

1163117

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h-index

1281871

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14
all docs

14
docs citations

14
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing Site Disorder in the Development of New Energy-Relevant Semiconductors. ACS Energy Letters, 2020, 5, 2027-2041.	17.4	46
2	Combinatorial Synthesis of Magnesium Tin Nitride Semiconductors. Journal of the American Chemical Society, 2020, 142, 8421-8430.	13.7	42
3	Combinatorial investigation of structural and optical properties of cation-disordered ZnGeN ₂ . Journal of Materials Chemistry C, 2020, 8, 8736-8746.	5.5	28
4	Growth of amorphous and epitaxial ZnSiP ₂ â€“Si alloys on Si. Journal of Materials Chemistry C, 2018, 6, 2696-2703.	5.5	18
5	Using resonant energy X-ray diffraction to extract chemical order parameters in ternary semiconductors. Journal of Materials Chemistry C, 2020, 8, 4350-4356.	5.5	13
6	Prediction and realisation of high mobility and degenerate p-type conductivity in CaCuP thin films. Chemical Science, 2022, 13, 5872-5883.	7.4	12
7	Surface Damage Introduced by Diamond Wire Sawing of Si Wafers: Measuring in-depth and the Lateral Distributions for Different Cutting Parameters. Materials Research Society Symposia Proceedings, 2015, 1770, 61-66.	0.1	8
8	Reactive phosphine combinatorial co-sputtering of cation disordered ZnGeP ₂ films. Journal of Materials Chemistry C, 2022, 10, 870-879.	5.5	8
9	Boron Phosphide Films by Reactive Sputtering: Searching for a p-type Transparent Conductor. Advanced Materials Interfaces, 2022, 9, .	3.7	8
10	Short-Range Order Tunes Optical Properties in Long-Range Disordered ZnSnN ₂ â€“ZnO Alloy. Chemistry of Materials, 2022, 34, 3910-3919.	6.7	6
11	Analyses of diamond wire sawn wafers: Effect of various cutting parameters. , 2015, , .		5
12	Disorder-tunable ZnGeP ₂ for epitaxial top cells on Si. , 2019, , .		5
13	Simulation and characterization of cation disorder in ZnGeP ₂ . Journal of Materials Research, 2022, 37, 1986-1996.	2.6	1