

Arunkumar Chitteth Rajan

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

508
citations

1163117

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h-index

1588992

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8
all docs

8
docs citations

8
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine-Learning-Assisted Accurate Band Gap Predictions of Functionalized MXene. Chemistry of Materials, 2018, 30, 4031-4038.	6.7	235
2	Two Dimensional Molecular Electronics Spectroscopy for Molecular Fingerprinting, DNA Sequencing, and Cancerous DNA Recognition. ACS Nano, 2014, 8, 1827-1833.	14.6	65
3	Aromatic Excimers: <i>Ab Initio</i> and TD-DFT Study. Journal of Chemical Theory and Computation, 2013, 9, 847-856.	5.3	57
4	Accelerated Data-Driven Accurate Positioning of the Band Edges of MXenes. Journal of Physical Chemistry Letters, 2019, 10, 780-785.	4.6	43
5	Polymer informatics with multi-task learning. Patterns, 2021, 2, 100238.	5.9	43
6	In Search of a Two-Dimensional Material for DNA Sequencing. Journal of Physical Chemistry C, 2014, 118, 10855-10858.	3.1	36
7	Molecular sensing using armchair graphene nanoribbon. Journal of Computational Chemistry, 2014, 35, 1916-1920.	3.3	18
8	An Informatics Approach for Designing Conducting Polymers. ACS Applied Materials & Interfaces, 2021, 13, 53314-53322.	8.0	11