

Manas Sajjan

List of Publications by Year in descending order

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papers

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citations

1478505

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1474206

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all docs

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docs citations

9
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of a Material Assembly of Silver Nanoparticles Using the Phase Gradients of Optical Tweezers. <i>Physical Review Letters</i> , 2015, 114, 143901.	7.8	76
2	Quantum Machine-Learning for Eigenstate Filtration in Two-Dimensional Materials. <i>Journal of the American Chemical Society</i> , 2021, 143, 18426-18445.	13.7	22
3	Implementation of Quantum Machine Learning for Electronic Structure Calculations of Periodic Systems on Quantum Computing Devices. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 2667-2674.	5.4	17
4	Current-constrained density-matrix theory to calculate molecular conductivity with increased accuracy. <i>Communications Chemistry</i> , 2018, 1, .	4.5	15
5	Nanoconfinement of Water Layers in Lamellar Structures Prepared in the Presence and Absence of Organic Solvent. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2106-2112.	2.6	9
6	Anisotropic dynamics of guest molecules in aerosol OT lamellar structures. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19724.	2.8	6
7	Variational Quantum Circuits to Prepare Low Energy Symmetry States. <i>Symmetry</i> , 2022, 14, 457.	2.2	5
8	Statistical Correlation Between Quantum Entanglement and Spin-Orbit Coupling in Crossed Beam Molecular Dynamics. <i>Advanced Quantum Technologies</i> , 2021, 4, 2100098.	3.9	3
9	Conductance Switching in an Organometallic Single-Electron Transistor Using Current-Constrained Reduced-Density Matrix Theory. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5448-5455.	2.5	2