

Andrey Rybakov

List of Publications by Year in descending order

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6
papers

52
citations

1937685

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1872680

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g-index

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all docs

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docs citations

6
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward multifunctional molecular cells for quantum cellular automata: exploitation of interconnected charge and spin degrees of freedom. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14511-14528.	2.8	1
2	Exploration of the double exchange in quantum cellular automata: proposal for a new class of cells. <i>Chemical Communications</i> , 2020, 56, 10682-10685.	4.1	8
3	Mixed-Valence Magnetic Molecular Cell for Quantum Cellular Automata: Prospects of Designing Multifunctional Devices through Exploration of Double Exchange. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25602-25614.	3.1	9
4	Semiclassical <i>versus</i> quantum-mechanical vibronic approach in the analysis of the functional characteristics of molecular quantum cellular automata. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16751-16761.	2.8	15
5	Double-Dimeric Versus Tetrameric Cells for Quantum Cellular Automata: a Semiempirical Approach to Evaluation of Cell's Cell Responses Combined with Quantum-Chemical Modeling of Molecular Structures. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22614-22623.	3.1	17
6	Quantum cellular automata: theoretical study of bistable cells for molecular computing. <i>Magnetic Resonance in Solids</i> , 2019, 21, .	0.2	2