

Andrey Rybakov

List of Publications by Year in descending order

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papers

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1936888

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docs citations

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21
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-Dimeric Versus Tetrameric Cells for Quantum Cellular Automata: a Semiempirical Approach to Evaluation of Cell-Cell Responses Combined with Quantum-Chemical Modeling of Molecular Structures. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22614-22623.	1.5	17
2	Semiclassical versus 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.	1.3	15
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.	1.5	9
4	Exploration of the double exchange in quantum cellular automata: proposal for a new class of cells. <i>Chemical Communications</i> , 2020, 56, 10682-10685.	2.2	8
5	Quantum cellular automata: theoretical study of bistable cells for molecular computing. <i>Magnetic Resonance in Solids</i> , 2019, 21, .	0.2	2
6	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.	1.3	1