

2019 - 7

1. Palii, Andrei. Tukerblat, Boris S.. Clochișner, Sofia. Aldoshin, Serghei. Korchagin, Denis. Clemente-Juan, Juan. Electric Field Control of Spin States in Trigonal Two-Electron Quantum Dot Arrays and Mixed-Valence Molecules: I. Electronic Problem. *Journal of Physical Chemistry C*. 2019, nr. , 2451-2459. ISSN 1932-7447, ISSNe 1932-7455.
2. Palii, Andrei. Tukerblat, Boris S.. Clochișner, Sofia. Aldoshin, Serghei. Korchagin, Denis. Clemente-Juan, Juan. Electric Field Control of Spin States in Trigonal Two-Electron Quantum Dot Arrays and Mixed-Valence Molecules: II. Vibronic Problem. *Journal of Physical Chemistry C*. 2019, nr. , 2460-2473. ISSN 1932-7447, ISSNe 1932-7455.
3. Palii, Andrei. Tukerblat, Boris S.. Electric field control of superexchange in multiple linear two-electron quantum dot arrays and mixed-valence molecules. *Journal of Applied Physics*. 2019, nr. , 0-0. ISSN 0021-8979, ISSNe 1089-7550.
4. Palii, Andrei. Tukerblat, Boris S.. Pair-delocalization in trigonal mixed-valence clusters: New insight into the vibronic origin of broken-symmetry ground states. *Physical Chemistry Chemical Physics*. 2019, nr. , 11122-11131. ISSN 1463-9076, ISSNe 1463-9084.
5. Palii, Andrei. Zilberg, Shmuel. Rybakov, Andrey. Tukerblat, Boris S.. 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. *Journal of Physical Chemistry C*. 2019, nr. , 22614-22623. ISSN 1932-7447, ISSNe 1932-7455.
6. Palii, Andrei. Rybakov, Andrey. Aldoshin, Serghei. Tukerblat, Boris S.. Semiclassical: Versus quantum-mechanical vibronic approach in the analysis of the functional characteristics of molecular quantum cellular automata. *Physical Chemistry Chemical Physics*. 2019, nr. , 16751-16761. ISSN 1463-9076, ISSNe 1463-9084.
7. Tukerblat, Boris S.. Palii, Andrei. Rybakov, Andrey. Quantum cellular automata: Theoretical study of bistable cells for molecular computing. *Magnetic Resonance in Solids*. 2019, nr. Sp.i.4(21), 1-7. ISSN 2072-5981.

Institutul de Dezvoltare a Societății Informaționale.

Actualizat: 21.06.2024, accesat: 21.06.2024

Disponibil: <https://ibn.idsii.md>

