

Branislav MilovanoviÄ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1008394/publications.pdf>

Version: 2024-02-01

20
papers

106
citations

1307366

7
h-index

1372474

10
g-index

20
all docs

20
docs citations

20
times ranked

106
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Simulation of UV absorption spectra and relaxation dynamics of uracil and uracil-water clusters. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2594-2604. | 1.3 | 17 |
| 2 | New Insight into Uracil Stacking in Water from ab Initio Molecular Dynamics. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2621-2632. | 2.3 | 12 |
| 3 | Intriguing Intermolecular Interplay in Guanine Quartet Complexes with Alkali and Alkaline Earth Cations. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3002-3014. | 1.2 | 11 |
| 4 | The UVA response of enolic dibenzoylmethane: beyond the static approach. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1324-1332. | 1.6 | 9 |
| 5 | High Al-ion storage of vine shoots-derived activated carbon: New concept for affordable and sustainable supercapacitors. <i>Journal of Power Sources</i> , 2022, 538, 231561. | 4.0 | 9 |
| 6 | New hybrid cluster-continuum model for pKa values calculations: Case study of neurotransmitters amino group acidity. <i>Chemical Physics</i> , 2019, 516, 55-62. | 0.9 | 7 |
| 7 | Theoretical scrutinization of nine benzoic acid dimers: Stability and energy decomposition analysis. <i>International Journal of Quantum Chemistry</i> , 2019, 119, e25918. | 1.0 | 7 |
| 8 | The significance of the metal cation in guanine-quartet metalloporphyrin complexes. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 574-584. | 1.3 | 7 |
| 9 | Modulating Excited Charge-Transfer States of G-Quartet Self-Assemblies by Earth Alkaline Cations and Hydration. <i>Journal of Physical Chemistry A</i> , 2020, 124, 8101-8111. | 1.1 | 4 |
| 10 | Properties of the excited electronic states of guanine quartet complexes with alkali metal cations. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 1021-1032. | 0.4 | 4 |
| 11 | Hydrogen transfer reaction: Bond formation and bond cleavage through the eyes of interacting quantum atoms. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 891-900. | 0.4 | 3 |
| 12 | Proton leap: shuttling of protons onto benzonitrile. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 3958-3969. | 1.3 | 3 |
| 13 | Raman spectra of aqueous uracil stacked dimer: First principle molecular dynamics simulation. <i>Chemical Physics Letters</i> , 2018, 713, 15-20. | 1.2 | 2 |
| 14 | Theoretical and experimental investigation of geometry and stability of small potassium iodide $K_nI(n)$ clusters. <i>Journal of Physical Chemistry A</i> , 2020, 124, 10000-10009. | 1.0 | 2 |
| 15 | Elucidating Solvent Effects on Strong Intramolecular Hydrogen Bond: DFT-MD Study of Dibenzoylmethane in Methanol Solution. <i>ChemPhysChem</i> , 2019, 20, 2852-2859. | 1.0 | 2 |
| 16 | A simulation of free radicals induced oxidation of dopamine in aqueous solution. <i>Chemical Physics</i> , 2019, 524, 26-30. | 0.9 | 2 |
| 17 | Self-assembly of rylene-decorated guanine ribbons on graphene surface for optoelectronic applications: a theoretical study. <i>Nanotechnology</i> , 2021, 32, 435405. | 1.3 | 2 |
| 18 | Water-Mediated Interactions Enhance Alkaline Earth Cation Chelation in Neighboring Cavities of a Cytosine Quartet in the DNA Quadruplex. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11996-12005. | 1.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | On the propensity of formation of cyclobutane dimers in face-to-face and face-to-back uracil stacks in solution. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 14836-14845. | 1.3 | 1 |
| 20 | Alkaline Earth Cations Binding Mode Tailors Excited-State Charge Transfer Properties of Guanine Quadruplex: A TDDFT Study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, , 120584. | 2.0 | 0 |