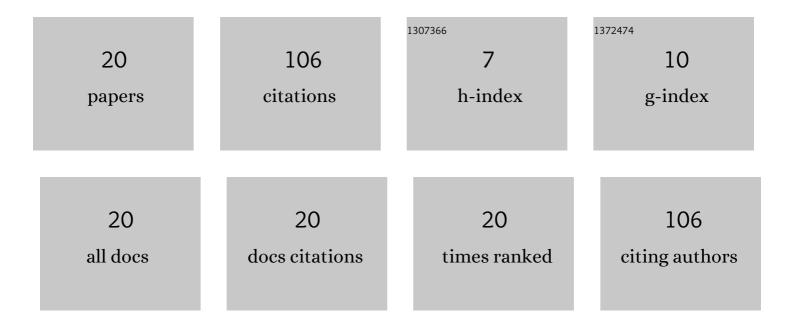
Branislav Milovanović

List of Publications by Year in descending order

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Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Simulation of UV absorption spectra and relaxation dynamics of uracil and uracil–water clusters. Physical Chemistry Chemical Physics, 2021, 23, 2594-2604.	1.3	17
2	New Insight into Uracil Stacking in Water from ab Initio Molecular Dynamics. Journal of Chemical Theory and Computation, 2018, 14, 2621-2632.	2.3	12
3	Intriguing Intermolecular Interplay in Guanine Quartet Complexes with Alkali and Alkaline Earth Cations. Journal of Physical Chemistry B, 2020, 124, 3002-3014.	1.2	11
4	The UVA response of enolic dibenzoylmethane: beyond the static approach. Photochemical and Photobiological Sciences, 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. Journal of Power Sources, 2022, 538, 231561.	4.0	9
6	New hybrid cluster-continuum model for pKa values calculations: Case study of neurotransmitters' amino group acidity. Chemical Physics, 2019, 516, 55-62.	0.9	7
7	Theoretical scrutinization of nine benzoic acid dimers: Stability and energy decomposition analysis. International Journal of Quantum Chemistry, 2019, 119, e25918.	1.0	7
8	The significance of the metal cation in guanine-quartet – metalloporphyrin complexes. Physical Chemistry Chemical Physics, 2021, 23, 574-584.	1.3	7
9	Modulating Excited Charge-Transfer States of G-Quartet Self-Assemblies by Earth Alkaline Cations and Hydration. Journal of Physical Chemistry A, 2020, 124, 8101-8111.	1.1	4
10	Properties of the excited electronic states of guanine quartet complexes with alkali metal cations. Journal of the Serbian Chemical Society, 2020, 85, 1021-1032.	0.4	4
11	Hydrogen transfer reaction: Bond formation and bond cleavage through the eyes of interacting quantum atoms. Journal of the Serbian Chemical Society, 2019, 84, 891-900.	0.4	3
12	Proton leap: shuttling of protons onto benzonitrile. Physical Chemistry Chemical Physics, 2022, 24, 3958-3969.	1.3	3
13	Raman spectra of aqueous uracil stacked dimer: First principle molecular dynamics simulation. Chemical Physics Letters, 2018, 713, 15-20.	1.2	2
14	Theoretical and experimental investigation of geometry and stability of small potassiumâ€iodide K n I (n) Tj ETQo	0.0.0 rgB ⁻ 1.0	T /Overlock 1
15	Elucidating Solvent Effects on Strong Intramolecular Hydrogen Bond: DFTâ€MD Study of Dibenzoylmethane in Methanol Solution. ChemPhysChem, 2019, 20, 2852-2859.	1.0	2
16	A simulation of free radicals induced oxidation of dopamine in aqueous solution. Chemical Physics, 2019, 524, 26-30.	0.9	2

17	Self-assembly of rylene-decorated guanine ribbons on graphene surface for optoelectronic applications: a theoretical study. Nanotechnology, 2021, 32, 435405.	1.3	2	

Water-Mediated Interactions Enhance Alkaline Earth Cation Chelation in Neighboring Cavities of a Cytosine Quartet in the DNA Quadruplex. Journal of Physical Chemistry B, 2021, 125, 11996-12005. 18 1.2

#	Article	IF	CITATIONS
19	On the propensity of formation of cyclobutane dimers in face-to-face and face-to-back uracil stacks in solution. Physical Chemistry Chemical Physics, 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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, , 120584.	2.0	0