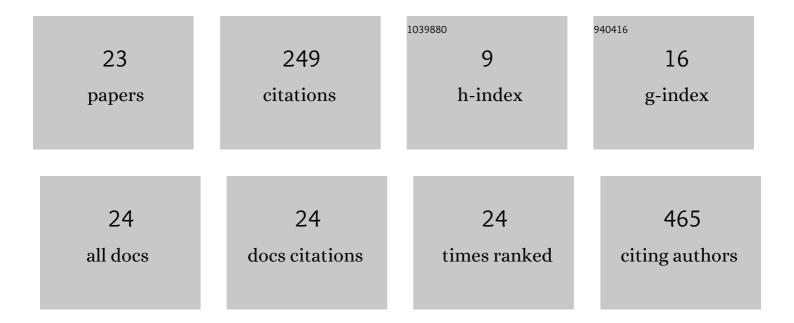
Ljubica Andjelkovic

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Brushite-Metakaolin Composite Geopolymer Material as an Effective Adsorbent for Lead Removal from Aqueous Solutions. Sustainability, 2022, 14, 4003.	1.6	2
2	The influence of the starch coating on the magnetic properties of nanosized cobalt ferrites obtained by different synthetic methods. Materials Research Bulletin, 2021, 134, 111117.	2.7	16
3	Light-Transmitting Measurements through Starch-Coated Cobalt Ferrite Ferrofluids Exposed to an External Magnetic Field. JETP Letters, 2021, 113, 238-241.	0.4	1
4	Multiferroic heterostructure BaTiO3/l̂µ-Fe2O3 composite obtained by in situ reaction. Science of Sintering, 2021, 53, 1-8.	0.5	3
5	Synthesis, characterization and in vitro evaluation of divalent ion release from stable NiFe2O4, ZnFe2O4 and core-shell ZnFe2O4@NiFe2O4 nanoparticles. Ceramics International, 2020, 46, 3528-3533.	2.3	10
6	Synthesis and Antimicrobial Activity of (3-Formyl-4-hydroxybenzyl)triphenylphosphonium Chloride Acylhydrazones. Russian Journal of General Chemistry, 2020, 90, 1716-1720.	0.3	2
7	One-pot combustion synthesis of nickel oxide and hematite: From simple coordination compounds to high purity metal oxide nanoparticles. Science of Sintering, 2020, 52, 481-490.	0.5	8
8	Structure and properties of nanocrystalline tetragonal BaTiO3 prepared by combustion solid state synthesis. Science of Sintering, 2020, 52, 257-268.	0.5	4
9	Optical evidence of magnetic field-induced ferrofluid aggregation: Comparison of cobalt ferrite, magnetite, and magnesium ferrite. Optical Materials, 2019, 91, 279-285.	1.7	7
10	A study of the structural and morphological properties of Ni–ferrite, Zn–ferrite and Ni–Zn–ferrites functionalized with starch. Ceramics International, 2018, 44, 14163-14168.	2.3	65
11	Novel silver(I) compounds with 1-adamantanamine. Journal of the Serbian Chemical Society, 2018, 83, 699-705.	0.4	3
12	Benchmarking density functional tight binding models for barrier heights and reaction energetics of organic molecules. Journal of Computational Chemistry, 2017, 38, 2171-2185.	1.5	39
13	Resolving the origin of the multimode Jahn–Teller effect in metallophthalocyanines. Physical Chemistry Chemical Physics, 2016, 18, 29122-29130.	1.3	10
14	Density functional theory study of the multimode Jahn–Teller problem in the open-shell corannulenes and coronenes. Chemical Physics, 2015, 460, 64-74.	0.9	6
15	Nucleus-independent chemical shift profiles along the intrinsic distortion path for Jahn-Teller active molecules. Study on cyclopentadienyl radical and cobaltocene. Journal of the Serbian Chemical Society, 2015, 80, 877-888.	0.4	1
16	DFT investigation of the influence of Jahn–Teller distortion on the aromaticity in square-planar arsenic and antimony clusters. Polyhedron, 2014, 80, 69-80.	1.0	5
17	The choice of the exchange orrelation functional for the determination of the jahn–teller parameters by the density functional theory. International Journal of Quantum Chemistry, 2013, 113, 859-864.	1.0	11
18	A simple monomer-based model-Hamiltonian approach to combine excitonic coupling and Jahn-Teller theory, Journal of Chemical Physics, 2013, 139, 174101.	1.2	4

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19	Spherical aromaticity of Jahn–Teller active fullerene ions. Monatshefte Für Chemie, 2013, 144, 817-823.	0.9	3
20	Role of Spin State and Ligand Charge in Coordination Patterns in Complexes of 2,6-Diacetylpyridinebis(semioxamazide) with 3d-Block Metal Ions: A Density Functional Theory Study. Inorganic Chemistry, 2013, 52, 13415-13423.	1.9	19
21	Magnetic criteria of aromaticity in a benzene cation and anion: how does the Jahn–Teller effect influence the aromaticity?. Tetrahedron Letters, 2012, 53, 794-799.	0.7	12
22	Treatment of the Multimode Jahn–Teller Problem in Small Aromatic Radicals. Journal of Physical Chemistry A, 2011, 115, 10801-10813.	1.1	17
23	Consistent force field for metalloporphyrins. Journal of the Serbian Chemical Society, 2010, 75, 1671-1683.	0.4	1