

Ljubica Andjelkovic

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

249
citations

1039880

9
h-index

940416

16
g-index

24
all docs

24
docs citations

24
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of the structural and morphological properties of Ni ²⁺ -ferrite, Zn ²⁺ -ferrite and Ni ²⁺ -Zn ²⁺ -ferrites functionalized with starch. <i>Ceramics International</i> , 2018, 44, 14163-14168.	2.3	65
2	Benchmarking density functional tight binding models for barrier heights and reaction energetics of organic molecules. <i>Journal of Computational Chemistry</i> , 2017, 38, 2171-2185.	1.5	39
3	Role of Spin State and Ligand Charge in Coordination Patterns in Complexes of 2,6-Diacetylpyridinebis(semioxamazine) with 3d-Block Metal Ions: A Density Functional Theory Study. <i>Inorganic Chemistry</i> , 2013, 52, 13415-13423.	1.9	19
4	Treatment of the Multimode Jahn-Teller Problem in Small Aromatic Radicals. <i>Journal of Physical Chemistry A</i> , 2011, 115, 10801-10813.	1.1	17
5	The influence of the starch coating on the magnetic properties of nanosized cobalt ferrites obtained by different synthetic methods. <i>Materials Research Bulletin</i> , 2021, 134, 111117.	2.7	16
6	Magnetic criteria of aromaticity in a benzene cation and anion: how does the Jahn-Teller effect influence the aromaticity?. <i>Tetrahedron Letters</i> , 2012, 53, 794-799.	0.7	12
7	The choice of the exchange-correlation functional for the determination of the jahn-teller parameters by the density functional theory. <i>International Journal of Quantum Chemistry</i> , 2013, 113, 859-864.	1.0	11
8	Resolving the origin of the multimode Jahn-Teller effect in metallophthalocyanines. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29122-29130.	1.3	10
9	Synthesis, characterization and in vitro evaluation of divalent ion release from stable NiFe ₂ O ₄ , ZnFe ₂ O ₄ and core-shell ZnFe ₂ O ₄ @NiFe ₂ O ₄ nanoparticles. <i>Ceramics International</i> , 2020, 46, 3528-3533.	2.3	10
10	One-pot combustion synthesis of nickel oxide and hematite: From simple coordination compounds to high purity metal oxide nanoparticles. <i>Science of Sintering</i> , 2020, 52, 481-490.	0.5	8
11	Optical evidence of magnetic field-induced ferrofluid aggregation: Comparison of cobalt ferrite, magnetite, and magnesium ferrite. <i>Optical Materials</i> , 2019, 91, 279-285.	1.7	7
12	Density functional theory study of the multimode Jahn-Teller problem in the open-shell corannulenes and coronenes. <i>Chemical Physics</i> , 2015, 460, 64-74.	0.9	6
13	DFT investigation of the influence of Jahn-Teller distortion on the aromaticity in square-planar arsenic and antimony clusters. <i>Polyhedron</i> , 2014, 80, 69-80.	1.0	5
14	A simple monomer-based model-Hamiltonian approach to combine excitonic coupling and Jahn-Teller theory. <i>Journal of Chemical Physics</i> , 2013, 139, 174101.	1.2	4
15	Structure and properties of nanocrystalline tetragonal BaTiO ₃ prepared by combustion solid state synthesis. <i>Science of Sintering</i> , 2020, 52, 257-268.	0.5	4
16	Spherical aromaticity of Jahn-Teller active fullerene ions. <i>Monatshefte für Chemie</i> , 2013, 144, 817-823.	0.9	3
17	Multiferroic heterostructure BaTiO ₃ /μ-Fe ₂ O ₃ composite obtained by in situ reaction. <i>Science of Sintering</i> , 2021, 53, 1-8.	0.5	3
18	Novel silver(I) compounds with 1-adamantanamine. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 699-705.	0.4	3

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19	Synthesis and Antimicrobial Activity of (3-Formyl-4-hydroxybenzyl)triphenylphosphonium Chloride Acylhydrazones. <i>Russian Journal of General Chemistry</i> , 2020, 90, 1716-1720.	0.3	2
20	Brushite-Metakaolin Composite Geopolymer Material as an Effective Adsorbent for Lead Removal from Aqueous Solutions. <i>Sustainability</i> , 2022, 14, 4003.	1.6	2
21	Consistent force field for metalloporphyrins. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 1671-1683.	0.4	1
22	Light-Transmitting Measurements through Starch-Coated Cobalt Ferrite Ferrofluids Exposed to an External Magnetic Field. <i>JETP Letters</i> , 2021, 113, 238-241.	0.4	1
23	Nucleus-independent chemical shift profiles along the intrinsic distortion path for Jahn-Teller active molecules. Study on cyclopentadienyl radical and cobaltocene. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 877-888.	0.4	1