DuÅ¡an N SredojeviÄ

List of Publications by Year
in descending order

39 papers	1,092 citations	394421 19 h-index	395702 33 g-index
41 all docs	41 docs citations	41 times ranked	1429 citing authors

#	Article	IF	Citations
1	Interfacial charge transfer complex between TiO2 and non-aromatic ligand squaric acid. Optical Materials, 2022, 123, 111918.	3.6	6
2	Single-Atom Catalysts Supported by Graphene and Hexagonal Boron Nitride: Structural Stability in the Oxygen Environment. Journal of Physical Chemistry C, 2022, 126, 8637-8644.	3.1	2
3	Surface-modified ZrO2 nanoparticles with caffeic acid: Characterization and in vitro evaluation of biosafety for placental cells. Chemico-Biological Interactions, 2021, 347, 109618.	4.0	7
4	Hydrogen Evolution Reaction over Single-Atom Catalysts Based on Metal Adatoms at Defected Graphene and h-BN. Journal of Physical Chemistry C, 2020, 124, 16860-16867.	3.1	32
5	Computational investigation of cobalt and copper bis (oxothiolene) complexes as an alternative for olefin purification. Journal of Molecular Modeling, 2020, 26, 205.	1.8	0
6	Tuning Properties of Cerium Dioxide Nanoparticles by Surface Modification with Catecholate-type of Ligands. Langmuir, 2020, 36, 9738-9746.	3.5	11
7	Visible light absorption of surface-modified Al2O3 powders: A comparative DFT and experimental study. Microporous and Mesoporous Materials, 2019, 273, 41-49.	4.4	15
8	Electronic structure of surface complexes between CeO2 and benzene derivatives: A comparative experimental and DFT study. Materials Chemistry and Physics, 2019, 236, 121816.	4.0	4
9	Interfacial Charge Transfer Transitions in Colloidal TiO₂ Nanoparticles Functionalized with Salicylic acid and 5-Aminosalicylic acid: A Comparative Photoelectron Spectroscopy and DFT Study. Journal of Physical Chemistry C, 2019, 123, 29057-29066.	3.1	17
10	Indacenodithiazole-Ladder-Type Bridged Di(thiophene)-Difluoro-Benzothiadiazole-Conjugated Copolymers as Ambipolar Organic Field-Effect Transistors. Chemistry of Materials, 2019, 31, 9488-9496.	6.7	25
11	Visible-light-responsive surface-modified TiO2 powder with 4-chlorophenol: A combined experimental and DFT study. Optical Materials, 2019, 89, 237-242.	3.6	20
12	Efficiency of the interfacial charge transfer complex between TiO2 nanoparticles and caffeic acid against DNA damage in vitro: A combinatorial analysis. Journal of the Serbian Chemical Society, 2019, 84, 539-553.	0.8	2
13	Formic Acid Synthesis by CO₂ Hydrogenation over Singleâ€Atom Catalysts Based on Ru and Cu Embedded in Graphene. ChemistrySelect, 2018, 3, 2631-2637.	1.5	31
14	Acute toxicity study in mice of orally administrated TiO2 nanoparticles functionalized with caffeic acid. Food and Chemical Toxicology, 2018, 115, 42-48.	3.6	28
15	Immobilization of dextransucrase on functionalized TiO2 supports. International Journal of Biological Macromolecules, 2018, 114, 1216-1223.	7.5	18
16	Reversible Olefin Addition to Extended Lattices of a Nickelâ€“Selenium Framework. Journal of Physical Chemistry C, 2018, 122, 22424-22434.	3.1	2
17	Visible light absorption of TiO2 nanoparticles surface-modified with vitamin B6: A comparative experimental and DFT study. Journal of the Serbian Chemical Society, 2018, 83, 899-909.	0.8	2
18	Synthesis of low band gap polymers based on pyrrolo[3,2-d:4,5-dâ€²]bisthiazole (PBTz) and thienylenevinylene (TV) for organic thin-film transistors (OTFTs). Journal of Materials Chemistry C, 2017, 5, 2247-2258.	5.5	23

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19	Bithiazole: An Intriguing Electronâ€Deficient Building for Plastic Electronic Applications. Macromolecular Rapid Communications, 2017, 38, 1600610.	3.9	27
20	Surface-modified TiO2 nanoparticles with ascorbic acid: Antioxidant properties and efficiency against DNA damage in vitro. Colloids and Surfaces B: Biointerfaces, 2017, 155, 323-331.	5.0	30
21	Charge-transfer complex formation between TiO2 nanoparticles and thiosalicylic acid: A comprehensive experimental and DFT study. Optical Materials, 2017, 73, 163-171.	3.6	12
22	Hybrid visible-light responsive Al2O3 particles. Chemical Physics Letters, 2017, 685, 416-421.	2.6	14
23	Surface-modified TiO2 powders with phenol derivatives: A comparative DFT and experimental study. Chemical Physics Letters, 2017, 686, 167-172.	2.6	29
24	Nickel Bis(diselenolene) as a Catalyst for Olefin Purification. Inorganic Chemistry, 2016, 55, 10182-10191.	4.0	9
25	Mechanism of Ethylene Addition to Nickel Bis(oxothiolene) and Nickel Bis(dioxolene) Complexes. Journal of Physical Chemistry A, 2016, 120, 7561-7568.	2.5	5
26	The stacking interactions of bipyridine complexes: the influence of the metal ion type on the strength of interactions. Journal of Molecular Modeling, 2016, 22, 30.	1.8	7
27	ZIF-67 Framework: A Promising New Candidate for Propylene/Propane Separation. Experimental Data and Molecular Simulations. Journal of Physical Chemistry C, 2016, 120, 8116-8124.	3.1	121
28	Stacking of Benzene with Metal Chelates: Calculated CCSD(T)/CBS Interaction Energies and Potentialâ€Energy Curves. ChemPhysChem, 2014, 15, 2458-2461.	2.1	24
29	Stacking Interactions of Ni(acac) Chelates with Benzene: Calculated Interaction Energies. ChemPhysChem, 2013, 14, 1797-1800.	2.1	16
30	Room temperature tandem hydroamination and hydrosilation/protodesilation catalysis by a tricarbonylchromium-bound iridacycle. Chemical Communications, 2012, 48, 10310.	4.1	37
31	Parallel stacking interactions in square-planar transition-metal complexes containing fused chelate and C₆-aromatic rings. Acta Crystallographica Section B: Structural Science, 2012, 68, 261-265.	1.8	23
32	What Are the Preferred Horizontal Displacements in Parallel Aromaticâ€“Aromatic Interactions? Significant Interactions at Large Displacements. ChemPhysChem, 2011, 12, 3511-3514.	2.1	76
33	Evidence of Chelateâˆ’Chelate Stacking Interactions in Crystal Structures of Transition-Metal Complexes. Crystal Growth and Design, 2010, 10, 3901-3908.	3.0	84
34	Ambipolar organic transistors and near-infrared phototransistors based on a solution-processable squarilium dye. Journal of Materials Chemistry, 2010, 20, 3673.	6.7	77
35	The Stereospecific Ligand Exchange at a Pseudoâ€Benzylic <i>T</i>â€4 Iridium Centre in Planarâ€Chiral Cycloiridium (Î·⁶â€Arene)tricarbonylchromium Complexes. Chemistry - A European Journal, 2009, 15, 10830-10842.	3.3	17
36	Stacking vs. CHâ€“Ï€ interactions between chelate and aryl rings in crystal structures of square-planar transition metal complexes. CrystEngComm, 2007, 9, 793.	2.6	67

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37	Influence of metal and ligand types on stacking interactions of phenyl rings with square-planar transition metal complexes. Open Chemistry, 2007, 5, 20-31.	1.9	7
38	Electron Delocalization Mediates the Metal-Dependent Capacity for CH/Ï€ Interactions of Acetylacetonato Chelates. Inorganic Chemistry, 2006, 45, 4755-4763.	4.0	80
39	Stacking Interactions between Chelate and Phenyl Rings in Square-Planar Transition Metal Complexes. Crystal Growth and Design, 2006, 6, 29-31.	3.0	85