

DuÅ;an N SredojeviÄ

List of Publications by Year in descending order

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docs citations

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1429
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#	ARTICLE	IF	CITATIONS
1	ZIF-67 Framework: A Promising New Candidate for Propylene/Propane Separation. Experimental Data and Molecular Simulations. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8116-8124.	3.1	121
2	Stacking Interactions between Chelate and Phenyl Rings in Square-Planar Transition Metal Complexes. <i>Crystal Growth and Design</i> , 2006, 6, 29-31.	3.0	85
3	Evidence of Chelate-Chelate Stacking Interactions in Crystal Structures of Transition-Metal Complexes. <i>Crystal Growth and Design</i> , 2010, 10, 3901-3908.	3.0	84
4	Electron Delocalization Mediates the Metal-Dependent Capacity for CH/π Interactions of Acetylacetonato Chelates. <i>Inorganic Chemistry</i> , 2006, 45, 4755-4763.	4.0	80
5	Ambipolar organic transistors and near-infrared phototransistors based on a solution-processable squarilium dye. <i>Journal of Materials Chemistry</i> , 2010, 20, 3673.	6.7	77
6	What Are the Preferred Horizontal Displacements in Parallel Aromatic-Aromatic Interactions? Significant Interactions at Large Displacements. <i>ChemPhysChem</i> , 2011, 12, 3511-3514.	2.1	76
7	Stacking vs. CH/π interactions between chelate and aryl rings in crystal structures of square-planar transition metal complexes. <i>CrystEngComm</i> , 2007, 9, 793.	2.6	67
8	Room temperature tandem hydroamination and hydrosilation/protodesilation catalysis by a tricarbonylchromium-bound iridacycle. <i>Chemical Communications</i> , 2012, 48, 10310.	4.1	37
9	Hydrogen Evolution Reaction over Single-Atom Catalysts Based on Metal Adatoms at Defected Graphene and h-BN. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16860-16867.	3.1	32
10	Formic Acid Synthesis by CO ₂ Hydrogenation over Single-Atom Catalysts Based on Ru and Cu Embedded in Graphene. <i>ChemistrySelect</i> , 2018, 3, 2631-2637.	1.5	31
11	Surface-modified TiO ₂ nanoparticles with ascorbic acid: Antioxidant properties and efficiency against DNA damage in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 323-331.	5.0	30
12	Surface-modified TiO ₂ powders with phenol derivatives: A comparative DFT and experimental study. <i>Chemical Physics Letters</i> , 2017, 686, 167-172.	2.6	29
13	Acute toxicity study in mice of orally administrated TiO ₂ nanoparticles functionalized with caffeic acid. <i>Food and Chemical Toxicology</i> , 2018, 115, 42-48.	3.6	28
14	Bithiazole: An Intriguing Electron-Deficient Building for Plastic Electronic Applications. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600610.	3.9	27
15	Indacenodithiazole-Ladder-Type Bridged Di(thiophene)-Difluoro-Benzothiadiazole-Conjugated Copolymers as Ambipolar Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2019, 31, 9488-9496.	6.7	25
16	Stacking of Benzene with Metal Chelates: Calculated CCSD(T)/CBS Interaction Energies and Potential Energy Curves. <i>ChemPhysChem</i> , 2014, 15, 2458-2461.	2.1	24
17	Parallel stacking interactions in square-planar transition-metal complexes containing fused chelate and C ₆ -aromatic rings. <i>Acta Crystallographica Section B: Structural Science</i> , 2012, 68, 261-265.	1.8	23
18	Synthesis of low band gap polymers based on pyrrolo[3,2-d:4,5-d']bisthiazole (PBTz) and thienylenevinylene (TV) for organic thin-film transistors (OTFTs). <i>Journal of Materials Chemistry C</i> , 2017, 5, 2247-2258.	5.5	23

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19	Visible-light-responsive surface-modified TiO ₂ powder with 4-chlorophenol: A combined experimental and DFT study. <i>Optical Materials</i> , 2019, 89, 237-242.	3.6	20
20	Immobilization of dextransucrase on functionalized TiO ₂ supports. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1216-1223.	7.5	18
21	The Stereospecific Ligand Exchange at a Pseudo- η^4 Iridium Centre in Planar-Chiral Cycloiridium (η^6 -Arene)tricarbonylchromium Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 10830-10842.	3.3	17
22	Interfacial Charge Transfer Transitions in Colloidal TiO ₂ Nanoparticles Functionalized with Salicylic acid and 5-Aminosalicylic acid: A Comparative Photoelectron Spectroscopy and DFT Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29057-29066.	3.1	17
23	Stacking Interactions of Ni(acac) Chelates with Benzene: Calculated Interaction Energies. <i>ChemPhysChem</i> , 2013, 14, 1797-1800.	2.1	16
24	Visible light absorption of surface-modified Al ₂ O ₃ powders: A comparative DFT and experimental study. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 41-49.	4.4	15
25	Hybrid visible-light responsive Al ₂ O ₃ particles. <i>Chemical Physics Letters</i> , 2017, 685, 416-421.	2.6	14
26	Charge-transfer complex formation between TiO ₂ nanoparticles and thiosalicylic acid: A comprehensive experimental and DFT study. <i>Optical Materials</i> , 2017, 73, 163-171.	3.6	12
27	Tuning Properties of Cerium Dioxide Nanoparticles by Surface Modification with Catecholate-type of Ligands. <i>Langmuir</i> , 2020, 36, 9738-9746.	3.5	11
28	Nickel Bis(diselenolene) as a Catalyst for Olefin Purification. <i>Inorganic Chemistry</i> , 2016, 55, 10182-10191.	4.0	9
29	Influence of metal and ligand types on stacking interactions of phenyl rings with square-planar transition metal complexes. <i>Open Chemistry</i> , 2007, 5, 20-31.	1.9	7
30	The stacking interactions of bipyridine complexes: the influence of the metal ion type on the strength of interactions. <i>Journal of Molecular Modeling</i> , 2016, 22, 30.	1.8	7
31	Surface-modified ZrO ₂ nanoparticles with caffeic acid: Characterization and in vitro evaluation of biosafety for placental cells. <i>Chemico-Biological Interactions</i> , 2021, 347, 109618.	4.0	7
32	Interfacial charge transfer complex between TiO ₂ and non-aromatic ligand squaric acid. <i>Optical Materials</i> , 2022, 123, 111918.	3.6	6
33	Mechanism of Ethylene Addition to Nickel Bis(oxothiolene) and Nickel Bis(dioxolene) Complexes. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7561-7568.	2.5	5
34	Electronic structure of surface complexes between CeO ₂ and benzene derivatives: A comparative experimental and DFT study. <i>Materials Chemistry and Physics</i> , 2019, 236, 121816.	4.0	4
35	Reversible Olefin Addition to Extended Lattices of a Nickel-Selenium Framework. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22424-22434.	3.1	2
36	Visible light absorption of TiO ₂ nanoparticles surface-modified with vitamin B6: A comparative experimental and DFT study. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 899-909.	0.8	2

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37	Efficiency of the interfacial charge transfer complex between TiO ₂ 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
38	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
39	Computational investigation of cobalt and copper bis (oxathiolene) complexes as an alternative for olefin purification. Journal of Molecular Modeling, 2020, 26, 205.	1.8	0