

# DuÅ;an N SredojeviÄ

## List of Publications by Year in descending order

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39  
papers

1,092  
citations

393982

19  
h-index

395343

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1429  
citing authors

#	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.	1.5	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.	1.4	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.	1.4	84
4	Electron Delocalization Mediates the Metal-Dependent Capacity for CH/π Interactions of Acetylacetonato Chelates. <i>Inorganic Chemistry</i> , 2006, 45, 4755-4763.	1.9	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.	1.0	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.	1.3	67
8	Room temperature tandem hydroamination and hydrosilation/protodesilation catalysis by a tricarbonylchromium-bound iridacycle. <i>Chemical Communications</i> , 2012, 48, 10310.	2.2	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.	1.5	32
10	Formic Acid Synthesis by CO <sub>2</sub> Hydrogenation over Single-Atom Catalysts Based on Ru and Cu Embedded in Graphene. <i>ChemistrySelect</i> , 2018, 3, 2631-2637.	0.7	31
11	Surface-modified TiO <sub>2</sub> nanoparticles with ascorbic acid: Antioxidant properties and efficiency against DNA damage in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 323-331.	2.5	30
12	Surface-modified TiO <sub>2</sub> powders with phenol derivatives: A comparative DFT and experimental study. <i>Chemical Physics Letters</i> , 2017, 686, 167-172.	1.2	29
13	Acute toxicity study in mice of orally administrated TiO <sub>2</sub> nanoparticles functionalized with caffeic acid. <i>Food and Chemical Toxicology</i> , 2018, 115, 42-48.	1.8	28
14	Bithiazole: An Intriguing Electron-Deficient Building for Plastic Electronic Applications. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600610.	2.0	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.	3.2	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.	1.0	24
17	Parallel stacking interactions in square-planar transition-metal complexes containing fused chelate and C <sub>6</sub> -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.	2.7	23

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19	Visible-light-responsive surface-modified TiO <sub>2</sub> powder with 4-chlorophenol: A combined experimental and DFT study. <i>Optical Materials</i> , 2019, 89, 237-242.	1.7	20
20	Immobilization of dextransucrase on functionalized TiO <sub>2</sub> supports. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1216-1223.	3.6	18
21	The Stereospecific Ligand Exchange at a Pseudo- $\eta^4$ Iridium Centre in Planar-Chiral Cycloiridium (I- <sup>6</sup> -Arene)tricarbonylchromium Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 10830-10842.	1.7	17
22	Interfacial Charge Transfer Transitions in Colloidal TiO <sub>2</sub> 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.	1.5	17
23	Stacking Interactions of Ni(acac) Chelates with Benzene: Calculated Interaction Energies. <i>ChemPhysChem</i> , 2013, 14, 1797-1800.	1.0	16
24	Visible light absorption of surface-modified Al <sub>2</sub> O <sub>3</sub> powders: A comparative DFT and experimental study. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 41-49.	2.2	15
25	Hybrid visible-light responsive Al <sub>2</sub> O <sub>3</sub> particles. <i>Chemical Physics Letters</i> , 2017, 685, 416-421.	1.2	14
26	Charge-transfer complex formation between TiO <sub>2</sub> nanoparticles and thiosalicylic acid: A comprehensive experimental and DFT study. <i>Optical Materials</i> , 2017, 73, 163-171.	1.7	12
27	Tuning Properties of Cerium Dioxide Nanoparticles by Surface Modification with Catecholate-type of Ligands. <i>Langmuir</i> , 2020, 36, 9738-9746.	1.6	11
28	Nickel Bis(diselenolene) as a Catalyst for Olefin Purification. <i>Inorganic Chemistry</i> , 2016, 55, 10182-10191.	1.9	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.	1.0	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.	0.8	7
31	Surface-modified ZrO <sub>2</sub> nanoparticles with caffeic acid: Characterization and in vitro evaluation of biosafety for placental cells. <i>Chemico-Biological Interactions</i> , 2021, 347, 109618.	1.7	7
32	Interfacial charge transfer complex between TiO <sub>2</sub> and non-aromatic ligand squaric acid. <i>Optical Materials</i> , 2022, 123, 111918.	1.7	6
33	Mechanism of Ethylene Addition to Nickel Bis(oxathiolene) and Nickel Bis(dioxolene) Complexes. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7561-7568.	1.1	5
34	Electronic structure of surface complexes between CeO <sub>2</sub> and benzene derivatives: A comparative experimental and DFT study. <i>Materials Chemistry and Physics</i> , 2019, 236, 121816.	2.0	4
35	Reversible Olefin Addition to Extended Lattices of a Nickel-Selenium Framework. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22424-22434.	1.5	2
36	Visible light absorption of TiO <sub>2</sub> nanoparticles surface-modified with vitamin B6: A comparative experimental and DFT study. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 899-909.	0.4	2

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37	Efficiency of the interfacial charge transfer complex between TiO <sub>2</sub> nanoparticles and caffeic acid against DNA damage in vitro: A combinatorial analysis. Journal of the Serbian Chemical Society, 2019, 84, 539-553.	0.4	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.	1.5	2
39	Computational investigation of cobalt and copper bis (oxathiolene) complexes as an alternative for olefin purification. Journal of Molecular Modeling, 2020, 26, 205.	0.8	0