

# Nadica D AbazoviÄ

## List of Publications by Year in descending order

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32  
papers

1,011  
citations

686830

13  
h-index

414034

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influencing surface phenomena by Au diffusion in buffered TiO <sub>2</sub> -Au thin films: Effects of deposition and annealing processing. <i>Surfaces and Interfaces</i> , 2022, 30, 101811.	1.5	4
2	Electrochemical oxidation of 2,4,6-trichlorophenol on iron-doped nanozirconia ceramic. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 495-505.	0.4	1
3	Simulated solar light driven performance of nanosized ZnIn <sub>2</sub> S <sub>4</sub> /dye system: decolourization vs. photodegradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112154.	2.0	7
4	Effect of Fe <sup>3+</sup> ion doping on photocatalytic ability of nanozirconia ceramic to degrade 2, 4, 6-trichlorophenol. <i>Ceramics International</i> , 2020, 46, 6820-6827.	2.3	9
5	Application of Ni(II)-alumina composites for electrocatalytic reduction of 4-nitrophenol. <i>Science of Sintering</i> , 2020, 52, 359-370.	0.5	1
6	Binary oxide ceramics for enhanced phenols degradation under simulated Solar light. <i>Journal of the American Ceramic Society</i> , 2018, 101, 1420-1431.	1.9	7
7	Properties of Zirconia/Polyaniline hybrid nanocomposites and their application as photocatalysts for degradation of model pollutants. <i>Materials Chemistry and Physics</i> , 2018, 205, 130-137.	2.0	31
8	Modification of N-doped TiO <sub>2</sub> photocatalysts using noble metals (Pt, Pd) – a combined XPS and DFT study. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7062-7071.	1.3	60
9	Formation of ZnIn <sub>2</sub> S <sub>4</sub> nanosheets and tubular structures in organic media. <i>Materials Research Bulletin</i> , 2017, 87, 140-147.	2.7	12
10	Zirconium dioxide nanopowders with incorporated Si <sup>4+</sup> ions as efficient photocatalyst for degradation of trichlorophenol using simulated solar light. <i>Applied Catalysis B: Environmental</i> , 2016, 195, 112-120.	10.8	43
11	Effect of PEO molecular weight on sunlight induced photocatalytic activity of ZnO/PEO composites. <i>Solar Energy</i> , 2016, 127, 124-135.	2.9	13
12	Iron doped anatase for application in photocatalysis. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2991-2996.	2.8	12
13	Structural, optical and photodegradation properties of pure and Fe-doped titania nanoparticles probed using simulated Solar light. <i>Ceramics International</i> , 2016, 42, 1521-1529.	2.3	12
14	Anatase nanoparticles surface modified with fused ring salicylate-type ligands (1-hydroxy-2-naphthoic) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	23
15	The influence of reaction media on CdIn <sub>2</sub> S <sub>4</sub> and ZnIn <sub>2</sub> S <sub>4</sub> nanocrystallite formation and growth of mesocrystal structures. <i>CrystEngComm</i> , 2015, 17, 8492-8499.	1.3	14
16	Influence of sulphide precursor on crystal phase of ternary III-VI <sub>2</sub> semiconductors. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	8
17	Novel organo-colloidal synthesis, optical properties, and structural analysis of antimony sesquioxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	5
18	Preparation and characterization of chrome doped spene pigments prepared via precursor mechanochemical activation. <i>Journal of Alloys and Compounds</i> , 2013, 579, 290-294.	2.8	5

#	ARTICLE	IF	CITATIONS
19	Optical, structural and thermal characterization of gold nanoparticles â€“ poly(vinylalcohol) composite films. <i>Journal of Composite Materials</i> , 2012, 46, 987-995.	1.2	18
20	Structural and morphological dependences of Sb <sub>2</sub> S <sub>3</sub> nanobars synthesised by organo-colloidal process on precursor concentrations and reaction times. <i>Journal of Crystal Growth</i> , 2012, 354, 157-163.	0.7	10
21	Colloidal-chemistry based synthesis of quantized CuInS <sub>2</sub> /Se <sub>2</sub> nanoparticles. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 789-797.	0.4	7
22	Growth of Sb <sub>2</sub> S <sub>3</sub> nanowires synthesized by colloidal process and self-assembly of amorphous spherical Sb <sub>2</sub> S <sub>3</sub> nanoparticles in wires formation. <i>Metals and Materials International</i> , 2012, 18, 989-995.	1.8	10
23	Ligand mediated synthesis of AgInSe <sub>2</sub> nanoparticles with tetragonal/orthorhombic crystal phases. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	15
24	Organic Synthesis with Different OA/EHA Ratios of Sb <sub>2</sub> S <sub>3</sub> Nanowires of Flower-Like Organization and [010] Orientation. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012, 43, 1405-1409.	1.1	8
25	Photocatalytic degradation of selected herbicides in aqueous suspensions of doped titania under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2010, 179, 49-56.	6.5	43
26	Synthesis and Characterization of Rutile TiO <sub>2</sub> Nanopowders Doped with Iron Ions. <i>Nanoscale Research Letters</i> , 2009, 4, 518-525.	3.1	96
27	Structural and Optical Characterization of Flower-Like Rutile Nanostructures Doped with Fe <sup>3+</sup> . <i>Journal of the American Ceramic Society</i> , 2009, 92, 894-896.	1.9	8
28	Nitrogen-doped TiO <sub>2</sub> suspensions in photocatalytic degradation of mecoprop and (4-chloro-2-methylphenoxy)acetic acid herbicides using various light sources. <i>Desalination</i> , 2009, 244, 293-302.	4.0	27
29	Direct detection of unamplified DNA from pathogenic mycobacteria using DNA-derivatized gold nanoparticles. <i>Journal of Microbiological Methods</i> , 2009, 78, 260-264.	0.7	64
30	Photon energy up-conversion in colloidal TiO <sub>2</sub> nanorods. <i>Optical Materials</i> , 2008, 30, 1139-1144.	1.7	21
31	TiO <sub>2</sub> Doped with Nitrogen: Synthesis and Characterization. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 613-618.	0.9	10
32	Photoluminescence of Anatase and Rutile TiO <sub>2</sub> Particlesâ€. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25366-25370.	1.2	407