

# Nadica D AbazoviÄ

## List of Publications by Year in descending order

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32  
papers

1,011  
citations

687363

13  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence of Anatase and Rutile TiO <sub>2</sub> Particles. Journal of Physical Chemistry B, 2006, 110, 25366-25370.	2.6	407
2	Synthesis and Characterization of Rutile TiO <sub>2</sub> Nanopowders Doped with Iron Ions. Nanoscale Research Letters, 2009, 4, 518-525.	5.7	96
3	Direct detection of unamplified DNA from pathogenic mycobacteria using DNA-derivatized gold nanoparticles. Journal of Microbiological Methods, 2009, 78, 260-264.	1.6	64
4	Modification of N-doped TiO <sub>2</sub> photocatalysts using noble metals (Pt, Pd) – a combined XPS and DFT study. Physical Chemistry Chemical Physics, 2017, 19, 7062-7071.	2.8	60
5	Photocatalytic degradation of selected herbicides in aqueous suspensions of doped titania under visible light irradiation. Journal of Hazardous Materials, 2010, 179, 49-56.	12.4	43
6	Zirconium dioxide nanopowders with incorporated Si <sup>4+</sup> ions as efficient photocatalyst for degradation of trichlorophenol using simulated solar light. Applied Catalysis B: Environmental, 2016, 195, 112-120.	20.2	43
7	Properties of Zirconia/Polyaniline hybrid nanocomposites and their application as photocatalysts for degradation of model pollutants. Materials Chemistry and Physics, 2018, 205, 130-137.	4.0	31
8	Nitrogen-doped TiO <sub>2</sub> suspensions in photocatalytic degradation of mecoprop and (4-chloro-2-methylphenoxy)acetic acid herbicides using various light sources. Desalination, 2009, 244, 293-302.	8.2	27
9	Anatase nanoparticles surface modified with fused ring salicylate-type ligands (1-hydroxy-2-naphthoic) Tj ETQq1 1 0.784314 r <sub>g</sub> BT /Ov	5.5	28
10	Photon energy up-conversion in colloidal TiO <sub>2</sub> nanorods. Optical Materials, 2008, 30, 1139-1144.	3.6	21
11	Optical, structural and thermal characterization of gold nanoparticles – poly(vinylalcohol) composite films. Journal of Composite Materials, 2012, 46, 987-995.	2.4	18
12	Ligand mediated synthesis of AgInSe <sub>2</sub> nanoparticles with tetragonal/orthorhombic crystal phases. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	15
13	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. CrystEngComm, 2015, 17, 8492-8499.	2.6	14
14	Effect of PEO molecular weight on sunlight induced photocatalytic activity of ZnO/PEO composites. Solar Energy, 2016, 127, 124-135.	6.1	13
15	Iron doped anatase for application in photocatalysis. Journal of the European Ceramic Society, 2016, 36, 2991-2996.	5.7	12
16	Structural, optical and photodegradation properties of pure and Fe-doped titania nanoparticles probed using simulated Solar light. Ceramics International, 2016, 42, 1521-1529.	4.8	12
17	Formation of ZnIn <sub>2</sub> S <sub>4</sub> nanosheets and tubular structures in organic media. Materials Research Bulletin, 2017, 87, 140-147.	5.2	12
18	TiO <sub>2</sub> Doped with Nitrogen: Synthesis and Characterization. Journal of Nanoscience and Nanotechnology, 2008, 8, 613-618.	0.9	10

#	ARTICLE	IF	CITATIONS
19	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.	1.5	10
20	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.	3.4	10
21	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.	4.8	9
22	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.	3.8	8
23	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.	2.2	8
24	Influence of sulphide precursor on crystal phase of ternary III-VI <sub>2</sub> semiconductors. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	8
25	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.	0.8	7
26	Binary oxide ceramics for enhanced phenols degradation under simulated Solar light. <i>Journal of the American Ceramic Society</i> , 2018, 101, 1420-1431.	3.8	7
27	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.	3.9	7
28	Novel organo-colloidal synthesis, optical properties, and structural analysis of antimony sesquioxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	5
29	Preparation and characterization of chrome doped sphene pigments prepared via precursor mechanochemical activation. <i>Journal of Alloys and Compounds</i> , 2013, 579, 290-294.	5.5	5
30	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.	3.0	4
31	Electrochemical oxidation of 2,4,6-trichlorophenol on iron-doped nanozirconia ceramic. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 495-505.	0.8	1
32	Application of Ni(II)-alumina composites for electrocatalytic reduction of 4-nitrophenol. <i>Science of Sintering</i> , 2020, 52, 359-370.	1.4	1