Jovan M Nedeljkovic

List of Publications by Citations

167 papers	5,477 citations	39 h-index	67 g-index
171 ext. papers	5,980 ext. citations	4.2 avg, IF	5.44 L-index

#	Paper	IF	Citations
167	Fabrication and Characterization of Silver–Polyvinyl Alcohol Nanocomposites. *Chemistry of Materials*, **2003**, 15, 5019-5024	9.6	512
166	Photoluminescence of anatase and rutile TiO2 particles. *Journal of Physical Chemistry B*, **2006**, 110, 25366-70	3.4	340
165	Photoenhancement of Luminescence in Colloidal CdSe Quantum Dot Solutions. *Journal of Physical Chemistry B*, **2003**, 107, 11346-11352	3.4	300
164	Surface Modification of Colloidal TiO2 Nanoparticles with Bidentate Benzene Derivatives. *Journal of Physical Chemistry C*, **2009**, 113, 12645-12652	3.8	185
163	The influence of silver content on antimicrobial activity and color of cotton fabrics functionalized with Ag nanoparticles. *Carbohydrate Polymers*, **2009**, 78, 564-569	10.3	135
162	Antibacterial effect of silver nanoparticles deposited on corona-treated polyester and polyamide fabrics. *Polymers for Advanced Technologies*, **2008**, 19, 1816-1821	3.2	135
161	Functionalization of polyester fabrics with alginates and TiO2 nanoparticles. *Carbohydrate Polymers* , **2010**, 79, 526-532	10.3	128
160	Spectrophotometric determination of alendronate in pharmaceutical formulations via complex formation with Fe(III) ions. *Journal of Pharmaceutical and Biomedical Analysis*, **2002**, 28, 1215-20	3.5	111
159	X-ray absorption reveals surface structure of titanium dioxide nanoparticles. *Journal of Synchrotron Radiation*, **1999**, 6, 445-7	2.4	100
158	Temperature sensing with Eu3+ doped TiO2 nanoparticles. *Sensors and Actuators B: Chemical*, **2014**, 201, 46-50	8.5	96
157	New Hybrid Properties of TiO(2) Nanoparticles Surface Modified With Catecholate Type Ligands. *Nanoscale Research Letters*, **2009**, 5, 81-88	5	93
156	Synthesis and Characterization of Colloidal InP Quantum Rods. *Nano Letters*, **2003**, 3, 833-837	11.5	82
155	Synthesis and characterization of nanocomposite of polyvinyl alcohol and lead sulfide nanoparticles. *Materials Chemistry and Physics*, **2006**, 95, 67-71	4.4	76
154	Functionalization of cotton fabrics with corona/air RF plasma and colloidal TiO2 nanoparticles. *Cellulose*, **2011**, 18, 811-825	5.5	75
153	Radiolytic synthesis and characterization of Ag-PVA nanocomposites. *European Polymer Journal*, **2007**, 43, 2171-2176	5.2	74
152	In situ radical polymerization of methyl methacrylate in a solution of surface modified TiO2 and nanoparticles. *European Polymer Journal*, **2007**, 43, 3719-3726	5.2	73
151	Antifungal efficiency of corona pretreated polyester and polyamide fabrics loaded with Ag nanoparticles. *Journal of Materials Science*, **2009**, 44, 3983-3990	4.3	72

150	Growth of InP nanostructures via reaction of indium droplets with phosphide ions: synthesis of InP quantum rods and InP-TiO2 composites. *Journal of the American Chemical Society*, **2004**, 126, 2632-9	16.4	70
149	Surface modification of nanometer-scale silver particles by imidazole. *Langmuir*, **1993**, 9, 980-983	4	70
148	TiO2 films prepared by ultrasonic spray pyrolysis of nanosize precursor. *Materials Letters*, **2002**, 54, 298-302	3.2	65
147	Quenching of semiconductor quantum dot photoluminescence by a pi-conjugated polymer. *Journal of Physical Chemistry B*, **2005**, 109, 15927-32	3.4	63
146	Bactericidal Efficiency of Silver Nanoparticles Deposited onto Radio Frequency Plasma Pretreated Polyester Fabrics. *Industrial & Engineering Chemistry Research*, **2010**, 49, 7287-7293	3.9	61
145	Quantum Dot Molecules Assembled with Genetically Engineered Proteins. *Nano Letters*, **2003**, 3, 1581-1585	5.5	59
144	Non-contact thermometry with Dy3+ doped Gd2Ti2O7 nano-powders. *Journal of Luminescence*, **2016**, 170, 395-400	3.8	55
143	Fabrication of Ag-PVA hydrogel nanocomposite by □rradiation. *Polymer Bulletin*, **2007**, 58, 271-279	2.4	55
142	Enhanced Photocatalytic Performance of Surface-Modified TiO2 Nanofibers with Rhodizonic Acid. *Advanced Fiber Materials*, **2020**, 2, 118-122	10.9	54
141	Self-referenced luminescence thermometry with Sm(3+) doped TiO2 nanoparticles. *Nanotechnology*, **2014**, 25, 485501	3.4	53
140	Synthesis and characterization of CdS quantum dots□olystyrene composite. *Chemical Physics Letters*, **2000**, 329, 168-172	2.5	53
139	Pectin-based nanocomposite aerogels for potential insulated food packaging application. *Carbohydrate Polymers*, **2018**, 195, 128-135	10.3	50
138	Surface modification of anatase nanoparticles with fused ring catecholate type ligands: a combined DFT and experimental study of optical properties. *Nanoscale*, **2012**, 4, 1612-9	7.7	48
137	Size Dependent Femtosecond Electron Cooling Dynamics in CdSe Quantum Rods. *Nano Letters*, **2004**, 4, 1089-1092	11.5	47
136	Synthesis and characterization of silver□oly(methylmethacrylate) nanocomposites. *Colloid and Polymer Science*, **2009**, 287, 847-851	2.4	46
135	Thermal and optical properties of silver□oly(methylmethacrylate) nanocomposites prepared by in-situ radical polymerization. *European Polymer Journal*, **2010**, 46, 137-144	5.2	44
134	Photovoltaic characterization of hybrid solar cells using surface modified TiO(2) nanoparticles and poly(3-hexyl)thiophene. *Nanotechnology*, **2008**, 19, 424009	3.4	44
133	The effect of substituents on the surface modification of anatase nanoparticles with catecholate-type ligands: a combined DFT and experimental study. *Physical Chemistry Chemical Physics*, **2014**, 16, 20796-805	3.6	41

132	Dextran coated silver nanoparticles - Chemical sensor for selective cysteine detection. *Colloids and Surfaces B: Biointerfaces*, **2017**, 160, 184-191	6	41
131	Thermal properties of PMMA/TiO2 nanocomposites prepared by in-situ bulk polymerization. *Polymer Composites*, **2009**, 30, 737-742	3	41
130	Self-assembled polyaniline nanotubes and nanoribbons/titanium dioxide nanocomposites. *Synthetic Metals*, **2010**, 160, 1325-1334	3.6	40
129	Influence of CdS-filler on the thermal properties of polystyrene. *European Polymer Journal*, **2002**, 38, 1659-1662	5.2	40
128	Improved properties of oxygen and argon RF plasma-activated polyester fabrics loaded with TiO2 nanoparticles. *ACS Applied Materials & Interfaces*, **2010**, 2, 1700-6	9.5	38
127	Radiation induced synthesis of molecularly imprinted polymers. *Polymer*, **1997**, 38, 2853-2855	3.9	38
126	Influence of surface modified TiO2 nanoparticles by gallates on the properties of PMMA/TiO2 nanocomposites. *European Polymer Journal*, **2012**, 48, 1385-1393	5.2	37
125	Surface modification of anatase nanoparticles with fused ring salicylate-type ligands (3-hydroxy-2-naphthoic acids): a combined DFT and experimental study of optical properties. *Nanoscale*, **2013**, 5, 7601-12	7.7	36
124	Glass transition and polymer dynamics in silver/poly(methyl methacrylate) nanocomposites. *European Polymer Journal*, **2011**, 47, 1514-1525	5.2	34
123	Interfacial synthesis and characterization of gold/polyaniline nanocomposites. *Synthetic Metals*, **2014**, 195, 122-131	3.6	33
122	Visible light absorption of surface modified TiO2 powders with bidentate benzene derivatives. *Microporous and Mesoporous Materials*, **2015**, 217, 184-189	5.3	32
121	Ultrasonic spray pyrolysis of surface modified TiO2 nanoparticles with dopamine. *Materials Chemistry and Physics*, **2013**, 143, 233-239	4.4	32
120	Photochemical degradation of solid-state nisoldipine monitored by HPLC. *Journal of Pharmaceutical and Biomedical Analysis*, **2003**, 32, 929-35	3.5	32
119	Stress relaxation in hematite nanoparticles-polystyrene composites. *Macromolecular Rapid Communications*, **2000**, 21, 994-997	4.8	31
118	Photocatalytic Ability of Visible-Light-Responsive TiO2 Nanoparticles. *Journal of Physical Chemistry C*, **2016**, 120, 18560-18569	3.8	31
117	The influence of □FeOOH nanorods on the thermal stability of poly(methyl methacrylate). *Polymer Degradation and Stability*, **2007**, 92, 70-74	4.7	30
116	Influence of Fe2O3-filler on the thermal properties of polystyrene. *Journal of Materials Science Letters*, **2003**, 22, 235-237		29
115	Synthesis and characterization of shaped ZnS nanocrystals in water in oil microemulsions. *Materials Letters*, **2007**, 61, 4396-4399	3.3	27

114	The Synthesis of Quantum Size Lead Sulfide Particles in Surfactant-Based Complex Fluid Media. *Journal of Colloid and Interface Science*, **1993**, 161, 316-320	9.3	26
113	Dynamic thermogravimetric degradation of gamma radiolytically synthesized Ag-PVA nanocomposites. *Thermochimica Acta*, **2007**, 460, 28-34	2.9	25
112	Presence of Room Temperature Ferromagnetism in Co2+ Doped TiO2 Nanoparticles Synthesized through Shape Transformation. *Journal of Physical Chemistry C*, **2009**, 113, 21029-21033	3.8	24
111	Self-assembly of linear arrays of semiconductor nanoparticles on carbon single-walled nanotubes. *Journal of Physical Chemistry B*, **2006**, 110, 25153-7	3.4	24
110	Theoretical and experimental investigation of electronic structure and relaxation of colloidal nanocrystalline indium phosphide quantum dots. *Physical Review B*, **2003**, 67,	3.3	24
109	Influence of additives on the properties of spherical nickel particles prepared by ultrasonic spray pyrolysis. *Journal of Materials Research*, **1999**, 14, 3059-3065	2.5	24
108	The influence of triangular silver nanoplates on antimicrobial activity and color of cotton fabrics pretreated with chitosan. *Journal of Materials Science*, **2014**, 49, 4453-4460	4.3	23
107	Synthesis, characterization, and antimicrobial activity of poly(GMA-co-EGDMA) polymer decorated with silver nanoparticles. *Journal of Materials Science*, **2014**, 49, 6838-6844	4.3	23
106	Multifunctional properties of polyester fabrics modified by corona discharge/air RF plasma and colloidal TiO2 nanoparticles. *Polymer Composites*, **2011**, 32, 390-397	3	23
105	Dextran-coated silver nanoparticles for improved barrier and controlled antimicrobial properties of nanocellulose films used in food packaging. *Food Packaging and Shelf Life*, **2020**, 26, 100575	8.2	22
104	Antibacterial ability of supported silver nanoparticles by functionalized hydroxyapatite with 5-aminosalicylic acid. *Vacuum*, **2018**, 148, 62-68	3.7	22
103	Optical properties of shaped silver nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 3511-5	1.3	22
102	Photocatalytic reduction of cadmium on TiO2 nanoparticles modified with amino acids. *Chemical Physics Letters*, **2005**, 407, 110-113	2.5	22
101	Surface-modified TiO nanoparticles with ascorbic acid: Antioxidant properties and efficiency against DNA damage in vitro. *Colloids and Surfaces B: Biointerfaces*, **2017**, 155, 323-331	6	21
100	Silver/polystyrene nanocomposites: Optical and thermal properties. *Polymer Composites*, **2012**, 33, 782-788	3	21
99	Ferromagnetic polyaniline/TiO2 nanocomposites. *Polymer Composites*, **2012**, 33, 1482-1493	3	21
98	The influence of hematite nano-crystals on the thermal stability of polystyrene. *Polymer Degradation and Stability*, **2006**, 91, 313-316	4.7	21
97	Anisotropic silver nanoparticles as filler for the formation of hybrid nanocomposites. *Materials Research Bulletin*, **2013**, 48, 52-57	5.1	20

96	Surface-modified TiO2 powders with phenol derivatives: A comparative DFT and experimental study. *Chemical Physics Letters*, **2017**, 686, 167-172	2.5	20
95	Surface modification of submicronic TiO2 particles prepared by ultrasonic spray pyrolysis for visible light absorption. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	20
94	Influence of solvent on the structural and morphological properties of AgI particles prepared using ultrasonic spray pyrolysis. *Materials Chemistry and Physics*, **2008**, 107, 28-32	4.4	20
93	Raman spectroscopy of Cd1−xMnxS quantum dots. *Journal Physics D: Applied Physics*, **2005**, 38, 4321-4324	3	20
92	Acute toxicity study in mice of orally administrated TiO nanoparticles functionalized with caffeic acid. *Food and Chemical Toxicology*, **2018**, 115, 42-48	4.7	19
91	Photoluminescence and far-infrared spectroscopy of PbS quantum dots–Polyvinyl alcohol nanocomposite. *Optical Materials*, **2008**, 30, 1177-1182	3.3	19
90	Characterization of silver/polystyrene nanocomposites prepared by in situ bulk radical polymerization. *Materials Research Bulletin*, **2014**, 49, 434-439	5.1	18
89	Multifunctional PES fabrics modified with colloidal Ag and TiO2 nanoparticles. *Polymers for Advanced Technologies*, **2011**, 22, 2244-2249	3.2	18
88	The study of coloration and antibacterial efficiency of corona activated dyed polyamide and polyester fabrics loaded with Ag nanoparticles. *Fibers and Polymers*, **2009**, 10, 650-656	2	18
87	Photon energy up-conversion in colloidal TiO2 nanorods. *Optical Materials*, **2008**, 30, 1139-1144	3.3	18
86	The study of antibacterial activity and stability of dyed cotton fabrics modified with different forms of silver. *Journal of the Serbian Chemical Society*, **2012**, 77, 225-234	0.9	17
85	Influence of sodium dodecyl sulfate on the kinetics of complex formation between [PdCl(dien)]+ and sulfur containing ligands l-cysteine and glutathione. *Polyhedron*, **2003**, 22, 279-285	2.7	17
84	Enhanced Redox Chemistry in Quantized Semiconductor Colloids. *Israel Journal of Chemistry*, **1993**, 33, 59-65	3.4	17
83	Characterization of poly(vinyl alcohol)/gold nanocomposites obtained by in situ gamma-irradiation method. *Journal of Applied Polymer Science*, **2012**, 125, 1244-1251	2.9	16
82	Nanoparticle shape and configuration analysis by transmission electron tomography. *Journal of Microscopy*, **2008**, 230, 382-7	1.9	16
81	Bioconjugation of (CdSe)ZnS Quantum Dots Using a Genetically Engineered Multiple Polyhistidine Tagged Cohesin/Dockerin Protein Polymer. *Macromolecular Materials and Engineering*, **2004**, 289, 622-628	3.9	16
80	In situ generation of Ag nanoparticles on polyester fabrics by photoreduction using TiO2 nanoparticles. *Journal of Materials Science*, **2013**, 48, 5447-5455	4.3	15
79	Structure and luminescence properties of Eu3+ doped TiO2 nanocrystals and prolate nanospheroids synthesized by the hydrothermal processing. *Ceramics International*, **2012**, 38, 5629-5636	5.1	15

78	Ligand mediated synthesis of AgInSe2 nanoparticles with tetragonal/orthorhombic crystal phases. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	15
77	Thermal properties of PS/TiO2 nanocomposites obtained by in situ bulk radical polymerization of styrene. *Materials Letters*, **2009**, 63, 908-910	3.3	15
76	Photochemical preparation and unusual optical absorption of nanometer size metallic silver particles. *Journal of Colloid and Interface Science*, **1992**, 150, 81-83	9.3	15
75	Enhanced photoredox chemistry in surface-modified Mg2TiO4 nano-powders with bidentate benzene derivatives. *RSC Advances*, **2016**, 6, 94780-94786	3.7	15
74	Synthesis, characterization, and antimicrobial activity of silver nanoparticles on poly(GMA-co-EGDMA) polymer support. *Polymer Composites*, **2017**, 38, 1206-1214	3	14
73	Formation of silver iodide particles from thermodynamically stable clusters using ultrasonic spray pyrolysis. *Journal of the European Ceramic Society*, **2007**, 27, 927-929	6	14
72	Visible-light-responsive surface-modified TiO2 powder with 4-chlorophenol: A combined experimental and DFT study. *Optical Materials*, **2019**, 89, 237-242	3.3	13
71	Immobilization of dextransucrase on functionalized TiO supports. *International Journal of Biological Macromolecules*, **2018**, 114, 1216-1223	7.9	13
70	Drug Delivery Systems for Diabetes Treatment. *Current Pharmaceutical Design*, **2019**, 25, 166-173	3.3	13
69	Sm3+ doped TiO2 nanoparticles synthesized from nanotubular precursors□uminescent and structural properties. *Journal of Luminescence*, **2013**, 143, 453-458	3.8	13
68	The influence of shaped TiO2 nanofillers on thermal properties of polyvinyl alcohol. *Journal of the Serbian Chemical Society*, **2012**, 77, 699-714	0.9	13
67	Influence of sodium dodecyl sulfate micelles on the kinetics of complex formation between Pd(H2O)42+ and glutathione. *Polyhedron*, **1997**, 16, 1157-1160	2.7	13
66	Antibacterial ability of immobilized silver nanoparticles in agar-agar films co-doped with magnesium ions. *Carbohydrate Polymers*, **2019**, 224, 115187	10.3	12
65	Hybrid visible-light responsive Al2O3 particles. *Chemical Physics Letters*, **2017**, 685, 416-421	2.5	12
64	Design and photocatalytic ability of ordered mesoporous TiO2 thin films. *Materials Research Bulletin*, **2014**, 57, 146-151	5.1	12
63	GaInP2 overgrowth and passivation of colloidal InP nanocrystals using metalorganic chemical vapor deposition. *Applied Physics Letters*, **2004**, 84, 780-782	3.4	12
62	Influence of acidity on the reaction between [PdCl(dien)]+ and L-cysteine or glutathione in the presence of sodium dodecyl sulfate micelles. *Journal of Physical Organic Chemistry*, **2005**, 18, 441-447	2.1	12
61	Visible light absorption of surface-modified Al2O3 powders: A comparative DFT and experimental study. *Microporous and Mesoporous Materials*, **2019**, 273, 41-49	5.3	11

60	Functionalized biogenic hydroxyapatite with 5-aminosalicylic acid sorbent for efficient separation of Pb2+ and Cu2+ ions. *Journal of Environmental Chemical Engineering*, **2017**, 5, 3759-3765	6.8	11
59	Characterization of in situ prepared nanocomposites of PS and TIO2 nanoparticles surface modified with alkyl gallates: Effect of alkyl chain length. *Polymer Composites*, **2013**, 34, 399-407	3	11
58	Novel properties of PES fabrics modified by corona discharge and colloidal TiO2 nanoparticles. *Polymers for Advanced Technologies*, **2011**, 22, 703-709	3.2	11
57	Influence of Fe2O3 nanorods on the thermal stability of poly(methyl methacrylate) synthesized by in situ bulk polymerisation of methyl methacrylate. *Polymer Degradation and Stability*, **2008**, 93, 77-83	4.7	11
56	Charge separation in heterostructures of InP nanocrystals with metal particles. *Journal of Physical Chemistry B*, **2005**, 109, 18243-9	3.4	11
55	Tailor made synthesis of Q-TiO2 powder by using quantum dots as building blocks. *Scripta Materialia*, **1998**, 10, 333-339		10
54	Influence of AlOOH nanoparticles on the oxidation of iodide by persulphate. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2003**, 223, 295-300	5.1	10
53	Room-temperature ferromagnetism in Ni2+ doped TiO2 nanocrystals synthesized from nanotubular precursors. *Journal of Alloys and Compounds*, **2014**, 589, 42-47	5.7	9
52	Charge-transfer complex formation between TiO2 nanoparticles and thiosalicylic acid: A comprehensive experimental and DFT study. *Optical Materials*, **2017**, 73, 163-171	3.3	9
51	Gas chromatography-mass spectrometry determination of isosorbide 5-mononitrate and related impurities in raw materials and dosage formulations. *Journal of Pharmaceutical and Biomedical Analysis*, **1997**, 16, 425-9	3.5	9
50	Kinetics of the reaction of S-carboxymethyl-L-cysteine with palladium(II) chloride. *Journal of Pharmaceutical and Biomedical Analysis*, **1995**, 13, 471-5	3.5	9
49	Synthesis and Structural Characterization of Nano-sized Copper Tungstate Particles. *Acta Chimica Slovenica*, **2012**, 59, 70-4	1.9	9
48	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	3.8	8
47	Structural and Optical Characterization of Flower-Like Rutile Nanostructures Doped with Fe3+. *Journal of the American Ceramic Society*, **2009**, 92, 894-896	3.8	8
46	Growth and quantum confinement in AgI nanowires. *Materials Letters*, **2007**, 61, 3522-3525	3.3	8
45	Electrical properties of a composite comprising epoxy resin and hematite nanorods. *Polymer*, **2008**, 49, 4000-4008	3.9	8
44	Early stages of mercuric iodide aggregation in aqueous solution. *Langmuir*, **1992**, 8, 299-302	4	8
43	Essential oil composition of hypericum atomarium boiss. *Hemijska Industrija*, **2004**, 58, 413-415	0.6	8

42	Antimicrobial and Photocatalytic Abilities of Ag2CO3 Nano-Rods. *ChemistrySelect*, **2017**, 2, 2931-2938	1.8	7
41	Colloidal-chemistry based synthesis of quantized CuInS2/Se2 nanoparticles. *Journal of the Serbian Chemical Society*, **2012**, 77, 789-797	0.9	7
40	Charge-transfer reactions of C60 in surfactant-based complex fluid media. *Chemical Physics Letters*, **1997**, 277, 335-339	2.5	7
39	Multiscale characterization of antimicrobial poly(vinyl butyral)/titania nanofibrous composites. *Polymers for Advanced Technologies*, **2017**, 28, 909-914	3.2	6
38	The photocatalytic performance of silver halides Silver carbonate heterostructures. *Journal of Photochemistry and Photobiology A: Chemistry*, **2017**, 336, 1-7	4.7	6
37	Crystal structure studies on plate/shelf like disodium ditungstate. *Bulletin of Materials Science*, **2013**, 36, 149-152	1.7	6
36	A study of the antibacterial efficiency and coloration of dyed polyamide and polyester fabrics modified with colloidal Ag nanoparticles. *Journal of the Serbian Chemical Society*, **2009**, 74, 349-357	0.9	6
35	Structure of Disodium Dimolybdate Synthesized Using Thermodynamically Stable Molybdenum (VI) Oxide Clusters as Precursors. *Journal of the American Ceramic Society*, **2009**, 92, 2467-2470	3.8	6
34	Enhanced photocorrosion stability of colloidal cadmium sulphide-silica nanocomposites. *Journal of Materials Science Letters*, **1999**, 18, 1583-1585		6
33	Corrosion processes in quantized semiconductor colloids studied by pulse radiolysis. *Journal of the Chemical Society Faraday Transactions I*, **1987**, 83, 1127		6
32	Influence of negative charge on the optical properties of a silver sol. *Journal of the Serbian Chemical Society*, **2000**, 65, 195-200	0.9	6
31	Selective Antimicrobial Performance of Biosynthesized Silver Nanoparticles by Horsetail Extract Against E. coli. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 2598-2607	3.2	6
30	Efficient photocatalytic hydrogen production over titanate/titania nanostructures modified with nickel. *Ceramics International*, **2019**, 45, 19447-19455	5.1	5
29	Antimicrobial activity of silver nanoparticles supported by magnetite. *ChemistrySelect*, **2019**, 4, 4018-4024	1.8	5
28	Silver film on nanocrystalline TiO2 support: Photocatalytic and antimicrobial ability. *Materials Research Bulletin*, **2014**, 60, 824-829	5.1	5
27	In situ synthesis of TiO2(B) nanotube/nanoparticle composite anode materials for lithium ion batteries. *Nanotechnology*, **2015**, 26, 425403	3.4	5
26	Ex-situ sensitization of ordered TiO2 nanotubes with CdS quantum dots. *Ceramics International*, **2015**, 41, 7048-7053	5.1	5
25	Sorption of divalent heavy metal ions onto functionalized biogenic hydroxyapatite with caffeic acid and 3,4-dihydroxybenzoic acid. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2019**, 54, 899-905	2.3	4

24	Visible-light-responsive Al2O3 powder: Photocatalytic study. *Optical Materials*, **2020**, 106, 110013	3.3	4
23	Observation of plasmon-enhanced optical extinction in silver-coated silver bromide nanoparticles. *Applied Physics Letters*, **1991**, 58, 2461-2463	3.4	4
22	Influence of the way of synthesis of poly(methyl methacrylate) in the presence of surface modified TiO2 nanoparticles on the properties of obtained nanocomposites. *Hemijska Industrija*, **2010**, 64, 473-489	0.6	4
21	Size-dependent antibacterial properties of Ag nanoparticles supported by amino-functionalized poly(GMA-co-EGDMA) polymer. *Polymer Composites*, **2019**, 40, 2901-2907	3	4
20	Organic–Inorganic Hybrid Nanomaterials: Synthesis, Characterization, and Application **2019**, 419-449		3
19	Spherical assemblies of titania nanotubes generated through aerosol processing. *Ceramics International*, **2015**, 41, 14754-14759	5.1	3
18	Electronic structure of surface complexes between CeO2 and benzene derivatives: A comparative experimental and DFT study. *Materials Chemistry and Physics*, **2019**, 236, 121816	4.4	3
17	Room-temperature luminescence of AgBr quantum dots. *Chemical Physics Letters*, **1999**, 299, 233-236	2.5	3
16	Gas chromatography-mass spectrometry study of isosorbide 5-mononitrate stability. *Journal of Chromatography A*, **1996**, 746, 286-288	4.5	3
15	Photocatalytic hydrogen evolution over surface-modified titanate nanotubes by 5-aminosalicylic acid decorated with silver nanoparticles. *Advanced Powder Technology*, **2020**, 31, 4683-4690	4.6	3
14	Experimental and theoretical investigation of electronic structure in colloidal indium phosphide quantum dots. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2003**, 1229-1232		2
13	Digital filtering applied to diode array fluorescence spectroscopy. *Analytical Chemistry*, **1991**, 63, 708-712	7.8	2
12	Influence of glucose, sucrose, and dextran coatings on the stability and toxicity of silver nanoparticles. *International Journal of Biological Macromolecules*, **2021**, 194, 461-461	7.9	2
11	Effect of fillers on parameters of dry and swollen polymer matrix networks. *Hemijska Industrija*, **2002**, 56, 415-421	0.6	2
10	Influence of hematite nanorods on the mechanical properties of epoxy resin. *Journal of the Serbian Chemical Society*, **2017**, 82, 437-447	0.9	2
9	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	0.9	2
8	Tuning Properties of Cerium Dioxide Nanoparticles by Surface Modification with Catecholate-type of Ligands. *Langmuir*, **2020**, 36, 9738-9746	4	2
7	Exploring electroactive microenvironments in polymer-based nanocomposites to sensitize bacterial cells to low-dose embedded silver nanoparticles. *Acta Biomaterialia*, **2021**,	10.8	2

6	Novel Low-Temperature Synthesis of Disodium Dimolybdate by Ultrasonic Spray Pyrolysis. *Journal of the American Ceramic Society*, **2007**, 90, 070922001308005-???	3.8	1
5	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	0.9	1
4	Influence of sodium dodecyl sulfate on the reaction between nile blue a and hydrogen peroxide. *Journal of the Serbian Chemical Society*, **1999**, 64, 359-364	0.9	1
3	Surface-modified ZrO2 nanoparticles with caffeic acid: Characterization and in vitro evaluation of biosafety for placental cells. *Chemico-Biological Interactions*, **2021**, 347, 109618	5	1
2	Interfacial charge transfer complex between TiO2 and non-aromatic ligand squaric acid. *Optical Materials*, **2022**, 123, 111918	3.3	0
1	Controlled Formation of Quantum Size Metal and Semiconductor Particles from Aqueous Solutions. *Materials Research Society Symposia Proceedings*, **1990**, 206, 303		