

Jovan M Nedeljkovic

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Interfacial charge transfer complex between TiO ₂ and non-aromatic ligand squaric acid. <i>Optical Materials</i> , 2022 , 123, 111918	3.3	0
166	Influence of glucose, sucrose, and dextran coatings on the stability and toxicity of silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021 , 194, 461-461	7.9	2
165	Exploring electroactive microenvironments in polymer-based nanocomposites to sensitize bacterial cells to low-dose embedded silver nanoparticles. <i>Acta Biomaterialia</i> , 2021 ,	10.8	2
164	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	5	1
163	Dextran-coated silver nanoparticles for improved barrier and controlled antimicrobial properties of nanocellulose films used in food packaging. <i>Food Packaging and Shelf Life</i> , 2020 , 26, 100575	8.2	22
162	Visible-light-responsive Al ₂ O ₃ powder: Photocatalytic study. <i>Optical Materials</i> , 2020 , 106, 110013	3.3	4
161	Enhanced Photocatalytic Performance of Surface-Modified TiO ₂ Nanofibers with Rhodizonic Acid. <i>Advanced Fiber Materials</i> , 2020 , 2, 118-122	10.9	54
160	Selective Antimicrobial Performance of Biosynthesized Silver Nanoparticles by Horsetail Extract Against E. coli. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 2598-2607	3.2	6
159	Photocatalytic hydrogen evolution over surface-modified titanate nanotubes by 5-aminosalicylic acid decorated with silver nanoparticles. <i>Advanced Powder Technology</i> , 2020 , 31, 4683-4690	4.6	3
158	Tuning Properties of Cerium Dioxide Nanoparticles by Surface Modification with Catecholate-type of Ligands. <i>Langmuir</i> , 2020 , 36, 9738-9746	4	2
157	Antibacterial ability of immobilized silver nanoparticles in agar-agar films co-doped with magnesium ions. <i>Carbohydrate Polymers</i> , 2019 , 224, 115187	10.3	12
156	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	3.3	13
155	Efficient photocatalytic hydrogen production over titanate/titania nanostructures modified with nickel. <i>Ceramics International</i> , 2019 , 45, 19447-19455	5.1	5
154	Organic-Inorganic Hybrid Nanomaterials: Synthesis, Characterization, and Application 2019 , 419-449		3
153	Sorption of divalent heavy metal ions onto functionalized biogenic hydroxyapatite with caffeic acid and 3,4-dihydroxybenzoic acid. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019 , 54, 899-905	2.3	4
152	Antimicrobial activity of silver nanoparticles supported by magnetite. <i>ChemistrySelect</i> , 2019 , 4, 4018-4024		5
151	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	5.3	11

150	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	4.4	3
149	Drug Delivery Systems for Diabetes Treatment. <i>Current Pharmaceutical Design</i> , 2019 , 25, 166-173	3.3	13
148	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	3.8	8
147	Efficiency of the interfacial charge transfer complex between TiO ₂ nanoparticles and caffeic acid against DNA damage in vitro: A combinatorial analysis. <i>Journal of the Serbian Chemical Society</i> , 2019 , 84, 539-553	0.9	1
146	Size-dependent antibacterial properties of Ag nanoparticles supported by amino-functionalized poly(GMA-co-EGDMA) polymer. <i>Polymer Composites</i> , 2019 , 40, 2901-2907	3	4
145	Acute toxicity study in mice of orally administrated TiO nanoparticles functionalized with caffeic acid. <i>Food and Chemical Toxicology</i> , 2018 , 115, 42-48	4.7	19
144	Pectin-based nanocomposite aerogels for potential insulated food packaging application. <i>Carbohydrate Polymers</i> , 2018 , 195, 128-135	10.3	50
143	Immobilization of dextranucrase on functionalized TiO supports. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 1216-1223	7.9	13
142	Antibacterial ability of supported silver nanoparticles by functionalized hydroxyapatite with 5-aminosalicylic acid. <i>Vacuum</i> , 2018 , 148, 62-68	3.7	22
141	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	0.9	2
140	Synthesis, characterization, and antimicrobial activity of silver nanoparticles on poly(GMA-co-EGDMA) polymer support. <i>Polymer Composites</i> , 2017 , 38, 1206-1214	3	14
139	Multiscale characterization of antimicrobial poly(vinyl butyral)/titania nanofibrous composites. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 909-914	3.2	6
138	Surface-modified TiO nanoparticles with ascorbic acid: Antioxidant properties and efficiency against DNA damage in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 155, 323-331	6	21
137	Antimicrobial and Photocatalytic Abilities of Ag ₂ CO ₃ Nano-Rods. <i>ChemistrySelect</i> , 2017 , 2, 2931-2938	1.8	7
136	The photocatalytic performance of silver halides Silver carbonate heterostructures. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 336, 1-7	4.7	6
135	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	3.3	9
134	Dextran coated silver nanoparticles - Chemical sensor for selective cysteine detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 184-191	6	41
133	Functionalized biogenic hydroxyapatite with 5-aminosalicylic acid Sorbent for efficient separation of Pb ²⁺ and Cu ²⁺ ions. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 3759-3765	6.8	11

132	Hybrid visible-light responsive Al ₂ O ₃ particles. <i>Chemical Physics Letters</i> , 2017 , 685, 416-421	2.5	12
131	Surface-modified TiO ₂ powders with phenol derivatives: A comparative DFT and experimental study. <i>Chemical Physics Letters</i> , 2017 , 686, 167-172	2.5	20
130	Influence of hematite nanorods on the mechanical properties of epoxy resin. <i>Journal of the Serbian Chemical Society</i> , 2017 , 82, 437-447	0.9	2
129	Non-contact thermometry with Dy ³⁺ doped Gd ₂ Ti ₂ O ₇ nano-powders. <i>Journal of Luminescence</i> , 2016 , 170, 395-400	3.8	55
128	Enhanced photoredox chemistry in surface-modified Mg ₂ TiO ₄ nano-powders with bidentate benzene derivatives. <i>RSC Advances</i> , 2016 , 6, 94780-94786	3.7	15
127	Photocatalytic Ability of Visible-Light-Responsive TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 18560-18569	3.8	31
126	Visible light absorption of surface modified TiO ₂ powders with bidentate benzene derivatives. <i>Microporous and Mesoporous Materials</i> , 2015 , 217, 184-189	5.3	32
125	Spherical assemblies of titania nanotubes generated through aerosol processing. <i>Ceramics International</i> , 2015 , 41, 14754-14759	5.1	3
124	In situ synthesis of TiO ₂ (B) nanotube/nanoparticle composite anode materials for lithium ion batteries. <i>Nanotechnology</i> , 2015 , 26, 425403	3.4	5
123	Ex-situ sensitization of ordered TiO ₂ nanotubes with CdS quantum dots. <i>Ceramics International</i> , 2015 , 41, 7048-7053	5.1	5
122	The effect of substituents on the surface modification of anatase nanoparticles with catecholate-type ligands: a combined DFT and experimental study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 20796-805	3.6	41
121	Silver film on nanocrystalline TiO ₂ support: Photocatalytic and antimicrobial ability. <i>Materials Research Bulletin</i> , 2014 , 60, 824-829	5.1	5
120	Interfacial synthesis and characterization of gold/polyaniline nanocomposites. <i>Synthetic Metals</i> , 2014 , 195, 122-131	3.6	33
119	The influence of triangular silver nanoplates on antimicrobial activity and color of cotton fabrics pretreated with chitosan. <i>Journal of Materials Science</i> , 2014 , 49, 4453-4460	4.3	23
118	Synthesis, characterization, and antimicrobial activity of poly(GMA-co-EGDMA) polymer decorated with silver nanoparticles. <i>Journal of Materials Science</i> , 2014 , 49, 6838-6844	4.3	23
117	Room-temperature ferromagnetism in Ni ²⁺ doped TiO ₂ nanocrystals synthesized from nanotubular precursors. <i>Journal of Alloys and Compounds</i> , 2014 , 589, 42-47	5.7	9
116	Characterization of silver/polystyrene nanocomposites prepared by in situ bulk radical polymerization. <i>Materials Research Bulletin</i> , 2014 , 49, 434-439	5.1	18
115	Temperature sensing with Eu ³⁺ doped TiO ₂ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2014 , 201, 46-50	8.5	96

114	Self-referenced luminescence thermometry with Sm(3+) doped TiO ₂ nanoparticles. <i>Nanotechnology</i> , 2014 , 25, 485501	3.4	53
113	Design and photocatalytic ability of ordered mesoporous TiO ₂ thin films. <i>Materials Research Bulletin</i> , 2014 , 57, 146-151	5.1	12
112	Crystal structure studies on plate/shelf like disodium ditungstate. <i>Bulletin of Materials Science</i> , 2013 , 36, 149-152	1.7	6
111	Sm ³⁺ doped TiO ₂ nanoparticles synthesized from nanotubular precursors—luminescent and structural properties. <i>Journal of Luminescence</i> , 2013 , 143, 453-458	3.8	13
110	In situ generation of Ag nanoparticles on polyester fabrics by photoreduction using TiO ₂ nanoparticles. <i>Journal of Materials Science</i> , 2013 , 48, 5447-5455	4.3	15
109	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. <i>Nanoscale</i> , 2013 , 5, 7601-12	7.7	36
108	Anisotropic silver nanoparticles as filler for the formation of hybrid nanocomposites. <i>Materials Research Bulletin</i> , 2013 , 48, 52-57	5.1	20
107	Ultrasonic spray pyrolysis of surface modified TiO ₂ nanoparticles with dopamine. <i>Materials Chemistry and Physics</i> , 2013 , 143, 233-239	4.4	32
106	Characterization of in situ prepared nanocomposites of PS and TiO ₂ nanoparticles surface modified with alkyl gallates: Effect of alkyl chain length. <i>Polymer Composites</i> , 2013 , 34, 399-407	3	11
105	Surface modification of submicronic TiO ₂ particles prepared by ultrasonic spray pyrolysis for visible light absorption. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	20
104	Influence of surface modified TiO ₂ nanoparticles by gallates on the properties of PMMA/TiO ₂ nanocomposites. <i>European Polymer Journal</i> , 2012 , 48, 1385-1393	5.2	37
103	Colloidal-chemistry based synthesis of quantized CuInS ₂ /Se ₂ nanoparticles. <i>Journal of the Serbian Chemical Society</i> , 2012 , 77, 789-797	0.9	7
102	Surface modification of anatase nanoparticles with fused ring catecholate type ligands: a combined DFT and experimental study of optical properties. <i>Nanoscale</i> , 2012 , 4, 1612-9	7.7	48
101	Structure and luminescence properties of Eu ³⁺ doped TiO ₂ nanocrystals and prolate nanospheroids synthesized by the hydrothermal processing. <i>Ceramics International</i> , 2012 , 38, 5629-5636	5.1	15
100	Silver/polystyrene nanocomposites: Optical and thermal properties. <i>Polymer Composites</i> , 2012 , 33, 782-788	3.8	21
99	Ferromagnetic polyaniline/TiO ₂ nanocomposites. <i>Polymer Composites</i> , 2012 , 33, 1482-1493	3	21
98	Characterization of poly(vinyl alcohol)/gold nanocomposites obtained by in situ gamma-irradiation method. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 1244-1251	2.9	16
97	Ligand mediated synthesis of AgInSe ₂ nanoparticles with tetragonal/orthorhombic crystal phases. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	15

96	The influence of shaped TiO ₂ nanofillers on thermal properties of polyvinyl alcohol. <i>Journal of the Serbian Chemical Society</i> , 2012 , 77, 699-714	0.9	13
95	The study of antibacterial activity and stability of dyed cotton fabrics modified with different forms of silver. <i>Journal of the Serbian Chemical Society</i> , 2012 , 77, 225-234	0.9	17
94	Synthesis and Structural Characterization of Nano-sized Copper Tungstate Particles. <i>Acta Chimica Slovenica</i> , 2012 , 59, 70-4	1.9	9
93	Glass transition and polymer dynamics in silver/poly(methyl methacrylate) nanocomposites. <i>European Polymer Journal</i> , 2011 , 47, 1514-1525	5.2	34
92	Functionalization of cotton fabrics with corona/air RF plasma and colloidal TiO ₂ nanoparticles. <i>Cellulose</i> , 2011 , 18, 811-825	5.5	75
91	Novel properties of PES fabrics modified by corona discharge and colloidal TiO ₂ nanoparticles. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 703-709	3.2	11
90	Multifunctional PES fabrics modified with colloidal Ag and TiO ₂ nanoparticles. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 2244-2249	3.2	18
89	Multifunctional properties of polyester fabrics modified by corona discharge/air RF plasma and colloidal TiO ₂ nanoparticles. <i>Polymer Composites</i> , 2011 , 32, 390-397	3	23
88	Self-assembled polyaniline nanotubes and nanoribbons/titanium dioxide nanocomposites. <i>Synthetic Metals</i> , 2010 , 160, 1325-1334	3.6	40
87	Improved properties of oxygen and argon RF plasma-activated polyester fabrics loaded with TiO ₂ nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 1700-6	9.5	38
86	Bactericidal Efficiency of Silver Nanoparticles Deposited onto Radio Frequency Plasma Pretreated Polyester Fabrics. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 7287-7293	3.9	61
85	Thermal and optical properties of silver/poly(methylmethacrylate) nanocomposites prepared by in-situ radical polymerization. <i>European Polymer Journal</i> , 2010 , 46, 137-144	5.2	44
84	Functionalization of polyester fabrics with alginates and TiO ₂ nanoparticles. <i>Carbohydrate Polymers</i> , 2010 , 79, 526-532	10.3	128
83	Influence of the way of synthesis of poly(methyl methacrylate) in the presence of surface modified TiO ₂ nanoparticles on the properties of obtained nanocomposites. <i>Hemijaska Industrija</i> , 2010 , 64, 473-489	9.6	4
82	A study of the antibacterial efficiency and coloration of dyed polyamide and polyester fabrics modified with colloidal Ag nanoparticles. <i>Journal of the Serbian Chemical Society</i> , 2009 , 74, 349-357	0.9	6
81	Thermal properties of PS/TiO ₂ nanocomposites obtained by in situ bulk radical polymerization of styrene. <i>Materials Letters</i> , 2009 , 63, 908-910	3.3	15
80	Synthesis and characterization of silver/poly(methylmethacrylate) nanocomposites. <i>Colloid and Polymer Science</i> , 2009 , 287, 847-851	2.4	46
79	Antifungal efficiency of corona pretreated polyester and polyamide fabrics loaded with Ag nanoparticles. <i>Journal of Materials Science</i> , 2009 , 44, 3983-3990	4.3	72

78	The study of coloration and antibacterial efficiency of corona activated dyed polyamide and polyester fabrics loaded with Ag nanoparticles. <i>Fibers and Polymers</i> , 2009 , 10, 650-656	2	18
77	Thermal properties of PMMA/TiO ₂ nanocomposites prepared by in-situ bulk polymerization. <i>Polymer Composites</i> , 2009 , 30, 737-742	3	41
76	Structural and Optical Characterization of Flower-Like Rutile Nanostructures Doped with Fe ³⁺ . <i>Journal of the American Ceramic Society</i> , 2009 , 92, 894-896	3.8	8
75	Structure of Disodium Dimolybdate Synthesized Using Thermodynamically Stable Molybdenum (VI) Oxide Clusters as Precursors. <i>Journal of the American Ceramic Society</i> , 2009 , 92, 2467-2470	3.8	6
74	The influence of silver content on antimicrobial activity and color of cotton fabrics functionalized with Ag nanoparticles. <i>Carbohydrate Polymers</i> , 2009 , 78, 564-569	10.3	135
73	Presence of Room Temperature Ferromagnetism in Co ²⁺ Doped TiO ₂ Nanoparticles Synthesized through Shape Transformation. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 21029-21033	3.8	24
72	Surface Modification of Colloidal TiO ₂ Nanoparticles with Bidentate Benzene Derivatives. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 12645-12652	3.8	185
71	New Hybrid Properties of TiO ₂ Nanoparticles Surface Modified With Catecholate Type Ligands. <i>Nanoscale Research Letters</i> , 2009 , 5, 81-88	5	93
70	Nanoparticle shape and configuration analysis by transmission electron tomography. <i>Journal of Microscopy</i> , 2008 , 230, 382-7	1.9	16
69	Influence of solvent on the structural and morphological properties of AgI particles prepared using ultrasonic spray pyrolysis. <i>Materials Chemistry and Physics</i> , 2008 , 107, 28-32	4.4	20
68	Photovoltaic characterization of hybrid solar cells using surface modified TiO ₂ nanoparticles and poly(3-hexyl)thiophene. <i>Nanotechnology</i> , 2008 , 19, 424009	3.4	44
67	Optical properties of shaped silver nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 3511-5	1.3	22
66	Photon energy up-conversion in colloidal TiO ₂ nanorods. <i>Optical Materials</i> , 2008 , 30, 1139-1144	3.3	18
65	Photoluminescence and far-infrared spectroscopy of PbS quantum dots [Polyvinyl alcohol nanocomposite. <i>Optical Materials</i> , 2008 , 30, 1177-1182	3.3	19
64	Electrical properties of a composite comprising epoxy resin and Hematite nanorods. <i>Polymer</i> , 2008 , 49, 4000-4008	3.9	8
63	Antibacterial effect of silver nanoparticles deposited on corona-treated polyester and polyamide fabrics. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 1816-1821	3.2	135
62	Influence of Fe ₂ O ₃ nanorods on the thermal stability of poly(methyl methacrylate) synthesized by in situ bulk polymerisation of methyl methacrylate. <i>Polymer Degradation and Stability</i> , 2008 , 93, 77-83	4.7	11
61	Dynamic thermogravimetric degradation of gamma radiolytically synthesized Ag/PVA nanocomposites. <i>Thermochimica Acta</i> , 2007 , 460, 28-34	2.9	25

60	Radiolytic synthesis and characterization of Ag-PVA nanocomposites. <i>European Polymer Journal</i> , 2007 , 43, 2171-2176	5.2	74
59	In situ radical polymerization of methyl methacrylate in a solution of surface modified TiO ₂ and nanoparticles. <i>European Polymer Journal</i> , 2007 , 43, 3719-3726	5.2	73
58	The influence of FeOOH nanorods on the thermal stability of poly(methyl methacrylate). <i>Polymer Degradation and Stability</i> , 2007 , 92, 70-74	4.7	30
57	Novel Low-Temperature Synthesis of Disodium Dimolybdate by Ultrasonic Spray Pyrolysis. <i>Journal of the American Ceramic Society</i> , 2007 , 90, 070922001308005-???	3.8	1
56	Growth and quantum confinement in AgI nanowires. <i>Materials Letters</i> , 2007 , 61, 3522-3525	3.3	8
55	Synthesis and characterization of shaped ZnS nanocrystals in water in oil microemulsions. <i>Materials Letters</i> , 2007 , 61, 4396-4399	3.3	27
54	Fabrication of Ag-PVA hydrogel nanocomposite by γ irradiation. <i>Polymer Bulletin</i> , 2007 , 58, 271-279	2.4	55
53	Formation of silver iodide particles from thermodynamically stable clusters using ultrasonic spray pyrolysis. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 927-929	6	14
52	Synthesis and characterization of nanocomposite of polyvinyl alcohol and lead sulfide nanoparticles. <i>Materials Chemistry and Physics</i> , 2006 , 95, 67-71	4.4	76
51	Photoluminescence of anatase and rutile TiO ₂ particles. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 25366-70	5.4	340
50	Self-assembly of linear arrays of semiconductor nanoparticles on carbon single-walled nanotubes. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 25153-7	3.4	24
49	The influence of hematite nano-crystals on the thermal stability of polystyrene. <i>Polymer Degradation and Stability</i> , 2006 , 91, 313-316	4.7	21
48	Raman spectroscopy of Cd _{1-x} Mn _x S quantum dots. <i>Journal Physics D: Applied Physics</i> , 2005 , 38, 4321-4324	3	20
47	Charge separation in heterostructures of InP nanocrystals with metal particles. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 18243-9	3.4	11
46	Quenching of semiconductor quantum dot photoluminescence by a pi-conjugated polymer. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 15927-32	3.4	63
45	Photocatalytic reduction of cadmium on TiO ₂ nanoparticles modified with amino acids. <i>Chemical Physics Letters</i> , 2005 , 407, 110-113	2.5	22
44	Influence of acidity on the reaction between [PdCl(dien)] ⁺ and L-cysteine or glutathione in the presence of sodium dodecyl sulfate micelles. <i>Journal of Physical Organic Chemistry</i> , 2005 , 18, 441-447	2.1	12
43	GaInP ₂ overgrowth and passivation of colloidal InP nanocrystals using metalorganic chemical vapor deposition. <i>Applied Physics Letters</i> , 2004 , 84, 780-782	3.4	12

42	Bioconjugation of (CdSe)ZnS Quantum Dots Using a Genetically Engineered Multiple Polyhistidine Tagged Cohesin/Dockerin Protein Polymer. <i>Macromolecular Materials and Engineering</i> , 2004 , 289, 622-628	3.9	16
41	Size Dependent Femtosecond Electron Cooling Dynamics in CdSe Quantum Rods. <i>Nano Letters</i> , 2004 , 4, 1089-1092	11.5	47
40	Growth of InP nanostructures via reaction of indium droplets with phosphide ions: synthesis of InP quantum rods and InP-TiO ₂ composites. <i>Journal of the American Chemical Society</i> , 2004 , 126, 2632-9	16.4	70
39	Essential oil composition of hypericum atomarium boiss. <i>Hemijška Industrija</i> , 2004 , 58, 413-415	0.6	8
38	Photoenhancement of Luminescence in Colloidal CdSe Quantum Dot Solutions. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 11346-11352	3.4	300
37	Influence of Fe ₂ O ₃ -filler on the thermal properties of polystyrene. <i>Journal of Materials Science Letters</i> , 2003 , 22, 235-237		29
36	Fabrication and Characterization of Silver Polyvinyl Alcohol Nanocomposites. <i>Chemistry of Materials</i> , 2003 , 15, 5019-5024	9.6	512
35	Photochemical degradation of solid-state nisoldipine monitored by HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 929-35	3.5	32
34	Influence of sodium dodecyl sulfate on the kinetics of complex formation between [PdCl(dien)] ⁺ and sulfur containing ligands l-cysteine and glutathione. <i>Polyhedron</i> , 2003 , 22, 279-285	2.7	17
33	Influence of AlOOH nanoparticles on the oxidation of iodide by persulphate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 223, 295-300	5.1	10
32	Experimental and theoretical investigation of electronic structure in colloidal indium phosphide quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003 , 1229-1232		2
31	Synthesis and Characterization of Colloidal InP Quantum Rods. <i>Nano Letters</i> , 2003 , 3, 833-837	11.5	82
30	Quantum Dot Molecules Assembled with Genetically Engineered Proteins. <i>Nano Letters</i> , 2003 , 3, 1581-1585	11.5	59
29	Theoretical and experimental investigation of electronic structure and relaxation of colloidal nanocrystalline indium phosphide quantum dots. <i>Physical Review B</i> , 2003 , 67,	3.3	24
28	Spectrophotometric determination of alendronate in pharmaceutical formulations via complex formation with Fe(III) ions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 28, 1215-20	3.5	111
27	Influence of CdS-filler on the thermal properties of polystyrene. <i>European Polymer Journal</i> , 2002 , 38, 1659-1662	5.2	40
26	TiO ₂ films prepared by ultrasonic spray pyrolysis of nanosize precursor. <i>Materials Letters</i> , 2002 , 54, 298-302	3.02	65
25	Effect of fillers on parameters of dry and swollen polymer matrix networks. <i>Hemijška Industrija</i> , 2002 , 56, 415-421	0.6	2

24	Stress relaxation in hematite nanoparticles-polystyrene composites. <i>Macromolecular Rapid Communications</i> , 2000 , 21, 994-997	4.8	31
23	Synthesis and characterization of CdS quantum dots-polystyrene composite. <i>Chemical Physics Letters</i> , 2000 , 329, 168-172	2.5	53
22	Influence of negative charge on the optical properties of a silver sol. <i>Journal of the Serbian Chemical Society</i> , 2000 , 65, 195-200	0.9	6
21	Influence of additives on the properties of spherical nickel particles prepared by ultrasonic spray pyrolysis. <i>Journal of Materials Research</i> , 1999 , 14, 3059-3065	2.5	24
20	X-ray absorption reveals surface structure of titanium dioxide nanoparticles. <i>Journal of Synchrotron Radiation</i> , 1999 , 6, 445-7	2.4	100
19	Room-temperature luminescence of AgBr quantum dots. <i>Chemical Physics Letters</i> , 1999 , 299, 233-236	2.5	3
18	Enhanced photocorrosion stability of colloidal cadmium sulphide-silica nanocomposites. <i>Journal of Materials Science Letters</i> , 1999 , 18, 1583-1585		6
17	Influence of sodium dodecyl sulfate on the reaction between Nile blue A and hydrogen peroxide. <i>Journal of the Serbian Chemical Society</i> , 1999 , 64, 359-364	0.9	1
16	Tailor made synthesis of Q-TiO ₂ powder by using quantum dots as building blocks. <i>Scripta Materialia</i> , 1998 , 10, 333-339		10
15	Gas chromatography-mass spectrometry determination of isosorbide 5-mononitrate and related impurities in raw materials and dosage formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997 , 16, 425-9	3.5	9
14	Influence of sodium dodecyl sulfate micelles on the kinetics of complex formation between Pd(H ₂ O) ₄ ²⁺ and glutathione. <i>Polyhedron</i> , 1997 , 16, 1157-1160	2.7	13
13	Radiation induced synthesis of molecularly imprinted polymers. <i>Polymer</i> , 1997 , 38, 2853-2855	3.9	38
12	Charge-transfer reactions of C ₆₀ in surfactant-based complex fluid media. <i>Chemical Physics Letters</i> , 1997 , 277, 335-339	2.5	7
11	Gas chromatography-mass spectrometry study of isosorbide 5-mononitrate stability. <i>Journal of Chromatography A</i> , 1996 , 746, 286-288	4.5	3
10	Kinetics of the reaction of S-carboxymethyl-L-cysteine with palladium(II) chloride. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995 , 13, 471-5	3.5	9
9	Surface modification of nanometer-scale silver particles by imidazole. <i>Langmuir</i> , 1993 , 9, 980-983	4	70
8	Enhanced Redox Chemistry in Quantized Semiconductor Colloids. <i>Israel Journal of Chemistry</i> , 1993 , 33, 59-65	3.4	17
7	The Synthesis of Quantum Size Lead Sulfide Particles in Surfactant-Based Complex Fluid Media. <i>Journal of Colloid and Interface Science</i> , 1993 , 161, 316-320	9.3	26

6	Early stages of mercuric iodide aggregation in aqueous solution. <i>Langmuir</i> , 1992 , 8, 299-302	4	8
5	Photochemical preparation and unusual optical absorption of nanometer size metallic silver particles. <i>Journal of Colloid and Interface Science</i> , 1992 , 150, 81-83	9.3	15
4	Observation of plasmon-enhanced optical extinction in silver-coated silver bromide nanoparticles. <i>Applied Physics Letters</i> , 1991 , 58, 2461-2463	3.4	4
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