

Du-Jeon Jang

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133
papers

3,432
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134
ext. papers

3,652
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
133	Imidazole-based excited-state intramolecular proton-transfer materials: synthesis and amplified spontaneous emission from a large single crystal. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10070-4	16.4	271
132	Design of visible-light photocatalysts by coupling of narrow bandgap semiconductors and TiO ₂ : effect of their relative energy band positions on the photocatalytic efficiency. <i>Catalysis Science and Technology</i> , 2013 , 3, 1822	5.5	167
131	Preparation of Au@Ag Shell Nanorods and Characterization of Their Surface Plasmon Resonances. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 7871-7873	3.4	154
130	Formation and Distinctive Decay Times of Surface- and Lattice-Bound Mn ²⁺ Impurity Luminescence in ZnS Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 4128-4132	3.4	127
129	Excited-state triple proton transfer of 7-hydroxyquinoline along a hydrogen-bonded alcohol chain: vibrationally assisted proton tunneling. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 415-9	16.4	85
128	Hydrothermal route to ZnO nanocoral reefs and nanofibers. <i>Applied Physics Letters</i> , 2004 , 84, 287-289	3.4	83
127	Asymmetric double proton transfer of excited 1:1 7-azaindole/alcohol complexes with anomalously large and temperature-independent kinetic isotope effects. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5792-6	16.4	82
126	Proton Transfers of Aqueous 7-Hydroxyquinoline in the First Excited Singlet, Lowest Triplet, and Ground States. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 7537-7541		81
125	Laser-induced nanowelding of gold nanoparticles. <i>Applied Physics Letters</i> , 2005 , 86, 033112	3.4	77
124	Facile fabrication of hollow Pt/Ag nanocomposites having enhanced catalytic properties. <i>Applied Catalysis B: Environmental</i> , 2011 , 103, 253-260	21.8	67
123	Ultraviolet Emission of ZnS Nanoparticles Confined within a Functionalized Mesoporous Host. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 11509-11513	3.4	62
122	Accumulated proton-donating ability of solvent molecules in proton transfer. <i>Journal of the American Chemical Society</i> , 2010 , 132, 297-302	16.4	58
121	Synthesis and Characterization of Highly Luminescent CdS@ZnS Core/Shell Nanorods. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 18507-18511	3.8	56
120	Catalytic Roles of Water Protropic Species in the Tautomerization of Excited 6-Hydroxyquinoline: Migration of Hydrated Proton Clusters. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 4328-4332	2.8	56
119	High-performance ultraviolet photodetectors based on solution-grown ZnS nanobelts sandwiched between graphene layers. <i>Scientific Reports</i> , 2015 , 5, 12345	4.9	55
118	Excited-state tautomerization dynamics of 7-hydroxyquinoline in beta-cyclodextrin. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 3938-43	3.4	53
117	Facile fabrication of porous ZnS nanostructures with a controlled amount of S vacancies for enhanced photocatalytic performances. <i>Nanoscale</i> , 2018 , 10, 14254-14263	7.7	50

116	Photofragmentation Dynamics of n-Dodecanethiol-Derivatized Silver Nanoparticles in Cyclohexane. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 8153-8159	3-4	49
115	Excited-state double proton transfer of 7-azaindole in water nanopools. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 20479-84	3-4	48
114	Biphasic tautomerization dynamics of excited 7-hydroxyquinoline in reverse micelles. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 11997-2004	3-4	45
113	Composition Variation and Thermal Treatment of ZnxCd1-xS Alloy Nanoparticles to Exhibit Controlled and Efficient Luminescence. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6452-6457	3-8	44
112	Graphene quantum dots-decorated ZnS nanobelts with highly efficient photocatalytic performances. <i>RSC Advances</i> , 2016 , 6, 24115-24120	3-7	44
111	Hierarchical mesoporous anatase TiO ₂ nanostructures with efficient photocatalytic and photovoltaic performances. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 9714-9721	13	42
110	Facile microwave fabrication of CdS nanobubbles with highly efficient photocatalytic performances. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5791	13	42
109	Proton transport of water in acid-base reactions of 7-hydroxyquinoline. <i>Chemical Communications</i> , 2009 , 926-8	5-8	40
108	One-Pot and Template-Free Fabrication of ZnS[(ethylenediamine) _{0.5}] Hybrid Nanobelts. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10296-10302	3-8	38
107	Unusually Large Tunneling Effect on the Proton Transfer of Aqueous 7-Hydroxyquinoline. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 12698-12700		37
106	Triple proton transfer of excited 7-hydroxyquinoline along a hydrogen-bonded water chain in ethers: secondary solvent effect on the reaction rate. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 1611-7	4-2	36
105	Excited-State Intramolecular Proton Transfer via a Preexisting Hydrogen Bond in Semirigid Polyquinoline. <i>Macromolecules</i> , 2000 , 33, 7223-7225	5-5	35
104	Highly efficient photocatalytic performances of SnO ₂ -deposited ZnS nanorods based on interfacial charge transfer. <i>Applied Catalysis B: Environmental</i> , 2017 , 205, 433-442	21-8	34
103	Proton transfer of excited 7-azaindole in reverse-micellar methanol nanopools: even faster than in bulk methanol. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 8049-52	3-4	32
102	Migration of Protons during the Excited-State Tautomerization of Aqueous 3-Hydroxyquinoline. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 5932-5937	2-8	31
101	Fabrication, spectroscopy, and dynamics of highly luminescent core-shell InP@ZnSe quantum dots. <i>Journal of Colloid and Interface Science</i> , 2010 , 350, 5-9	9-3	30
100	One-step fabrication of well-defined hollow CdS nanoboxes. <i>Chemical Communications</i> , 2008 , 5218-20	5-8	29
99	Ground-State Proton Transfer of 7-Hydroxyquinoline Confined in Biologically Relevant Water Nanopools. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 16110-16115	3-8	28

- 98 Hydrothermal fabrication of well-ordered ZnO nanowire arrays on Zn foil: room temperature ultraviolet nanolasers. *Journal of Nanoparticle Research*, **2011**, 13, 6699-6706 2.3 27
- 97 Soft-solution route to ZnO nanowall array with low threshold power density. *Applied Physics Letters*, **2010**, 97, 043109 3.4 27
- 96 Laser-induced mutual transposition of the core and the shell of a Au@Pt nanosphere. *Journal of Physical Chemistry B*, **2006**, 110, 5486-9 3.4 27
- 95 Visible-light photocatalytic reduction of Cr(VI) via carbon quantum dots-decorated TiO₂ nanocomposites. *Journal of Environmental Chemical Engineering*, **2018**, 6, 1-8 6.8 27
- 94 Facile fabrication of platinum nanobubbles having efficient catalytic degradation performances. *Applied Catalysis B: Environmental*, **2013**, 142-143, 323-328 21.8 25
- 93 Crystallization-Induced Emission Enhancement and Amplified Spontaneous Emission from a CF₃-Containing Excited-State Intramolecular-Proton-Transfer Molecule. *Advanced Optical Materials*, **2017**, 5, 1700353 8.1 25
- 92 Annealing-free preparation of anatase TiO₂ nanopopcorns on Ti foil via a hydrothermal process and their photocatalytic and photovoltaic applications. *Journal of Materials Chemistry A*, **2013**, 1, 5982 13 25
- 91 Excited-state proton-relay dynamics of 7-hydroxyquinoline embedded in a solid matrix of poly(2-hydroxyethyl methacrylate). *ChemPhysChem*, **2003**, 4, 1079-83 3.2 25
- 90 Metal-enhanced fluorescence of gold nanoclusters adsorbed onto Ag@SiO₂ core-shell nanoparticles. *Journal of Materials Chemistry C*, **2017**, 5, 6037-6046 7.1 24
- 89 Formation Mechanism of Anthracene Dimers and Excimers in NaY Zeolitic Nanocavities. *Journal of Physical Chemistry B*, **2004**, 108, 3970-3974 3.4 24
- 88 Morphological variation of anatase TiO₂ crystals via formation of titanium glycerolate precursors under microwave irradiation. *CrystEngComm*, **2015**, 17, 3325-3332 3.3 23
- 87 Facile hydrothermal fabrication of hollow hexagonal hydroxyapatite prisms. *CrystEngComm*, **2011**, 13, 5455 3.3 23
- 86 Excited-state double proton transfer dynamics of model DNA base pairs: 7-hydroxyquinoline dimers. *Journal of Physical Chemistry A*, **2010**, 114, 11432-5 2.8 22
- 85 Hydrothermal growth control of ZnSe@Ni₂H₄ nanobelts. *CrystEngComm*, **2010**, 12, 1803 3.3 22
- 84 Phototransformation of Alkanethiol-derivatized Noble Metal Nanoparticle. *Pure and Applied Chemistry*, **2000**, 72, 91-99 2.1 22
- 83 Precursor-dependent shape variation of wurtzite CdSe crystals in a microwave-assisted polyol process. *CrystEngComm*, **2012**, 14, 6946 3.3 21
- 82 Solvent effect on the excited-state proton transfer of 7-hydroxyquinoline along a hydrogen-bonded ethanol dimer. *Physical Chemistry Chemical Physics*, **2011**, 13, 6332-9 3.6 21
- 81 Facile synthesis of composition-gradient Cd_{1-x}Zn_xS quantum dots by cation exchange for controlled optical properties. *Journal of Materials Chemistry C*, **2015**, 3, 3286-3293 7.1 20

80	Morphology-tunable synthesis of ZnO microstructures under microwave irradiation: formation mechanisms and photocatalytic activity. <i>CrystEngComm</i> , 2016 , 18, 898-906	3.3	20
79	Charge-carrier relaxation dynamics of poly(3-hexylthiophene)-coated gold hybrid nanoparticles. <i>Polymer</i> , 2014 , 55, 5469-5476	3.9	20
78	A facile growth mechanism of wurtzite ZnS nanostructures showing intense ultraviolet luminescence. <i>CrystEngComm</i> , 2014 , 16, 6989	3.3	19
77	Laser-Induced Nanowelding of Linearly Assembled and Silica-Coated Gold Nanorods to Fabricate [email[protected]]2 CoreShell Nanowires. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 5961-5967	3.8	19
76	Silica-coated silver/gold composite nanoboxes having enhanced catalytic performances and reusability. <i>Applied Catalysis A: General</i> , 2014 , 469, 380-386	5.1	18
75	Light-treated silica-coated gold nanorods having highly enhanced catalytic performances and reusability. <i>Journal of Molecular Catalysis A</i> , 2014 , 385, 38-45		18
74	Electrophoretic separation of gold nanoparticles according to bifunctional molecules-induced charge and size. <i>Electrophoresis</i> , 2013 , 34, 911-6	3.6	18
73	Direct observation of conformation-dependent pathways in the excited-state proton transfer of 7-hydroxyquinoline in bulk alcohols. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 14153-8	3.4	17
72	Photolysis Dynamics of Benzyl Phenyl Sulfide Adsorbed on Silver Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 880-882	3.4	17
71	Preparation of anatase TiO ₂ nanotube arrays dominated by highly reactive facets via anodization for high photocatalytic performances. <i>New Journal of Chemistry</i> , 2016 , 40, 8737-8744	3.6	17
70	Dislocation-driven growth of porous CdSe nanorods from CdSe[(ethylenediamine)(0.5) nanorods. <i>Nanoscale</i> , 2016 , 8, 403-10	7.7	16
69	Photo-induced proton-transfer cycle of 2-naphthol in faujasite zeolitic nanocavities. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 153-8	3.6	16
68	Coulomb blockade effect and negative differential resistance in the electronic transport of bacteriorhodopsin. <i>Applied Physics Letters</i> , 2009 , 94, 153301	3.4	15
67	Laser-induced fabrication of platinum nanoshells having enhanced catalytic and Raman properties. <i>Applied Catalysis A: General</i> , 2011 , 393, 317-322	5.1	15
66	Excited-state proton-transfer dynamics of 1-methyl-6-hydroxyquinolinium embedded in a solid matrix of poly(2-hydroxyethyl methacrylate). <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 6703-7	3.6	15
65	Excited-state proton transfer and geminate recombination in the molecular cage of Cyclodextrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008 , 194, 105-109	4.7	15
64	Excited-State Triple Proton Transfer of 7-Hydroxyquinoline along a Hydrogen-Bonded Alcohol Chain: Vibrationally Assisted Proton Tunneling. <i>Angewandte Chemie</i> , 2006 , 118, 429-433	3.6	15
63	Laser-induced fabrication of porous gold nanoshells. <i>Nanoscale</i> , 2018 , 10, 20108-20112	7.7	15

62	Dimeric capsules with a nanoscale cavity for [60]fullerene encapsulation. <i>Chemistry - A European Journal</i> , 2008 , 14, 5353-9	4.8	14
61	Time-resolved Eu luminescence spectra and kinetics at various Y zeolitic environments. <i>Catalysis Letters</i> , 1999 , 57, 221-226	2.8	14
60	Facile fabrication of CuO/Cu ₂ O composites with high catalytic performances. <i>New Journal of Chemistry</i> , 2017 , 41, 2964-2972	3.6	13
59	Highly Efficient Catalytic Performances of Eco-Friendly Grown Silver Nanoshells. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 4130-4138	3.8	13
58	Ground-state proton-transfer dynamics governed by configurational optimization. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 3730-6	3.6	13
57	Laser-Induced Fabrication of [email[protected]] CoreShell Nanowires. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 672-675	3.8	13
56	Facile Controlled Synthesis and Spectroscopy of CdS _{1-x} Se _x Alloy and (CdS) _{1-x} /(CdSe) _x CoreShell Nanotetrapods. <i>Advanced Functional Materials</i> , 2009 , 19, 3910-3916	15.6	13
55	Impurity Location-Dependent Relaxation Dynamics of Cu:CdS Quantum Dots. <i>Nanoscale Research Letters</i> , 2017 , 12, 49	5	12
54	Non-doped thermally activated delayed fluorescent organic light-emitting diodes using an intra- and intermolecular exciplex system with a meta-linked acridine-triazine conjugate. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9049-9054	7.1	12
53	Controlled optical properties of water-soluble CdTe/CdS/ZnS quantum dots. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	12
52	Fabrication of Copper Oxide Nanoboxes Containing a Platinum Nanocluster via an Optical and Galvanic Route. <i>Crystal Growth and Design</i> , 2010 , 10, 257-261	3.5	12
51	Hybridized surface-plasmon resonances of platinum colloid-adsorbed gold nanospheres. <i>Materials Letters</i> , 2008 , 62, 4500-4502	3.3	12
50	Morphology evolution of Ag/Au nanocomposites via temperature-controlled galvanic exchange to enhance catalytic activity. <i>RSC Advances</i> , 2017 , 7, 7718-7724	3.7	11
49	Facile photohydroxylation of ZnS nanobelts for enhanced photocatalytic activity. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 228-235	6.8	11
48	Facile fabrication of anatase TiO ₂ nanotube arrays having high photocatalytic and photovoltaic performances by anodization of titanium in mixed viscous solvents. <i>Journal of Materials Science</i> , 2014 , 49, 3414-3422	4.3	11
47	Direct observation of valence band splitting using room temperature photoluminescence of CdS hollow microspheres. <i>Chemical Communications</i> , 2013 , 49, 8940-2	5.8	11
46	Excited-state intramolecular proton-transfer-induced charge transfer of polyquinoline. <i>Photochemistry and Photobiology</i> , 2010 , 86, 1197-201	3.6	11
45	Excited-State Proton Transfer and Geminate Recombination in Hydrogels Based on Self-Assembled Peptide Nanotubes. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 24763-24770	3.8	11

44	Preparation and Characterization of Titania/ZnS Core-shell Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 180-184	1.3	11
43	Facile fabrication of Cu-exchanged ZnS nanoadsorbents for highly efficient removal of contaminants. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 4431-4440	6.8	10
42	Excited-state hydrogen relay along a blended-alcohol chain as a model system of a proton wire: deuterium effect on the reaction dynamics. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 8885-91	3.6	10
41	Anomalously slow proton transport of a water molecule. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 6023-31	3.4	10
40	Laser-Induced Fabrication of Hollow Platinum Nanospheres for Enhanced Catalytic Performances. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 22792-22798	3.8	9
39	Facile one-step hydrothermal fabrication of single-crystalline ZnS nanobelts with narrow band-edge luminescence. <i>RSC Advances</i> , 2013 , 3, 16945	3.7	9
38	Laser-induced growth and reformation of gold and silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 2023-2030	2.3	9
37	Excited-state double proton transfer of 7-azaindole dimers in a low-temperature organic glass. <i>Photochemistry and Photobiology</i> , 2011 , 87, 766-71	3.6	8
36	Excited-state prototropic equilibrium dynamics of 6-hydroxyquinoline encapsulated in microporous catalytic faujasite zeolites. <i>Chemistry - A European Journal</i> , 2010 , 16, 12609-15	4.8	8
35	Preferentially linear connection of gold nanoparticles in derivatization with phosphorothioate oligonucleotides. <i>Journal of Colloid and Interface Science</i> , 2008 , 326, 387-91	9.3	8
34	Asymmetric Double Proton Transfer of Excited 1:1 7-Azaindole/Alcohol Complexes with Anomalously Large and Temperature-Independent Kinetic Isotope Effects. <i>Angewandte Chemie</i> , 2004 , 116, 5916-5920	3.6	7
33	Photodeposition of gold nanoparticles on ZnS nanobelts for enhanced dye decomposition. <i>Materials Research Bulletin</i> , 2019 , 116, 32-39	5.1	6
32	Laser-induced fabrication of Ag@SiO ₂ @Ag sandwich nanostructures having enhanced catalytic performances. <i>RSC Advances</i> , 2015 , 5, 64268-64273	3.7	6
31	Formation and decay of charge carriers in aggregate nanofibers consisting of poly(3-hexylthiophene)-coated gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 2087-96	2.6	6
30	Excited-state proton-relay dynamics of 7-hydroxyquinoline controlled by solvent reorganization in room temperature ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 218-24	3.6	6
29	Ground-state proton transport along a blended-alcohol chain: accelerated by accumulated proton-donating ability. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 10915-21	3.4	6
28	Laser-induced shape transformation and electrophoretic analysis of triangular silver nanoplates. <i>Journal of Separation Science</i> , 2009 , 32, 4161-6	3.4	6
27	Triplet-state acid-base reactions of 1-methyl-7-oxyquinolinium in water. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 10589-92	2.8	6

26	A new photobase generator containing oxime-urethane group and its application. <i>Macromolecular Symposia</i> , 1999 , 142, 173-183	0.8	5
25	Surface-enhanced Raman scattering and photothermal effect of hollow Au nanourchins with well-defined cavities. <i>Journal of Nanoparticle Research</i> , 2020 , 22, 1	2.3	5
24	Hollow and inward-bumpy gold nanoshells fabricated using expanded silica mesopores as templates. <i>New Journal of Chemistry</i> , 2019 , 43, 9732-9739	3.6	4
23	Concerted and asynchronous mechanism of ground state proton transfer in alcohol mediated 7-hydroxyquinoline. <i>Chemical Physics</i> , 2015 , 456, 8-12	2.3	4
22	Rapid Stepwise Growth of Water-Dispersive CdS Quantum Dots in Ethylene Glycol. <i>Crystal Growth and Design</i> , 2018 , 18, 4945-4951	3.5	4
21	Laser-induced silver nanojoining of gold nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 5777-82	1.3	4
20	Template-Based Electrochemically Controlled Growth of Segmented Multimetal Nanorods. <i>Journal of Nanomaterials</i> , 2010 , 2010, 1-7	3.2	4
19	Controlled Aspect Ratios of Gold Nanorods in Reduction-Limited Conditions. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-7	3.2	4
18	ZnS Nanoparticle Treatment to Enhance its Luminescence, Shape, and Stability. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 377, 85-88	0.5	4
17	Au-C/SiO ₂ nanocomposites with enhanced peroxidase-like activity for colorimetric and fluorometric detection of hydrogen peroxide. <i>Materials Research Bulletin</i> , 2019 , 120, 110578	5.1	3
16	Fabrication of plasmonic silver nanoparticle arrays by laser-induced dewetting of commercial silver paste. <i>Optics and Laser Technology</i> , 2019 , 112, 151-158	4.2	3
15	Preparation, Characterization, and Photolysis of Dodecanethiol-Derivatized Noble Metal Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 337, 209-212		3
14	Facile fabrication of reusable FeOOH-polycarbonate membranes for effective separation of organic molecules. <i>Separation and Purification Technology</i> , 2020 , 253, 117513	8.3	3
13	Boosting Visible-Light Photocatalytic Redox Reaction by Charge Separation in SnO /ZnSe(N H) Heterojunction Nanocatalysts. <i>Chemistry - A European Journal</i> , 2020 , 26, 10510-10518	4.8	3
12	A colloidal system of polythiophene-grafted edge-gold-coated silver nanoprisms with enhanced optical properties and stability. <i>New Journal of Chemistry</i> , 2017 , 41, 160-167	3.6	2
11	Effects of gold nanorods on the excited-state dynamics and photovoltaic performances of hybrid nanocomposites containing poly(3-hexylthiophene). <i>Journal of Materials Science</i> , 2016 , 51, 9669-9678	4.3	2
10	Photodeposition of gold nanoparticles on silica nanospheres using carbon dots as excellent electron donors. <i>New Journal of Chemistry</i> , 2018 , 42, 14717-14720	3.6	2
9	Electric field effect on the ground state proton transfer in the H-bonded HBDI complex: an implication of the green fluorescent protein. <i>RSC Advances</i> , 2014 , 4, 26543-26551	3.7	2

8	Excited-state dynamics of an amphiphilic diblock copolymer self-assembled from mixed solvents. <i>Polymer</i> , 2016 , 99, 122-129	3.9	2
7	One-step polypyrrole coating of self-assembled silver nanoprisms for enhanced stability and Raman scattering. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	1
6	Cyclic Intramolecular Proton Transfer Dynamics of Polyquinoline. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 377, 305-308	0.5	1
5	Anomalous Acid-Base Equilibria in Biologically Relevant Water Nanopools. <i>Bulletin of the Korean Chemical Society</i> , 2012 , 33, 3493-3496	1.2	1
4	Efficient Addition of Desired Carboxylate Ligands to CdSe Quantum Dots Passivated with Phosphonic Acids. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 22929-22936	3.8	1
3	Photothermal structural modification of porous gold nanoshells pulsed-laser irradiation: effects of laser wavelengths and surface conditions. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 23333-23341	3.6	1
2	Enhanced photocatalytic performances of cocrystalline TiO ₂ nanoblossoms by the effect of nanoscale p-n junctions. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	
1	Polymer-Mediated Proton Transfers of 7-Azaindole Embedded in Poly(2-hydroxyethyl methacrylate) Matrix. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 377, 297-300	0.5	