

Minjoong Yoon

List of Publications by Year in descending order

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2,537
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230014

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86
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Kaolin-graphene carboxyl incorporated TiO ₂ as efficient visible light active photocatalyst for the degradation of cefuroxime sodium. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 509-528.	1.6	6
2	Photoinduced electron transfer upon supramolecular complexation of (porphyrinato) Sn-viologen with cucurbit[7]uril. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1996-2002.	1.6	16
3	Supramolecular Complexation between Porphyrin-Viologen Dyad and Cucurbit[7]uril. <i>ChemistrySelect</i> , 2018, 3, 256-261.	0.7	11
4	Gold nanorods-conjugated TiO ₂ nanoclusters for the synergistic combination of phototherapeutic treatments of cancer cells. <i>Journal of Nanobiotechnology</i> , 2018, 16, 104.	4.2	30
5	Graphitic carbon nitride coupled with perylene nanoparticles as efficient solar photocatalyst. <i>Molecular Catalysis</i> , 2017, 433, 274-281.	1.0	8
6	Nd ³⁺ -doped TiO ₂ nanoparticles incorporated with heteropoly phosphotungstic acid: A novel solar photocatalyst for degradation of 4-chlorophenol in water. <i>Journal of Molecular Catalysis A</i> , 2016, 411, 146-156.	4.8	57
7	Hydrothermal synthesis of defective TiO ₂ nanoparticles for long-wavelength visible light-photocatalytic killing of cancer cells. <i>RSC Advances</i> , 2015, 5, 99789-99796.	1.7	20
8	Fabrication of ZnO nanoplates for visible light-induced imaging of living cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2311-2317.	2.9	19
9	Preparation and Characterization of Bead Type Superabsorbent Resin. <i>Porrime</i> , 2014, 38, 760-766.	0.0	3
10	Highly fluorescent peptide nanoribbon impregnated with Sn-porphyrin as a potent DNA sensor. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 798.	1.6	5
11	Visible light-sensitive APTES-bound ZnO nanowire toward a potent nanoinjector sensing biomolecules in a living cell. <i>Nanoscale</i> , 2013, 5, 10275.	2.8	29
12	Synthesis of mixed phase anatase-TiO ₂ (B) by a simple wet chemical method. <i>Materials Letters</i> , 2013, 95, 175-177.	1.3	15
13	Preparation of an Aqueous Suspension of Stabilized TiO ₂ Nanoparticles in Primary Particle Form. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 6153-6159.	0.9	8
14	Single Nanoparticle Photoluminescence Studies of Visible Light-Sensitive TiO ₂ and ZnO Nanostructures. <i>Rapid Communication in Photoscience</i> , 2013, 2, 9-17.	0.1	1
15	Polyoxometalate-based molecular/nano composites: Advances in environmental remediation by photocatalysis and biomimetic approaches to solar energy conversion. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2012, 13, 277-298.	5.6	132
16	Facile synthesis of pure TiO ₂ (B) nanofibers doped with gold nanoparticles and solar photocatalytic activities. <i>Applied Catalysis B: Environmental</i> , 2012, 111-112, 502-508.	10.8	56
17	Facile Synthesis of Porous TiO ₂ Nanoparticle and Nanorice toward Visible-Light Photocatalysts. <i>Rapid Communication in Photoscience</i> , 2012, 1, 13-15.	0.1	0
18	Formation of biotinylated trititanate nanofibers (BioTNFs): potent optical probes for protein. <i>Journal of Materials Chemistry</i> , 2011, 21, 2584.	6.7	3

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19	Optical Waveguiding and Lasing Action in Porphyrin Rectangular Microtube with Subwavelength Wall Thicknesses. <i>ACS Nano</i> , 2011, 5, 2923-2929.	7.3	50
20	Development of multiplexed analysis for the photocatalytic activities of nanoparticles in aqueous suspension. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1979-1982.	1.6	5
21	Formation of Ag+@TiO ₂ nanochains and their HPA-composites as highly visible light-sensitive photocatalysts toward two-color solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 12829.	6.7	17
22	Photoluminescence properties of sonochemically synthesized gold nanoparticles for DNA biosensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 191-196.	2.0	8
23	Fluorescence Spectroscopic and Time-Dependent DFT Studies for Intramolecular Excimer Formation of Di-9H-fluoren-9-yl dimethylsilane: Dynamics and Energetics for Conformational Change. <i>Journal of Physical Chemistry A</i> , 2010, 114, 8969-8974.	1.1	10
24	Photoelectrochemical solar cell properties of heteropolytungstic acid-incorporated TiO ₂ nanodisc thin films. <i>Electrochemistry Communications</i> , 2009, 11, 1211-1216.	2.3	59
25	AFM-correlated CSM-coupled Raman and fluorescence properties of water-soluble oxo-titanium (IV) porphyrin bound with DNA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 207, 20-27.	2.0	9
26	Synthesis of Visible Light-Sensitive ZnO Nanostructures: Subwavelength Waveguides. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11952-11958.	1.5	23
27	Blinking photoluminescence properties of single TiO ₂ nanodiscs: interfacial electron transfer dynamics. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 534-542.	1.3	51
28	Photoregulated Fluorescence Switching in Axially Coordinated Tin(IV) Porphyrinic Dithienylethene. <i>Inorganic Chemistry</i> , 2008, 47, 2411-2415.	1.9	72
29	A simple laser confocal microscope with improved spatial resolution. , 2007, , .		1
30	Synthesis of TiO ₂ -entrapped EFAL-removed Y-zeolites: Novel photocatalyst for decomposition of 2-methylisoborneol. <i>Catalysis Communications</i> , 2007, 8, 1851-1856.	1.6	22
31	Synthesis of Sn-Porphyrin-Intercalated Trititanate Nanofibers: Optoelectronic Properties and Photocatalytic Activities. <i>Chemistry of Materials</i> , 2007, 19, 1984-1991.	3.2	69
32	Photocatalytic degradation of methyl orange using heteropolytungstic acid-encapsulated TiSBA-15. <i>Solar Energy Materials and Solar Cells</i> , 2007, 91, 143-147.	3.0	11
33	Formation of Trititanate Nanotubes by Non-Hydrothermal Methods: Optical Properties and Surface Exciton Dynamics Studied by Photoluminescence Spectroscopy. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 123-130.	0.8	6
34	Laser scanning confocal microscope (LSCM)-fluorescence spectral properties of Nile Red embedded in polystyrene film of different thickness. <i>Chemical Physics Letters</i> , 2006, 432, 200-204.	1.2	21
35	Photophysical properties of hydroxyanthraquinone derivatives (HQAs)-doped SiO ₂ , SiO ₂ @Al ₂ O ₃ and Al ₂ O ₃ matrices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 414-420.	2.0	3
36	Raman spectroscopic studies on interactions of water soluble cationic oxovanadyl (IV) meso-tetrakis(1-methylpyridium-4-yl) porphyrin with nucleic acids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 174, 207-213.	2.0	12

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37	Protic solvent effects on the photophysical properties of O ₁ †iVTSP: photoinduced electron transfer. Photochemical and Photobiological Sciences, 2005, 4, 54-60.	1.6	8
38	Synthesis of Liposome-Templated Titania Nanodisks: Optical Properties and Photocatalytic Activities. Chemistry of Materials, 2005, 17, 6069-6079.	3.2	156
39	Characteristics of excited-state intermediates of TiO ₂ –Y-Zeolite and MCM41 encapsulating photosensitive molecules: design of new photocatalysts. Research on Chemical Intermediates, 2004, 30, 207-233.	1.3	7
40	Transient Raman spectroscopic studies on the excited-state intramolecular reverse proton transfer in 1-hydroxyanthraquinone. Chemical Physics Letters, 2004, 391, 314-320.	1.2	17
41	Heteropolyacid-encapsulated TiHY zeolite as an inorganic photosynthetic reaction center mimicking the plant systems. Journal of Photochemistry and Photobiology A: Chemistry, 2003, 160, 181-184.	2.0	24
42	Photocatalytic activities of the nano-sized TiO ₂ -supported Y-zeolites. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2003, 4, 5-18.	5.6	211
43	Heteropolytungstic acid (H ₃ PW ₁₂ O ₄₀) encapsulated into the titanium-exchanged HY (TiHY) zeolite: a novel photocatalyst for photoreduction of methyl orange. Journal of Molecular Catalysis A, 2003, 195, 201-208.	4.8	42
44	fs-time-resolved diffuse reflectance and resonance Raman spectroscopic studies on MCM-41 as microchemical reactor. Studies in Surface Science and Catalysis, 2003, 146, 289-294.	1.5	2
45	Photochemically Induced Tautomerism of Salicylic Acid and Its Related Derivatives. , 2003, , .		0
46	Photoinduced electron transfer in some photosensitive molecules-incorporated semiconductor/zeolites: New photocatalytic systems. Journal of Chemical Sciences, 2002, 114, 593-602.	0.7	2
47	Resonance Raman studies on ZnII tetraphenylporphyrin encapsulated into MCM-41 and CuII/MCM-41: catalytic ionization of ZnII/TPP and its central metal ion exchange. Chemical Physics Letters, 2002, 351, 391-396.	1.2	6
48	Heteropoly Acid-Incorporated TiO ₂ Colloids as Novel Photocatalytic Systems Resembling the Photosynthetic Reaction Center. Journal of Physical Chemistry B, 2001, 105, 2539-2545.	1.2	152
49	Excited-State Dynamics of 5,10,15,20-Tetraphenyl- 21H,23H-porphine Manganese(III) Chloride Encapsulated in TiMCM-41 and MCM-41; Proved by fs-Diffuse Reflectance Laser Photolysis. Journal of Physical Chemistry B, 2001, 105, 8513-8518.	1.2	39
50	Improvement of the phase-transfer catalysis method for synthesis of glycidyl ether. JAOCS, Journal of the American Oil Chemists' Society, 2001, 78, 423-429.	0.8	20
51	TiO ₂ /Y-Zeolite encapsulating intramolecular charge transfer molecules: a new photocatalyst for photoreduction of methyl orange in aqueous medium. Journal of Molecular Catalysis A, 2001, 168, 257-263.	4.8	78
52	Excited-state intramolecular proton transfer coupled-charge transfer of p-N,N-dimethylaminosalicylic acid in aqueous β-cyclodextrin solutions. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 138, 167-175.	2.0	42
53	Synthesis and Surface-Active Properties of New Photosensitive Surfactants Containing the Azobenzene Group. Journal of Colloid and Interface Science, 2000, 231, 255-264.	5.0	61
54	Adsorption characteristics of 4-dimethylaminobenzoic acid on silver and titania: diffuse reflectance infrared Fourier transform spectroscopy study. Vibrational Spectroscopy, 2000, 24, 265-275.	1.2	54

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55	Photoinduced intramolecular charge-transfer state of p-dimethylaminobenzoic acid in CdS and TiO ₂ colloid solutions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000, 132, 105-114.	2.0	16
56	Transient Absorption and Resonance Raman Investigations on the Axial Ligand Photodissociation of Halochromium(III) Tetraphenylporphyrin. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4816-4824.	1.1	12
57	Excited-state intramolecular charge transfer of p-N,N-dimethylaminobenzoic acid in Y zeolites: hydrogen-bonding effects. <i>Chemical Physics Letters</i> , 1998, 286, 466-472.	1.2	28
58	Lowest Excited State of Oxovanadyl(IV) Tetraphenylporphyrin. <i>Journal of Physical Chemistry A</i> , 1998, 102, 315-322.	1.1	10
59	Exciplex Formation Dynamics of Photoexcited Copper(II) Tetrakis(4-N-methylpyridyl)porphyrin with Synthetic Polynucleotides Probed by Transient Absorption and Raman Spectroscopic Techniques. <i>Journal of Physical Chemistry A</i> , 1997, 101, 5412-5417.	1.1	18
60	Effects of solvent and cyclodextrin on the photophysical properties of 4-acetylbiphenyl: intramolecular charge transfer associated with hydrogen-bonding effect. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 106, 161-167.	2.0	20
61	SiO ₂ colloidal effects on the twisted intramolecular charge transfer of p-N,N-dimethylaminobenzoic acid in acetonitrile. <i>Chemical Physics Letters</i> , 1997, 264, 673-679.	1.2	29
62	Cyclodextrin effects on intramolecular charge transfer of 2-biphenylcarboxylic acid: a pre-twisted molecule. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 29.	1.7	60
63	Observation of Hydrogen-Bonding Effects on Twisted Intramolecular Charge Transfer of p-(N,N-Diethylamino)benzoic Acid in Aqueous Cyclodextrin Solutions. <i>The Journal of Physical Chemistry</i> , 1996, 100, 15670-15676.	2.9	134
64	Transient Raman Spectroscopic Investigations on Ru(II)TPP(L) ₂ (L = Pyridine and Piperidine) and Ru(II)TPP(CO)(py) in Various Solvents: An Alternation of Excited Charge Transfer Depending on Axial Ligation. <i>The Journal of Physical Chemistry</i> , 1996, 100, 8867-8874.	2.9	10
65	Time-Resolved Resonance Raman and Transient Absorption Studies on Water-Soluble Copper(II) Porphyrins. <i>The Journal of Physical Chemistry</i> , 1996, 100, 3075-3083.	2.9	18
66	Time-resolved resonance Raman spectra of free-base tetraarylporphyrins: effects of the peripheral substituents. <i>Chemical Physics Letters</i> , 1995, 241, 533-539.	1.2	11
67	Time-Resolved Resonance Raman Spectroscopic Study on Copper(II) Porphyrins in Various Solvents: Solvent Effects on the Charge Transfer States. <i>The Journal of Physical Chemistry</i> , 1995, 99, 5826-5833.	2.9	26
68	Cyclodextrin effects on excited-state geometry change and intramolecular charge transfer of 4-biphenylcarboxylic acid. <i>The Journal of Physical Chemistry</i> , 1994, 98, 558-562.	2.9	57
69	Dynamics of excited-state intramolecular proton transfer reactions in piroxicam. Role of triplet states. <i>Chemical Physics Letters</i> , 1994, 226, 275-280.	1.2	19
70	Excited-state intramolecular proton transfer emission of piroxicam in aqueous β -cyclodextrin solutions. <i>Journal of Luminescence</i> , 1994, 59, 209-217.	1.5	29
71	Preparation of Star-Branched Polymers with Cyclotriphosphazene Cores. <i>Macromolecules</i> , 1994, 27, 1376-1380.	2.2	84
72	ABSORPTION AND FLUORESCENCE SPECTROSCOPIC STUDIES ON DIMERIZATION OF CHLOROALUMINUM (III) PHTHALOCYANINE TETRASULFONATE IN AQUEOUS ALCOHOLIC SOLUTIONS. <i>Photochemistry and Photobiology</i> , 1993, 58, 31-36.	1.3	47

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73	Synthesis and thermal reaction of acetylenic group substituted poly(organophosphazenes) and cyclotriphosphazene. <i>Macromolecules</i> , 1992, 25, 2666-2670.	2.2	19
74	Surfactant-aided surface-enhanced Raman scattering of Zn(II), Co(II), Ni(II), Cu(II) and free-base tetrakis(4-sulphonatophenyl)porphyrins. <i>Journal of Raman Spectroscopy</i> , 1992, 23, 667-672.	1.2	6
75	A novel transition-metal catalyzed rearrangement of piroxicam, a benzothiazine carboxamide derivative. <i>Journal of Inorganic Biochemistry</i> , 1991, 41, 53-56.	1.5	2
76	TIME-RESOLVED SPECTROSCOPIC STUDIES ON PHOTOPHYSICAL PROPERTIES OF BENOXAPROFEN IN MICELLAR SOLUTIONS: AN INTRAMICELLAR FLUORESCENCE QUENCHING. <i>Photochemistry and Photobiology</i> , 1991, 54, 75-82.	1.3	2
77	Surfactant-aided surface enhanced Raman scattering of Ni(II) tetrasulphonate phthalocyanine in silver sol. <i>Journal of Raman Spectroscopy</i> , 1991, 22, 597-600.	1.2	5
78	PHOTOCHEMICAL and PHOTOPHYSICAL PROPERTIES OF PIROXICAM and BENOXAPROFEN IN VARIOUS SOLVENTS. <i>Photochemistry and Photobiology</i> , 1990, 51, 151-154.	1.3	15
79	High-frequency vibrational mode characterization of Zn(II), Ni(II) and Co(II) tetraphenylchlorins. <i>Journal of Raman Spectroscopy</i> , 1990, 21, 645-654.	1.2	5
80	Surface-induced substitution reaction on cobalt(III) and manganese(III) tetrakis (4-N-methylpyridyl)porphyrins probed by surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 1990, 21, 667-674.	1.2	13
81	The interaction of piroxicam with some metal ions in aqueous solution. <i>Thermochimica Acta</i> , 1989, 143, 239-245.	1.2	1
82	LOW-TEMPERATURE PHOTOACOUSTIC SPECTROSCOPY OF PORPHYROPSIN IN THE INTACT RETINA OF THE CREEK CHUB, <i>Semotilus atromaculatus</i> . <i>Photochemistry and Photobiology</i> , 1988, 48, 549-552.	1.3	1
83	Solvent effects on fluorescence spectroscopic properties of benoxaprofen, a cutaneous photosensitizer. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1988, , 1943.	0.9	7
84	PHOTOSENSITIZATION OF METHYL LINOLEATE OXIDATION BY TRYPTOPHAN IN PEPTIDES. <i>Photochemistry and Photobiology</i> , 1983, 37, 279-285.	1.3	6
85	The pH dependence of photosensory responses in <i>Stentor coeruleus</i> and model system. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1981, 634, 289-308.	0.5	36
86	Porphyrin-decorated ZnO nanowires as nanoscopic injectors for phototheragnosis of cancer cells. <i>New Journal of Chemistry</i> , 0, , .	1.4	2