Yasuhiro Shiraishi

List of Publications by Year
in descending order

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167 papers	13,355 citations	20797 60 h-index	23514 111 g-index
184 all docs	184 docs citations	184 times ranked	12592 citing authors

#	Article	IF	Citations
1	Hydrogen peroxide splitting on Nafion-coated graphene quantum dots/carbon nitride photocatalysts. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 430, 113949.	2.0	1
2	Photocatalytic Dinitrogen Fixation with Water on High-Phosphorus-Doped Carbon Nitride with Surface Nitrogen Vacancies. Langmuir, 2022, 38, 7137-7145.	1.6	5
3	Fluorometric and colorimetric detection of hypochlorous acid and hypochlorite by a naphthalimideâ€“dicyanoisophorone conjugate. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 406, 112997.	2.0	12
4	Polythiophene-Doped Resorcinolâ€“Formaldehyde Resin Photocatalysts for Solar-to-Hydrogen Peroxide Energy Conversion. Journal of the American Chemical Society, 2021, 143, 12590-12599.	6.6	96
5	Spontaneous Isomerization of a Hydroxynaphthalene-Containing Spiropyran in Polar Solvents Enhanced by Hydrogen Bonding Interactions. ACS Omega, 2021, 6, 35619-35628.	1.6	4
6	Photocatalytic Dinitrogen Reduction with Water on Boron-Doped Carbon Nitride Loaded with Nickel Phosphide Particles. Langmuir, 2020, 36, 734-741.	1.6	27
7	Solar-to-hydrogen peroxide energy conversion on resorcinolâ€“formaldehyde resin photocatalysts prepared by acid-catalysed polycondensation. Communications Chemistry, 2020, 3, .	2.0	55
8	A Naphthalimideâ€“Sulfonylhydrazine Conjugate as a Fluorescent Chemodosimeter for Hypochlorite. Chemosensors, 2020, 8, 123.	1.8	12
9	Photocatalytic hydrogen peroxide splitting on metal-free powders assisted by phosphoric acid as a stabilizer. Nature Communications, 2020, 11, 3386.	5.8	65
10	Photocatalytic NH₃ Splitting on TiO₂ Particles Decorated with Ptâ€“Au Bimetallic Alloy Nanoparticles. ACS Applied Nano Materials, 2020, 3, 1612-1620.	2.4	31
11	Photocatalytic Dinitrogen Fixation with Water on Bismuth Oxychloride in Chloride Solutions for Solar-to-Chemical Energy Conversion. Journal of the American Chemical Society, 2020, 142, 7574-7583.	6.6	140
12	Resorcinolâ€“formaldehyde resins as metal-free semiconductor photocatalysts for solar-to-hydrogen peroxide energy conversion. Nature Materials, 2019, 18, 985-993.	13.3	429
13	A coumarinâ€“dihydroperimidine dye as a fluorescent chemosensor for hypochlorite in 99% water. RSC Advances, 2019, 9, 28636-28641.	1.7	21
14	Doping of Nb⁵⁺ Species at the Auâ€“TiO₂ Interface for Plasmonic Photocatalysis Enhancement. Langmuir, 2019, 35, 5455-5462.	1.6	21
15	Hydrogen Peroxide Production on a Carbon Nitrideâ€“Boron Nitrideâ€Reduced Graphene Oxide Hybrid Photocatalyst under Visible Light. ChemCatChem, 2018, 10, 2070-2077.	1.8	97
16	Photocatalytic hydrogenation of azobenzene to hydrazobenzene on cadmium sulfide under visible light irradiation. Chemical Communications, 2018, 54, 452-455.	2.2	29
17	Nitrogen Fixation with Water on Carbon-Nitride-Based Metal-Free Photocatalysts with 0.1% Solar-to-Ammonia Energy Conversion Efficiency. ACS Applied Energy Materials, 2018, 1, 4169-4177.	2.5	103
18	Photoreductive synthesis of monodispersed Au nanoparticles with citric acid as reductant and surface stabilizing reagent. RSC Advances, 2017, 7, 6187-6192.	1.7	41

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19	Selective Nitrate-to-Ammonia Transformation on Surface Defects of Titanium Dioxide Photocatalysts. ACS Catalysis, 2017, 7, 3713-3720.	5.5	150
20	Titanium Dioxide/Reduced Graphene Oxide Hybrid Photocatalysts for Efficient and Selective Partial Oxidation of Cyclohexane. ACS Catalysis, 2017, 7, 293-300.	5.5	91
21	Quantum tunneling injection of hot electrons in Au/TiO₂plasmonic photocatalysts. Nanoscale, 2017, 9, 8349-8361.	2.8	75
22	An antimalarial drug, tafenoquine, as a fluorescent receptor for ratiometric detection of hypochlorite. RSC Advances, 2017, 7, 30453-30458.	1.7	6
23	Photocatalytic Conversion of Nitrogen to Ammonia with Water on Surface Oxygen Vacancies of Titanium Dioxide. Journal of the American Chemical Society, 2017, 139, 10929-10936.	6.6	721
24	Synthesis of Au Nanoparticles with Benzoic Acid as Reductant and Surface Stabilizer Promoted Solely by UV Light. Langmuir, 2017, 33, 13797-13804.	1.6	22
25	Naphthalimideâ€“coumarin conjugate: ratiometric fluorescent receptor for self-calibrating quantification of cyanide anions in cells. RSC Advances, 2017, 7, 32304-32309.	1.7	17
26	Photocatalytic Dehalogenation of Aromatic Halides on Ta₂O₅-Supported Ptâ€“Pd Bimetallic Alloy Nanoparticles Activated by Visible Light. ACS Catalysis, 2017, 7, 5194-5201.	5.5	47
27	Mellitic Triimide-Doped Carbon Nitride as Sunlight-Driven Photocatalysts for Hydrogen Peroxide Production. ACS Sustainable Chemistry and Engineering, 2017, 5, 6478-6485.	3.2	92
28	Graphitic Carbon Nitride Doped with Biphenyl Diimide: Efficient Photocatalyst for Hydrogen Peroxide Production from Water and Molecular Oxygen by Sunlight. ACS Catalysis, 2016, 6, 7021-7029.	5.5	282
29	Coumarinâ€“Imineâ€“Quinoxaline Linkage Designed Based on the Strecker Reaction as a Receptor for Fluorometric Cyanide Anion Detection in Neutral Media. Chemistry Letters, 2016, 45, 1294-1296.	0.7	7
30	Carbon Nitrideâ€“Aromatic Diimideâ€“Graphene Nanohybrids: Metal-Free Photocatalysts for Solar-to-Hydrogen Peroxide Energy Conversion with 0.2% Efficiency. Journal of the American Chemical Society, 2016, 138, 10019-10025.	6.6	406
31	Coumarinâ€“Spiropyran Dyad with a Hydrogenated Pyran Moiety for Rapid, Selective, and Sensitive Fluorometric Detection of Cyanide Anion. Analytical Chemistry, 2016, 88, 6805-6811.	3.2	74
32	Au Nanoparticles Supported on BiVO₄: Effective Inorganic Photocatalysts for H₂O₂ Production from Water and O₂ under Visible Light. ACS Catalysis, 2016, 6, 4976-4982.	5.5	272
33	Offâ€“on fluorometric detection of cyanide anions in an aqueous mixture by an indane-based receptor. New Journal of Chemistry, 2016, 40, 1237-1243.	1.4	19
34	A pyryliumâ€“coumarin dyad as a colorimetric receptor for ratiometric detection of cyanide anions by two absorption bands in the visible region. New Journal of Chemistry, 2016, 40, 195-201.	1.4	19
35	Photocatalytic Hydrogenation of Nitroaromatics to Anilines on Silica-Supported Iron Oxides with Hydrazine Monohydrate as a Reductant. Journal of Chemical Engineering of Japan, 2015, 48, 141-146.	0.3	4
36	Photocatalytic hydrogenolysis of epoxides using alcohols as reducing agents on TiO₂ loaded with Pt nanoparticles. Chemical Communications, 2015, 51, 2294-2297.	2.2	14

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37	One-Pot Synthesis of Imines from Nitroaromatics and Alcohols by Tandem Photocatalytic and Catalytic Reactions on Degussa (Evonik) P25 Titanium Dioxide. ACS Applied Materials & Interfaces, 2015, 7, 3797-3806.	4.0	44
38	Photocatalytic secondary amine synthesis from azobenzenes and alcohols on TiO₂ loaded with Pd nanoparticles. New Journal of Chemistry, 2015, 39, 2856-2860.	1.4	16
39	Hot-Electron-Induced Highly Efficient O₂ Activation by Pt Nanoparticles Supported on Ta₂O₅ Driven by Visible Light. Journal of the American Chemical Society, 2015, 137, 9324-9332.	6.6	139
40	Effects of Surface Defects on Photocatalytic H₂O₂ Production by Mesoporous Graphitic Carbon Nitride under Visible Light Irradiation. ACS Catalysis, 2015, 5, 3058-3066.	5.5	289
41	Effects of substituents on fluorometric detection of cyanide anions by indoliumâ€“coumarin dyads. Physical Chemistry Chemical Physics, 2015, 17, 25027-25036.	1.3	14
42	Amino-substituted spirothiopyran as an initiator for self-assembly of gold nanoparticles. RSC Advances, 2015, 5, 77572-77580.	1.7	2
43	One-pot synthesis of secondary amines from alcohols and nitroarenes on TiO₂ loaded with Pd nanoparticles under UV irradiation. New Journal of Chemistry, 2015, 39, 2467-2473.	1.4	17
44	Sunlightâ€Driven Hydrogen Peroxide Production from Water and Molecular Oxygen by Metalâ€Free Photocatalysts. Angewandte Chemie - International Edition, 2014, 53, 13454-13459.	7.2	467
45	Highly Selective Production of Hydrogen Peroxide on Graphitic Carbon Nitride (g-C₃N₄) Photocatalyst Activated by Visible Light. ACS Catalysis, 2014, 4, 774-780.	5.5	580
46	Rapid, selective, and sensitive fluorometric detection of cyanide anions in aqueous media by cyanine dyes with indoliumâ€“coumarin linkages. Chemical Communications, 2014, 50, 11583-11586.	2.2	52
47	Spiropyran as a reusable chemosensor for selective colorimetric detection of aromatic thiols. Physical Chemistry Chemical Physics, 2014, 16, 12137-12142.	1.3	36
48	Platinum nanoparticles strongly associated with graphitic carbon nitride as efficient co-catalysts for photocatalytic hydrogen evolution under visible light. Chemical Communications, 2014, 50, 15255-15258.	2.2	168
49	Selective Photocatalytic Oxidation of Aniline to Nitrosobenzene by Pt Nanoparticles Supported on TiO₂ under Visible Light Irradiation. ACS Catalysis, 2014, 4, 2418-2425.	5.5	69
50	Spiropyran-Modified Gold Nanoparticles: Reversible Size Control of Aggregates by UV and Visible Light Irradiations. ACS Applied Materials & Interfaces, 2014, 6, 7554-7562.	4.0	73
51	Noble-Metal-Free Deoxygenation of Epoxides: Titanium Dioxide as a Photocatalytically Regenerable Electron-Transfer Catalyst. ACS Catalysis, 2014, 4, 1642-1649.	5.5	32
52	Selective Hydrogen Peroxide Formation by Titanium Dioxide Photocatalysis with Benzylic Alcohols and Molecular Oxygen in Water. ACS Catalysis, 2013, 3, 2222-2227.	5.5	157
53	Mechanism for Different Fluorescence Response of a Coumarinâ€“Amideâ€“Dipicolylamine Linkage to Zn(II) and Cd(II) in Water. Journal of Physical Chemistry A, 2013, 117, 1474-1482.	1.1	56
54	Rutile Crystallites Isolated from Degussa (Evonik) P25 TiO₂: Highly Efficient Photocatalyst for Chemoselective Hydrogenation of Nitroaromatics. ACS Catalysis, 2013, 3, 2318-2326.	5.5	65

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55	Ptâ€“Cu Bimetallic Alloy Nanoparticles Supported on Anatase TiO₂: Highly Active Catalysts for Aerobic Oxidation Driven by Visible Light. ACS Nano, 2013, 7, 9287-9297.	7.3	187
56	A phenylbenzoxazoleâ€“amideâ€“azacrown linkage as a selective fluorescent receptor for ratiometric sensing of Pb(ii) in aqueous media. Chemical Communications, 2013, 49, 3434.	2.2	34
57	Selective fluorometric detection of aromatic thiols by a chemosensor containing two electrophilic sites with different local softness. Chemical Communications, 2013, 49, 11680.	2.2	46
58	N-Monoalkylation of Amines with Alcohols by Tandem Photocatalytic and Catalytic Reactions on TiO₂ Loaded with Pd Nanoparticles. ACS Catalysis, 2013, 3, 312-320.	5.5	128
59	Supported Auâ€“Cu Bimetallic Alloy Nanoparticles: An Aerobic Oxidation Catalyst with Regenerable Activity by Visibleâ€Light Irradiation. Angewandte Chemie - International Edition, 2013, 52, 5295-5299.	7.2	176
60	Photocatalytic hydrodenitrogenation of aromatic cyanides on TiO2 loaded with Pd nanoparticles. Catalysis Science and Technology, 2013, 3, 1718.	2.1	12
61	Spiropyranâ€“cholesterol conjugate as a photoresponsive organogelator. New Journal of Chemistry, 2013, 37, 2642.	1.4	12
62	Lightâ€Triggered Selfâ€Assembly of Gold Nanoparticles Based on Photoisomerization of Spirothiopyran. Angewandte Chemie - International Edition, 2013, 52, 8304-8308.	7.2	80
63	Colorimetric Sensing of Cu(II) in Aqueous Media with a Spiropyran Derivative via a Oxidative Dehydrogenation Mechanism. ACS Applied Materials & Interfaces, 2013, 5, 3456-3463.	4.0	45
64	Selective side-chain oxidation of alkyl-substituted aromatics on TiO2 partially coated with WO3 as a photocatalyst. Catalysis Science and Technology, 2013, 3, 2270.	2.1	36
65	Phenylbenzoxazoleâ€“Amideâ€“Cyclen Linkage as a Ratiometric Fluorescent Receptor for Zn(II) in Water. Journal of Physical Chemistry A, 2013, 117, 3387-3395.	1.1	8
66	Titanium Oxide-based Photocatalysts for Selective Organic Transformations. Journal of the Japan Petroleum Institute, 2012, 55, 287-298.	0.4	17
67	Selective colorimetric sensing of Co(ii) in aqueous media with a spiropyranâ€“amideâ€“dipicolylamine linkage under UV irradiation. Chemical Communications, 2012, 48, 5485.	2.2	34
68	Highly Efficient and Selective Hydrogenation of Nitroaromatics on Photoactivated Rutile Titanium Dioxide. ACS Catalysis, 2012, 2, 2475-2481.	5.5	131
69	Visible light-induced partial oxidation of cyclohexane on WO3 loaded with Ptnanoparticles. Catalysis Science and Technology, 2012, 2, 400-405.	2.1	84
70	Gold Nanoparticles Located at the Interface of Anatase/Rutile TiO₂ Particles as Active Plasmonic Photocatalysts for Aerobic Oxidation. Journal of the American Chemical Society, 2012, 134, 6309-6315.	6.6	610
71	Photocatalytic H₂O₂ Production from Ethanol/O₂ System Using TiO₂ Loaded with Auâ€“Ag Bimetallic Alloy Nanoparticles. ACS Catalysis, 2012, 2, 599-603.	5.5	361
72	Platinum Nanoparticles Supported on Anatase Titanium Dioxide as Highly Active Catalysts for Aerobic Oxidation under Visible Light Irradiation. ACS Catalysis, 2012, 2, 1984-1992.	5.5	95

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73	Colorimetric sensing of cyanide anion in aqueous media with a fluoresceinâ€“spiropyran conjugate. Tetrahedron, 2012, 68, 690-696.	1.0	47
74	Highly efficient photocatalytic dehalogenation of organic halides on TiO2 loaded with bimetallic Pdâ€“Pt alloy nanoparticles. Chemical Communications, 2011, 47, 7863.	2.2	67
75	A BODIPY-based fluorescent chemodosimeter for Cu(ii) driven by an oxidative dehydrogenation mechanism. Chemical Communications, 2011, 47, 2673.	2.2	96
76	Visible-Light-Induced Partial Oxidation of Cyclohexane by Cr/Ti/Si Ternary Mixed Oxides with Molecular Oxygen. Journal of Physical Chemistry C, 2011, 115, 19782-19788.	1.5	29
77	Thermoresponsive Copolymer Containing a Coumarinâ€“Spiropyran Conjugate: Reusable Fluorescent Sensor for Cyanide Anion Detection in Water. ACS Applied Materials & Interfaces, 2011, 3, 4649-4656.	4.0	82
78	Highly sensitive cyanide anion detection with a coumarinâ€“spiropyran conjugate as a fluorescent receptor. Chemical Communications, 2011, 47, 4953.	2.2	188
79	Entropy-Driven Thermal Isomerization of Spiropyran in Viscous Media. Journal of Physical Chemistry A, 2011, 115, 9083-9090.	1.1	22
80	One-pot synthesis of imines from alcohols and amines with TiO2 loading Pt nanoparticles under UV irradiation. Chemical Communications, 2011, 47, 4811.	2.2	113
81	Selective Photocatalytic Oxidation of Alcohols to Aldehydes in Water by TiO₂ Partially Coated with WO₃. Chemistry - A European Journal, 2011, 17, 9816-9824.	1.7	99
82	Multicolor Fluorescence of a Styrylquinoline Dye Tuned by Metal Cations. Chemistry - A European Journal, 2011, 17, 8324-8332.	1.7	39
83	Cu(II)-selective fluorescence of a bis-quinolylimine derivative. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 253-258.	2.0	6
84	A benzoxadiazoleâ€“thiourea conjugate as a fluorescent chemodosimeter for Hg(II) in aqueous media. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 219, 154-158.	2.0	26
85	Colorimetric response of spiropyran derivative for anions in aqueous or organic media. Tetrahedron, 2011, 67, 891-897.	1.0	35
86	Rapid colorimetric sensing of cyanide anion in aqueous media with a spiropyran derivative containing a dinitrophenolate moiety. Tetrahedron Letters, 2011, 52, 1515-1519.	0.7	41
87	Oneâ€Pot Synthesis of Benzimidazoles by Simultaneous Photocatalytic and Catalytic Reactions on Pt@TiO₂ Nanoparticles. Angewandte Chemie - International Edition, 2010, 49, 1656-1660.	7.2	191
88	Photosensitized isomerization of olefin with benzophenone-conjugated amphiphilic graft copolymers. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 213, 80-86.	2.0	0
89	Fluorescence properties of polyamines bearing two terminal quinoline fragments in water. Tetrahedron, 2010, 66, 5594-5601.	1.0	16
90	Visible light-induced photosensitized decomposition of organic pollutants with polymer nanocapsules encapsulating Fe(bpy)32+ complex. Applied Catalysis B: Environmental, 2010, 93, 292-298.	10.8	11

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91	Highly Efficient Methyl Ketone Synthesis with Photoactivated Acetone and Olefins Assisted by Mg(II)-Exchanged Zeolite Y. Journal of Organic Chemistry, 2010, 75, 1450-1457.	1.7	17
92	Thermal isomerization of spiropyran to merocyanine in aqueous media and its application to colorimetric temperature indication. Physical Chemistry Chemical Physics, 2010, 12, 13737.	1.3	133
93	Local Viscosity Analysis of Triblock Copolymer Micelle with Cyanine Dyes as a Fluorescent Probe. Langmuir, 2010, 26, 17505-17512.	1.6	48
94	A coumarinâ€“thiourea conjugate as a fluorescent probe for Hg(ii) in aqueous media with a broad pH range 2â€“12. Organic and Biomolecular Chemistry, 2010, 8, 1310.	1.5	57
95	Selective photooxidation of chlorophenols with molecularly imprinted polymers containing a photosensitizer. New Journal of Chemistry, 2010, 34, 714.	1.4	23
96	Hydrophobic Crâ€“Si mixed oxides as a catalyst for visible light-induced partial oxidation of cyclohexane. New Journal of Chemistry, 2010, 34, 2841.	1.4	18
97	Effect of substrate polarity on photocatalytic activity of titanium dioxide particles embedded in mesoporous silica. Journal of Catalysis, 2009, 264, 175-182.	3.1	27
98	A BODIPYâ€“indole conjugate as a colorimetric and fluorometric probe for selective fluoride anion detection. Tetrahedron Letters, 2009, 50, 4293-4296.	0.7	66
99	Temperature- and pH-responsive photosensitization activity of polymeric sensitizers based on poly-N-isopropylacrylamide. Polymer, 2009, 50, 5758-5764.	1.8	2
100	Effects of poly-N-isopropylacrylamide on fluorescence properties of CdS/Cd(OH)2 nanoparticles in water. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 205, 51-56.	2.0	4
101	Effects of alkyl chain length on Cu(II)-selective green fluorescence of rhodamineâ€“diacetic acid conjugates. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 205, 215-220.	2.0	16
102	BODIPY-Conjugated Thermoresponsive Copolymer as a Fluorescent Thermometer Based on Polymer Microviscosity. Langmuir, 2009, 25, 13176-13182.	1.6	90
103	Spiropyran as a Selective, Sensitive, and Reproducible Cyanide Anion Receptor. Organic Letters, 2009, 11, 3482-3485.	2.4	144
104	Spiropyran-Conjugated Thermoresponsive Copolymer as a Colorimetric Thermometer with Linear and Reversible Color Change. Organic Letters, 2009, 11, 1571-1574.	2.4	102
105	Indole-azadiene conjugate as a colorimetric and fluorometric probe for selective fluoride ion sensing. Organic and Biomolecular Chemistry, 2009, 7, 2072.	1.5	50
106	A Fluorescent Molecular Switch Driven by the Input Sequence of Metal Cations: An Azamacrocyclic Ligand Containing Bipolar Anthracene Fragments. Chemistry - A European Journal, 2008, 14, 259-271.	1.7	28
107	Effects of proton and metal cations on the fluorescence properties of anthracene bearing macrocyclic polyether and polyamine receptors. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 195, 267-276.	2.0	11
108	Rhodamine-conjugated acrylamide polymers exhibiting selective fluorescence enhancement at specific temperature ranges. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 432-437.	2.0	29

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109	Selective organic transformations on titanium oxide-based photocatalysts. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2008, 9, 157-170.	5.6	315
110	Fe(III)- and Hg(II)-selective dual channel fluorescence of a rhodamineâ€“azacrown ether conjugate. Tetrahedron Letters, 2008, 49, 4178-4181.	0.7	66
111	Selective Photocatalytic Transformations on Microporous Titanosilicate ETS-10 Driven by Size and Polarity of Molecules. Langmuir, 2008, 24, 12658-12663.	1.6	36
112	A Rhodamineâ^'Cyclen Conjugate as a Highly Sensitive and Selective Fluorescent Chemosensor for Hg(II). Journal of Organic Chemistry, 2008, 73, 8571-8574.	1.7	251
113	Temperature-Controlled Photosensitization Properties of Benzophenone-Conjugated Thermoresponsive Copolymers. Journal of Physical Chemistry B, 2008, 112, 13238-13244.	1.2	11
114	A Hemicyanine-Conjugated Copolymer as a Highly Sensitive Fluorescent Thermometer. Langmuir, 2008, 24, 4273-4279.	1.6	107
115	Highly Efficient Methyl Ketone Synthesis by Water-Assisted Câ^'C Coupling between Olefins and Photoactivated Acetone. Organic Letters, 2008, 10, 3117-3120.	2.4	24
116	Temperature-Controlled Photooxygenation with Polymer Nanocapsules Encapsulating an Organic Photosensitizer. Langmuir, 2008, 24, 9832-9836.	1.6	14
117	Effects of Metal Cation Coordination on Fluorescence Properties of a Diethylenetriamine Bearing Two End Pyrene Fragments. Journal of Physical Chemistry B, 2007, 111, 8812-8822.	1.2	31
118	Temperature-controlled changeable oxygenation selectivity by singlet oxygen with a polymeric photosensitizer. Chemical Communications, 2007, , 1846.	2.2	20
119	Hg(II)-Selective Excimer Emission of a Bisnaphthyl Azadiene Derivative. Organic Letters, 2007, 9, 3125-3128.	2.4	52
120	Solvent-Driven Multiply Configurable On/Off Fluorescent Indicator of the pH Window:Â A Diethylenetriamine Bearing Two End Pyrene Fragments. Journal of Physical Chemistry B, 2007, 111, 5090-5100.	1.2	34
121	Rhodamine-Based Fluorescent Thermometer Exhibiting Selective Emission Enhancement at a Specific Temperature Range. Organic Letters, 2007, 9, 3921-3924.	2.4	142
122	A new rhodamine-based fluorescent chemosensor for transition metal cations synthesized by one-step facile condensation. Tetrahedron Letters, 2007, 48, 5455-5459.	0.7	130
123	Temperature-driven on/off fluorescent indicator of pH window: an anthracene-conjugated thermoresponsive polymer. Tetrahedron Letters, 2007, 48, 6660-6664.	0.7	25
124	A quinolineâ€“polyamine conjugate as a fluorescent chemosensor for quantitative detection of Zn(II) in water. Tetrahedron Letters, 2007, 48, 7769-7773.	0.7	46
125	Unmodified fluorescein as a fluorescent chemosensor for fluoride ion detection. Tetrahedron Letters, 2007, 48, 8803-8806.	0.7	30
126	Sensitized luminescence of Eu and Tb macrocyclic complexes bearing benzophenone antennae. Journal of Luminescence, 2007, 126, 68-76.	1.5	22

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127	Sensitized luminescence properties of dinuclear lanthanide macrocyclic complexes bearing a benzophenone antenna. Journal of Luminescence, 2007, 127, 623-632.	1.5	14
128	Cu(II)-Selective Green Fluorescence of a Rhodamineâ"Diacetic Acid Conjugate. Organic Letters, 2007, 9, 5039-5042.	2.4	335
129	A Triethylenetetramine Bearing Anthracene and Benzophenone as a Fluorescent Molecular Logic Gate with Eitherâ"Or Switchable Dual Logic Functions. Journal of Physical Chemistry B, 2006, 110, 21596-21602.	1.2	34
130	Visible light-induced highly selective transformation of olefin to ketone by 2,4,6-triphenylpyrylium cation encapsulated within zeolite Y. Chemical Communications, 2006, , 773.	2.2	18
131	Temperature-Driven Oxygenation Rate Control by Polymeric Photosensitizer. Journal of the American Chemical Society, 2006, 128, 8751-8753.	6.6	41
132	pH- and H2O-Driven Triple-Mode Pyrene Fluorescence. Organic Letters, 2006, 8, 3841-3844.	2.4	79
133	Visible Light-Induced Partial Oxidation of Olefins on Cr-Containing Silica with Molecular Oxygen. Journal of Physical Chemistry B, 2006, 110, 6257-6263.	1.2	31
134	Ti-Containing Mesoporous Organosilica as a Photocatalyst for Selective Olefin Epoxidation. Journal of Physical Chemistry B, 2006, 110, 17898-17905.	1.2	46
135	Vanadium-Containing Mesoporous Silica of High Photocatalytic Activity and Stability Even in Water. Journal of Physical Chemistry B, 2006, 110, 6587-6594.	1.2	27
136	Sulfonium Salts Obtained by Desulfurization of Light Oils as an Initiator for Cationic Photopolymerization. Energy & Fuels, 2006, 20, 1767-1770.	2.5	0
137	Adsorption-Driven Photocatalytic Activity of Mesoporous Titanium Dioxide. Journal of the American Chemical Society, 2005, 127, 12820-12822.	6.6	259
138	A fluorescent chemosensor for wide-range pH detection. Chemical Communications, 2005, , 5313.	2.2	51
139	A Molecular Switch with pH-Controlled Absolutely Switchable Dual-Mode Fluorescence. Organic Letters, 2005, 7, 2611-2614.	2.4	94
140	Acetonitrile-assisted highly selective photocatalytic epoxidation of olefins on Ti-containing silica with molecular oxygen. Chemical Communications, 2005, , 5977.	2.2	47
141	A fluorescent molecular logic gate with multiply-configurable dual outputs. Chemical Communications, 2005, , 5316.	2.2	81
142	Visible light-induced selective oxidation of cyclohexane to cyclohexanone on Crâ€"Si binary oxide with molecular oxygen. Chemical Communications, 2005, , 4569.	2.2	46
143	Photosensitized Oxygenation of Sulfides within an Amphiphilic Dendrimer Containing a Benzophenone Core. Journal of Physical Chemistry B, 2005, 109, 8580-8586.	1.2	27
144	Fluorometric Detection of pH and Metal Cations by 1,4,7,10-Tetraazacyclododecane (Cyclen) Bearing Two Anthrylmethyl Groups. Industrial & Engineering Chemistry Research, 2005, 44, 847-851.	1.8	14

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145	Bis-azamacrocyclic Anthracene as a Fluorescent Chemosensor for Cations in Aqueous Solution. Journal of Physical Chemistry B, 2005, 109, 19139-19147.	1.2	37
146	Titanosilicate Molecular Sieve for Size-Screening Photocatalytic Conversion. Journal of the American Chemical Society, 2005, 127, 8304-8306.	6.6	70
147	Transmethylation of olefin via S-methylsulfonium salts obtained by desulfurization of light oil. Journal of Molecular Catalysis A, 2004, 212, 115-119.	4.8	2
148	Desulfurization of Vacuum Gas Oil Based on Chemical Oxidation Followed by Liquidâ^'Liquid Extraction. Energy & Fuels, 2004, 18, 37-40.	2.5	62
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