

Nobuo Kimizuka

List of Publications by Year in descending order

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273
papers

11,317
citations

22153

59
h-index

39675

94
g-index

294
all docs

294
docs citations

294
times ranked

9403
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial Synthesis of Hollow TiO ₂ Microspheres in Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2003, 125, 6386-6387.	13.7	642
2	Spontaneous Self-Assembly of Glycolipid Bilayer Membranes in Sugar-philic Ionic Liquids and Formation of Ionogels. <i>Langmuir</i> , 2001, 17, 6759-6761.	3.5	320
3	Nanoparticles of Adaptive Supramolecular Networks Self-Assembled from Nucleotides and Lanthanide Ions. <i>Journal of the American Chemical Society</i> , 2009, 131, 2151-2158.	13.7	314
4	Heat-Set Gel-like Networks of Lipophilic Co(II) Triazole Complexes in Organic Media and Their Thermochromic Structural Transitions. <i>Journal of the American Chemical Society</i> , 2004, 126, 2016-2021.	13.7	281
5	Photon Upconversion in Supramolecular Gel Matrixes: Spontaneous Accumulation of Light-Harvesting Donor-Acceptor Arrays in Nanofibers and Acquired Air Stability. <i>Journal of the American Chemical Society</i> , 2015, 137, 1887-1894.	13.7	268
6	New Triplet Sensitization Routes for Photon Upconversion: Thermally Activated Delayed Fluorescence Molecules, Inorganic Nanocrystals, and Singlet-to-Triplet Absorption. <i>Accounts of Chemical Research</i> , 2017, 50, 2487-2495.	15.6	245
7	Photon Upconverting Liquids: Matrix-Free Molecular Upconversion Systems Functioning in Air. <i>Journal of the American Chemical Society</i> , 2013, 135, 19056-19059.	13.7	210
8	Near-Infrared-to-Visible Photon Upconversion Sensitized by a Metal Complex with Spin-Forbidden yet Strong S ₀ →T ₁ Absorption. <i>Journal of the American Chemical Society</i> , 2016, 138, 8702-8705.	13.7	178
9	Hierarchical Self-Assembly of Chiral Complementary Hydrogen-Bond Networks in Water: Reconstitution of Supramolecular Membranes. <i>Journal of the American Chemical Society</i> , 2001, 123, 6792-6800.	13.7	172
10	Tube-like Nanostructures Composed of Networks of Complementary Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 1995, 117, 6360-6361.	13.7	165
11	Thermodynamically Controlled Self-Assembly of Covalent Nanoarchitectures in Aqueous Solution. <i>ACS Nano</i> , 2011, 5, 3923-3929.	14.6	162
12	Light-Harvesting Supramolecular Hydrogels Assembled from Short-Legged Cationic L-Glutamate Derivatives and Anionic Fluorophores. <i>Advanced Materials</i> , 2002, 14, 1113.	21.0	156
13	Recent emergence of photon upconversion based on triplet energy migration in molecular assemblies. <i>Chemical Communications</i> , 2016, 52, 5354-5370.	4.1	152
14	Photoliquefiable Ionic Crystals: A Phase Crossover Approach for Photon Energy Storage Materials with Functional Multiplicity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1532-1536.	13.8	149
15	Self-organization of bilayer membranes from amphiphilic networks of complementary hydrogen bonds. <i>Journal of the American Chemical Society</i> , 1993, 115, 4387-4388.	13.7	146
16	Artificial Peptide-Nanospheres Self-Assembled from Three-Way Junctions of β -Sheet-Forming Peptides. <i>Journal of the American Chemical Society</i> , 2005, 127, 10148-10149.	13.7	145
17	Highly Efficient Photon Upconversion in Self-Assembled Light-Harvesting Molecular Systems. <i>Scientific Reports</i> , 2015, 5, 10882.	3.3	145
18	Supramolecular Thermo-Electrochemical Cells: Enhanced Thermoelectric Performance by Host-Guest Complexation and Salt-Induced Crystallization. <i>Journal of the American Chemical Society</i> , 2016, 138, 10502-10507.	13.7	139

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19	Supramolecular Membranes. Spontaneous Assembly of Aqueous Bilayer Membrane via Formation of Hydrogen Bonded Pairs of Melamine and Cyanuric Acid Derivatives. <i>Journal of the American Chemical Society</i> , 1998, 120, 4094-4104.	13.7	136
20	Controlled Formation of Smaller Gold Nanoparticles by the Use of Four-Chained Disulfide Stabilizer. <i>Langmuir</i> , 2001, 17, 271-273.	3.5	135
21	A liquid azobenzene derivative as a solvent-free solar thermal fuel. <i>Chemical Communications</i> , 2014, 50, 15803-15806.	4.1	120
22	Triplet sensitization by perovskite nanocrystals for photon upconversion. <i>Chemical Communications</i> , 2017, 53, 8261-8264.	4.1	119
23	Self-Organized Superstructures of Fluorocarbon-Stabilized Silver Nanoparticles. <i>Advanced Materials</i> , 2001, 13, 140-142.	21.0	117
24	Confining Molecules within Aqueous Coordination Nanoparticles by Adaptive Molecular Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9465-9468.	13.8	111
25	Self-Assembled Synthetic Viral Capsids from a 24-mer Viral Peptide Fragment. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9662-9665.	13.8	111
26	Fast and long-range triplet exciton diffusion in metal-organic frameworks for photon upconversion at ultralow excitation power. <i>Nature Materials</i> , 2015, 14, 924-930.	27.5	111
27	Bilayer membranes of triple-chain ammonium amphiphiles. <i>Journal of the American Chemical Society</i> , 1984, 106, 1978-1983.	13.7	108
28	Synthesis and Electric Properties of a Two-Dimensional Metal-Organic Framework Based on Phthalocyanine. <i>Chemistry - A European Journal</i> , 2018, 24, 1806-1810.	3.3	105
29	Near-Infrared Optogenetic Genome Engineering Based on Photon Upconversion Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17827-17833.	13.8	103
30	Increased vis-to-UV upconversion performance by energy level matching between a TADF donor and high triplet energy acceptors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6447-6451.	5.5	100
31	Ionic Liquids Induced Structural Changes of Bovine Serum Albumin in Aqueous Media: A Detailed Physicochemical and Spectroscopic Study. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11924-11935.	2.6	96
32	ATP as Building Blocks for the Self-Assembly of Excitonic Nanowires. <i>Journal of the American Chemical Society</i> , 2005, 127, 1358-1359.	13.7	92
33	Organic two-dimensional templates for the fabrication of inorganic nanostructures: Organic/inorganic superlattices. <i>Advanced Materials</i> , 1996, 8, 89-91.	21.0	91
34	Employing Core-Shell Quantum Dots as Triplet Sensitizers for Photon Upconversion. <i>Chemistry - A European Journal</i> , 2016, 22, 7721-7726.	3.3	87
35	Towards Self-Assembling Inorganic Molecular Wires. <i>Advanced Materials</i> , 2000, 12, 1461-1463.	21.0	81
36	A bis-cyclometalated iridium complex as a benchmark sensitizer for efficient visible-to-UV photon upconversion. <i>Chemical Communications</i> , 2014, 50, 13111-13113.	4.1	80

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37	Direct Preparation and Size Control of Palladium Nanoparticle Hydrosols by Water-Soluble Isocyanide Ligands. <i>Langmuir</i> , 2001, 17, 4701-4703.	3.5	78
38	Metal Coating of DNA Molecules by Cationic, Metastable Gold Nanoparticles. <i>Chemistry Letters</i> , 2002, 31, 1172-1173.	1.3	78
39	Photoresponsive molecular wires of FeII triazole complexes in organic media and light-induced morphological transformations. <i>Chemical Communications</i> , 2006, , 2442.	4.1	78
40	Near infrared-to-blue photon upconversion by exploiting direct Sâ€“T absorption of a molecular sensitizer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5063-5067.	5.5	77
41	Conversion of Molecular Information by Luminescent Nanointerface Self-Assembled from Amphiphilic Tb(III) Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 17370-17374.	13.7	76
42	Applicability of MIL-101(Fe) as a cathode of lithium ion batteries. <i>Chemical Communications</i> , 2017, 53, 8215-8218.	4.1	75
43	Demonstration of an azobenzene derivative based solar thermal energy storage system. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15042-15047.	10.3	75
44	Simple and Versatile Platform for Air-Tolerant Photon Upconverting Hydrogels by Biopolymerâ€“Surfactantâ€“Chromophore Co-assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 10848-10855.	13.7	74
45	Preparation of Highly Positively Charged Silver Nanoballs and Their Stability. <i>Langmuir</i> , 2000, 16, 5218-5220.	3.5	73
46	One-Pot Room-Temperature Synthesis of Single-Crystalline Gold Nanocorolla in Water. <i>Journal of the American Chemical Society</i> , 2009, 131, 14407-14412.	13.7	72
47	Vesicles in Salt: Formation of Bilayer Membranes from Dialkyldimethylammonium Bromides in Ether-containing Ionic Liquids. <i>Chemistry Letters</i> , 2002, 31, 1018-1019.	1.3	71
48	Photonâ€“Upconverting Ionic Liquids: Effective Triplet Energy Migration in Contiguous Ionic Chromophore Arrays. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11550-11554.	13.8	69
49	Lipid-Packaged Linear Iron(II) Triazole Complexes in Solution: Controlled Spin Conversion via Solvophobic Self-Assembly. <i>Journal of the American Chemical Society</i> , 2008, 130, 5622-5623.	13.7	68
50	Aggregationâ€“Induced Photon Upconversion through Control of the Triplet Energy Landscapes of the Solution and Solid States. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7544-7549.	13.8	67
51	Switching On Luminescence in Nucleotide/Lanthanide Coordination Nanoparticles via Synergistic Interactions with a Cofactor Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 3604-3607.	3.3	65
52	Gelation of Ionic Liquids with a Low Molecular-Weight Gelator Showing Tgel above 100 Â°C. <i>Chemistry Letters</i> , 2001, 30, 1154-1155.	1.3	64
53	Solid-State Photon Upconversion Materials: Structural Integrity and Tripletâ€“Singlet Dual Energy Migration. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4613-4624.	4.6	64
54	Supramolecular control of spin-crossover phenomena in lipophilic Fe(II)-1,2,4-triazole complexes. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5192-5202.	2.3	63

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55	Photon Upconversion and Molecular Solar Energy Storage by Maximizing the Potential of Molecular Self-Assembly. <i>Langmuir</i> , 2016, 32, 12304-12322.	3.5	63
56	Self-Assembling Molecular Wires of Halogen-Bridged Platinum Complexes in Organic Media. Mesoscopic Supramolecular Assemblies Consisting of a Mixed Valent Pt(II)/Pt(IV) Complex and Anionic Amphiphiles. <i>Inorganic Chemistry</i> , 2000, 39, 2684-2689.	4.0	62
57	New Colorimetric Detection of Glucose by Means of Electron-Accepting Indicators: Ligand Substitution of [Fe(acac) ₃ (phen) _n] ⁿ⁺ Complexes Triggered by Electron Transfer from Glucose Oxidase. <i>Chemistry - A European Journal</i> , 2002, 8, 5580-5584.	3.3	61
58	Formation of Uniform Fluorinated Gold Nanoparticles and Their Highly Ordered Hexagonally Packed Monolayer. <i>Langmuir</i> , 2001, 17, 2291-2293.	3.5	59
59	Donor-Acceptor-Collector Ternary Crystalline Films for Efficient Solid-State Photon Upconversion. <i>Journal of the American Chemical Society</i> , 2018, 140, 8788-8796.	13.7	57
60	Selective inclusion of anionic quantum dots in coordination network shells of nucleotides and lanthanide ions. <i>Chemical Communications</i> , 2010, 46, 4333.	4.1	55
61	Thermocells Driven by Phase Transition of Hydrogel Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020, 142, 17318-17322.	13.7	54
62	Design of a Dynamic Polymer Interface for Chiral Discrimination. <i>Journal of the American Chemical Society</i> , 2013, 135, 10282-10285.	13.7	53
63	Triplet energy migration-based photon upconversion by amphiphilic molecular assemblies in aerated water. <i>Chemical Science</i> , 2016, 7, 5224-5229.	7.4	53
64	Discovery of Key TIPS-Naphthalene for Efficient Visible-to-UV Photon Upconversion under Sunlight and Room Light**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 142-147.	13.8	52
65	Self-assembly-directed Spin Conversion of Iron(II) 1,2,4-Triazole Complexes in Solution and Their Effect on Photorelaxation Processes of Fluorescent Counter Ions. <i>Chemistry Letters</i> , 2008, 37, 446-447.	1.3	51
66	Molecular Dispersion of Chains in the Mixed-Valence Complexes [M(en) ₂][MCl ₂ (en) ₂] (M: Pt, Pd, Ni) and Anionic Amphiphiles in Organic Media. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 389-391.	13.8	50
67	Pillared honeycomb nanoarchitectures formed on solid surfaces by the self-assembly of lipid-packaged one-dimensional Pt complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4922-4926.	7.1	49
68	Photoresponsive Nanosheets of Polyoxometalates Formed by Controlled Self-Assembly Pathways. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2974-2978.	13.8	48
69	Stimuli-Responsive Molecular Photon Upconversion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10252-10264.	13.8	48
70	Molecularly Dispersed Donors in Acceptor Molecular Crystals for Photon Upconversion under Low Excitation Intensity. <i>Chemistry - A European Journal</i> , 2016, 22, 2060-2067.	3.3	47
71	Controlled self-assembly of nucleotide-lanthanide complexes: specific formation of nanofibers from dimeric guanine nucleotides. <i>Chemical Communications</i> , 2008, , 6534.	4.1	46
72	Leaping across the visible range: near-infrared-to-violet photon upconversion employing a silyl-substituted anthracene. <i>Chemical Communications</i> , 2020, 56, 7017-7020.	4.1	44

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73	Spin Statistics for Triplet-Triplet Annihilation Upconversion: Exchange Coupling, Intermolecular Orientation, and Reverse Intersystem Crossing. <i>Jacs Au</i> , 2021, 1, 2188-2201.	7.9	44
74	Spin crossover characteristics of nanofibrous Fell-1,2,4-triazole complexes in liquid crystals. <i>Chemical Communications</i> , 2010, 46, 1229.	4.1	43
75	Guest-binding behavior of peptide nanocapsules self-assembled from viral peptide fragments. <i>Polymer Journal</i> , 2013, 45, 529-534.	2.7	43
76	Quasi-thresholdless Photon Upconversion in Metal-Organic Framework Nanocrystals. <i>Nano Letters</i> , 2019, 19, 2169-2177.	9.1	43
77	Transcription of Chirality from Metal-Organic Framework to Polythiophene. <i>Journal of the American Chemical Society</i> , 2019, 141, 19565-19569.	13.7	43
78	Visible-to-UV Photon Upconversion Sensitized by Lead Halide Perovskite Nanocrystals. <i>Chemistry Letters</i> , 2019, 48, 1347-1350.	1.3	42
79	α -Helical Polypeptide Microcapsules Formed by Emulsion-Templated Self-Assembly. <i>Chemistry - A European Journal</i> , 2005, 11, 1574-1578.	3.3	41
80	Amplification of Molecular Information through Self-Assembly: Nanofibers Formed from Amino Acids and Cyanine Dyes by Extended Molecular Pairing. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 106-108.	13.8	37
81	Highly Fluorescent Metal-Organic-Framework Nanocomposites for Photonic Applications. <i>Nano Letters</i> , 2018, 18, 528-534.	9.1	37
82	Ultrathin Gold Nanosheets Formed by Photoreduction at the Ionic Liquid/Water Interface. <i>Chemistry Letters</i> , 2005, 34, 1234-1235.	1.3	35
83	Thermo-electrochemical cells empowered by selective inclusion of redox-active ions by polysaccharides. <i>Sustainable Energy and Fuels</i> , 2018, 2, 472-478.	4.9	35
84	Absolute Method to Certify Quantum Yields of Photon Upconversion via Triplet-Triplet Annihilation. <i>Journal of Physical Chemistry A</i> , 2019, 123, 10197-10203.	2.5	35
85	Formation of Stable Bilayer Membranes in Binary Aqueous/Organic Media from a Dialkyl Amphiphile with a Highly Dipolar Head Group 1. <i>Journal of the American Chemical Society</i> , 1996, 118, 5808-5809.	13.7	34
86	Lectin-mediated Supramolecular Junctions of Galactose-derivatized Single-walled Carbon Nanotubes. <i>Chemistry Letters</i> , 2003, 32, 212-213.	1.3	34
87	Trigonal tryptophane zipper as a novel building block for pH-responsive peptide nano-assemblies. <i>Chemical Communications</i> , 2011, 47, 265-267.	4.1	34
88	Specific assemblies of the naphthalene unit in monolayers and the consequent control of energy transfer. <i>Journal of the American Chemical Society</i> , 1989, 111, 3758-3759.	13.7	33
89	Supramolecular Assemblies Comprised of One-Dimensional Mixed Valence Platinum Complex and Anionic Amphiphiles in Organic Media. <i>Chemistry Letters</i> , 1998, 27, 695-696.	1.3	33
90	Self-Assembly of Nanofiber with Uniform Width from Wheel-Type Trigonal- β -Sheet-Forming Peptide. <i>Biomacromolecules</i> , 2008, 9, 913-918.	5.4	33

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91	Spontaneous self-assembly of nanospheres from trigonal conjugate of glutathione in water. <i>Soft Matter</i> , 2009, 5, 2463.	2.7	33
92	An Electropolymerized Crystalline Film Incorporating Axially-Bound Metalloporphycenes: Remarkable Reversibility, Reproducibility, and Coloration Efficiency of Ruthenium(II/III)-Based Electrochromism. <i>Inorganic Chemistry</i> , 2015, 54, 11061-11063.	4.0	33
93	In optimized rubrene-based nanoparticle blends for photon upconversion, singlet energy collection outcompetes triplet-pair separation, not singlet fission. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4684-4696.	5.5	33
94	Self-assembly of Ni-NTA-modified β -annulus peptides into artificial viral capsids and encapsulation of His-tagged proteins. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7869-7874.	2.8	32
95	In Situ Observation of Spherical DNA Assembly in Water and the Controlled Release of Bound Dyes. <i>Biomacromolecules</i> , 2007, 8, 2726-2732.	5.4	31
96	<i>In Situ</i> STM Investigation of Aromatic Poly(azomethine) Arrays Constructed by "On-Site" Equilibrium Polymerization. <i>Langmuir</i> , 2012, 28, 13844-13851.	3.5	31
97	Metallonaphthalocyanines as triplet sensitizers for near-infrared photon upconversion beyond 850 nm. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22557-22560.	2.8	31
98	Nonpentacene Polarizing Agents with Improved Air Stability for Triplet Dynamic Nuclear Polarization at Room Temperature. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2208-2213.	4.6	31
99	Nonpolar-to-Polar Phase Transition of a Chiral Ionic Plastic Crystal and Switch of the Rotation Symmetry. <i>Journal of the American Chemical Society</i> , 2018, 140, 291-297.	13.7	30
100	Hexakis(2,3,6-tri-O-methyl)- β -cyclodextrin ⁵⁺ complex in aqueous thermocells and enhancement in the Seebeck coefficient. <i>Chemical Science</i> , 2019, 10, 773-780.	7.4	30
101	Spatially Controlled Synthesis of Protein/Inorganic Nano-assembly: Alternate Molecular Layers of Cytcd and TiO ₂ Nanoparticles. <i>Chemistry Letters</i> , 1999, 28, 1333-1334.	1.3	29
102	Holey Gold Nanowires Formed by Photoconversion of Dissipative Nanostructures Emerged at the Aqueous/Organic Interface. <i>Small</i> , 2009, 5, 2043-2047.	10.0	29
103	All-or-none switching of photon upconversion in self-assembled organogel systems. <i>Faraday Discussions</i> , 2017, 196, 305-316.	3.2	29
104	Dynamic Nuclear Polarization of Metal-Organic Frameworks Using Photoexcited Triplet Electrons. <i>Journal of the American Chemical Society</i> , 2018, 140, 15606-15610.	13.7	29
105	Mobile supported monolayers of ionic amphiphiles: variation of domain morphology via preadsorbed polyelectrolytes. <i>Langmuir</i> , 1992, 8, 1360-1365.	3.5	28
106	Controlled self-assembly of amphiphiles in ionic liquids and the formation of ionogels by molecular tuning of cohesive energies. <i>Polymer Journal</i> , 2012, 44, 665-671.	2.7	28
107	Controlled Polymerization and Self-Assembly of Halogen-Bridged Diruthenium Complexes in Organic Media and Their Dielectrophoretic Alignment. <i>Journal of the American Chemical Society</i> , 2012, 134, 1192-1199.	13.7	28
108	Hybridizing semiconductor nanocrystals with metal-organic frameworks for visible and near-infrared photon upconversion. <i>Dalton Transactions</i> , 2018, 47, 8590-8594.	3.3	28

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109	Stimuli-Responsive Dual-Color Photon Upconversion: A Singlet-to-Triplet Absorption Sensitizer in a Soft Luminescent Cyclophane. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2806-2810.	13.8	28
110	Preorganized Chromophores Facilitate Triplet Energy Migration, Annihilation and Upconverted Singlet Energy Collection. <i>Journal of the American Chemical Society</i> , 2016, 138, 6541-6549.	13.7	27
111	Liquid-Based Multijunction Molecular Solar Thermal Energy Collection Device. <i>Advanced Science</i> , 2021, 8, e2103060.	11.2	27
112	Controlled morphology and photoreduction characteristics of polyoxometalate(POM)/lipid complexes and the effect of hydrogen bonding at molecular interfaces. <i>Chemical Communications</i> , 2011, 47, 6455.	4.1	26
113	Photon Upconverting Solid Films with Improved Efficiency for Endowing Perovskite Solar Cells with Near-Infrared Sensitivity. <i>ChemPhotoChem</i> , 2020, 4, 5271-5278.	3.0	26
114	Materials chemistry of triplet dynamic nuclear polarization. <i>Chemical Communications</i> , 2020, 56, 7217-7232.	4.1	26
115	Supramolecular Crowding Can Avoid Oxygen Quenching of Photon Upconversion in Water. <i>Chemistry - A European Journal</i> , 2019, 25, 6124-6130.	3.3	26
116	Self-assembly in mesoscopic dimension and artificial supramolecular membranes. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 702-709.	6.1	24
117	Binding of lectins to DNA micro-assemblies: Modification of nucleo-cages with lactose-conjugated psoralen. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4311-4317.	3.0	24
118	Water/Ionic Liquid Interfaces as Fluid Scaffolds for the Two-Dimensional Self-Assembly of Charged Nanospheres. <i>Langmuir</i> , 2011, 27, 1281-1285.	3.5	24
119	One-pot alkaline vapor oxidation synthesis and electrocatalytic activity towards glucose oxidation of CuO nanobelt arrays. <i>RSC Advances</i> , 2011, 1, 187.	3.6	24
120	Supramolecular Thermocells Based on Thermo-Responsiveness of Host-Guest Chemistry. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1525-1546.	3.2	24
121	Heavy metal-free visible-to-UV photon upconversion with over 20% efficiency sensitized by a ketocoumarin derivative. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4558-4562.	5.5	23
122	Osmium Complex-Chromophore Conjugates with Both Singlet-to-Triplet Absorption and Long Triplet Lifetime through Tuning of the Heavy-Atom Effect. <i>Inorganic Chemistry</i> , 2022, 61, 5982-5990.	4.0	23
123	Molecular orientation of azobenzene amphiphiles in surface monolayers and Langmuir-Blodgett multilayers. <i>Colloids and Surfaces</i> , 1989, 38, 79-91.	0.9	22
124	Formation of an Isolated Spherical Three-Dimensional Nanoparticle Assembly as Stable Submicrometer-Sized Units by Using an Inorganic Wrapping Technique. <i>Advanced Materials</i> , 2003, 15, 499-503.	21.0	22
125	Glutathione Nanosphere: Self-Assembly of Conformation-Regulated Trigonal-Glutathiones in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 880-886.	3.2	22
126	Biopolymer-Encapsulated Protein Microcapsules Spontaneously Formed at the Ionic Liquid-Water Interface. <i>Biomacromolecules</i> , 2012, 13, 4075-4080.	5.4	22

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127	Controlled Self-Assembly and Luminescence Characteristics of Eu(III) Complexes in Binary Aqueous/Organic Media. <i>Langmuir</i> , 2013, 29, 12930-12935.	3.5	22
128	Air-Sensitive Photoredox Catalysis Performed under Aerobic Conditions in Gel Networks. <i>Journal of Organic Chemistry</i> , 2018, 83, 7928-7938.	3.2	22
129	Triplet Dynamic Nuclear Polarization of Guest Molecules through Induced Fit in a Flexible Metal-Organic Framework**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	22
130	Solvatochromic Nanowires Self-assembled from Cationic, Chloro-bridged Linear Platinum Complexes and Anionic Amphiphiles. <i>Chemistry Letters</i> , 2002, 31, 1252-1253.	1.3	21
131	Two-dimensional structural ordering in a chromophoric ionic liquid for triplet energy migration-based photon upconversion. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3233-3240.	2.8	21
132	Triplet dynamic nuclear polarization of crystalline ice using water-soluble polarizing agents. <i>Chemical Communications</i> , 2020, 56, 3717-3720.	4.1	21
133	Light-Triggered, Non-Centrosymmetric Self-Assembly of Aqueous Arylazopyrazoles at the Air-Water Interface and Switching of Second-Harmonic Generation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6333-6338.	13.8	21
134	AFM Observation of Organogel Nanostructures on Graphite in the Gel-Assisted Transfer Technique. <i>Chemistry Letters</i> , 1998, 27, 967-968.	1.3	20
135	Visible-to-UV Photon Upconversion in Nanostructured Chromophoric Ionic Liquids. <i>ChemistryOpen</i> , 2020, 9, 14-17.	1.9	20
136	Mesoscopic Sheets of a Cyano-Bridged Cu ₂ Ni Coordination Complex: Template Synthesis at the Interlayers of Cast Multibilayer Films. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2483-2485.	4.4	19
137	Aggregation-free sensitizer dispersion in rigid ionic crystals for efficient solid-state photon upconversion and demonstration of defect effects. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5609-5615.	5.5	19
138	High Positive Seebeck Coefficient of Aqueous I ³⁺ /I ₃ ⁻ Thermocells Based on Host-Guest Interactions and LCST Behavior of PEGylated β -Cyclodextrin. <i>ACS Applied Energy Materials</i> , 2021, 4, 5326-5331.	5.1	19
139	Acid-Base Equilibria of Merocyanine Air-Water Monolayers. <i>Langmuir</i> , 1994, 10, 3743-3748.	3.5	18
140	Aqueous Nanospheres Self-Assembled from Hyperbranched Polymers and Silver Ions: Molecular Inclusion and Photoreduction Characteristics. <i>Macromolecules</i> , 2010, 43, 8971-8976.	4.8	18
141	Recent Progress in Photon Upconverting Gels. <i>Gels</i> , 2019, 5, 18.	4.5	18
142	Synthesis of Chiral Labt _b and Visualization of Its Enantiomeric Excess by Induced Circular Dichroism Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 6698-6702.	3.3	18
143	Thermal Stability and Specific Dye Binding of a Hydrogen-Bond-Mediated Bilayer Membrane. <i>Chemistry Letters</i> , 1994, 23, 33-36.	1.3	17
144	Calix[4]arene-Mediated Transport of Alkali Ions Across Synthetic Black Lipid Membranes (BLM). <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 3681-3684.	3.2	17

#	ARTICLE	IF	CITATIONS
145	Preparation and Reactivity of Vitamin B12@TiO ₂ Hybrid Catalyst Immobilized on a Glass Plate. Bulletin of the Chemical Society of Japan, 2010, 83, 170-172.	3.2	17
146	Photoresponsive Nanosheets of Polyoxometalates Formed by Controlled Self-Assembly Pathways. Angewandte Chemie, 2017, 129, 3020-3024.	2.0	17
147	Enhanced Seebeck coefficients of thermocells by heat-induced deposition of I ₃ ⁻ /hydrophobized I ₃ -cyclodextrin complexes on electrodes. Chemical Communications, 2020, 56, 7013-7016.	4.1	17
148	Regioselective Functionalization of the Mesoporous Metal-Organic Framework, NU-1000, with Photo-Active Tris-(2,2'-bipyridine)ruthenium(II). ACS Omega, 2020, 5, 30299-30305.	3.5	17
149	Controlled Formation of CdS Particles in Multilayer Cast Films of Amphiphilic Cyclams. Chemistry Letters, 1991, 20, 2039-2042.	1.3	16
150	Synthesis of TiO ₂ Nanocoral Structures in Ever-Changing Aqueous Reaction Systems. Langmuir, 2012, 28, 2637-2642.	3.5	16
151	Thermodynamic Self-Assembly of Two-Dimensional i-C ₆₀ -Conjugated Metal-Organic Frameworks by On-Site Equilibrium Polymerization. Journal of Nanoscience and Nanotechnology, 2014, 14, 2211-2216.	0.9	16
152	Hierarchical Hybrid Metal-Organic Frameworks: Tuning the Visible/Near-Infrared Optical Properties by a Combination of Porphyrin and Its Isomer Units. Inorganic Chemistry, 2019, 58, 4647-4656.	4.0	16
153	Visible-to-UV photon upconversion in air-saturated water by multicomponent co-assembly. Molecular Systems Design and Engineering, 2020, 5, 792-796.	3.4	16
154	Porphyrins as Versatile, Aggregation-Tolerant, and Biocompatible Polarizing Agents for Triplet Dynamic Nuclear Polarization of Biomolecules. Journal of Physical Chemistry Letters, 2021, 12, 2645-2650.	4.6	16
155	Kinetically controlled crystal growth approach to enhance triplet energy migration-based photon upconversion. Journal of Photonics for Energy, 2017, 8, 1.	1.3	16
156	Green-to-UV photon upconversion enabled by new perovskite nanocrystal-transmitter-emitter combination. Nanoscale, 2021, 13, 19890-19893.	5.6	16
157	Molecular Orientation and Domain Formation in Surface Monolayers of Azobenzene-Containing Amphiphiles and Their Polyion Complexes. Chemistry Letters, 1988, 17, 827-830.	1.3	15
158	Spectral Characteristics and Molecular Orientation of Azobenzene-Containing Hydrogen-Bond-Mediated Bilayer Membranes. Chemistry Letters, 1994, 23, 1399-1402.	1.3	15
159	Supramolecular solvatochromism. Effect of solvents on the self-assembly and charge transfer absorption characteristics of lipid-packaged, linear mixed-valence platinum complexes. Science and Technology of Advanced Materials, 2006, 7, 629-634.	6.1	15
160	Coordination Structure Changes of Linear Cobalt(II) Triazole Complexes Induced by Binding of Long-chained Alcohols: Adaptive Molecular Clefts. Chemistry Letters, 2008, 37, 192-193.	1.3	15
161	Controlled Release of Guest Molecules from Spherical Assembly of Trigonal Gultathione by Disulfide Recombination. Chemistry Letters, 2011, 40, 711-713.	1.3	15
162	Synthesis and Properties of Acetylene-bridged N-Confused Porphyrin Dimers. Chemistry Letters, 2011, 40, 1021-1023.	1.3	15

#	ARTICLE	IF	CITATIONS
163	Translating MOF chemistry into supramolecular chemistry: soluble coordination nanofibers showing efficient photon upconversion. <i>Chemical Communications</i> , 2018, 54, 6828-6831.	4.1	15
164	Upconverting Oil-Laden Hollow Mesoporous Silica Microcapsules for Anti-Stokes-Based Biophotonic Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26571-26580.	8.0	15
165	A Liquid Arylazopyrazole Derivative as Molecular Solar Thermal Fuel with Long-term Thermal Stability. <i>Chemistry Letters</i> , 2020, 49, 736-740.	1.3	15
166	Two-Dimensional Arrangement of Polynuclear Metal Complexes in the Interlayer of Multilayer Cast Films. <i>Chemistry Letters</i> , 1994, 23, 1837-1840.	1.3	14
167	In Situ Observation of Spherical DNA Assembly "Nucleo-cages" in Water and Their Stabilization by Photocrosslinking. <i>Chemistry Letters</i> , 2006, 35, 486-487.	1.3	14
168	Chemical liquid deposition of aromatic poly(azomethine)s by spontaneous on-site polycondensation in aqueous solution. <i>Chemical Communications</i> , 2012, 48, 3103.	4.1	14
169	Peptide nanospheres self-assembled from a modified α -annulus peptide of <i>Sesbania mosaic virus</i> . <i>Biopolymers</i> , 2016, 106, 470-475.	2.4	14
170	Increased Seebeck Coefficient of $[\text{Fe}(\text{CN})_6]^{4-}$ Thermocell Based on the Selective Electrostatic Interactions with Cationic Micelles. <i>Chemistry Letters</i> , 2020, 49, 1197-1200.	1.3	14
171	Bulk Transparent Photon Upconverting Films by Dispersing High-Concentration Ionic Emitters in Epoxy Resins. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13676-13683.	8.0	14
172	Electrochemically Controlled Self-assembly of Lipophilic Fell 1,2,4-Triazole Complexes in Chloroform. <i>Chemistry Letters</i> , 2010, 39, 790-791.	1.3	13
173	Positional selectivity of reversible azomethine condensation reactions at solid/liquid interfaces leading to supramolecule formation. <i>Journal of Electroanalytical Chemistry</i> , 2014, 716, 145-149.	3.8	13
174	Self-Assembly of Azobenzene Bilayer Membranes in Binary Ionic Liquid "Water Nanostructured Media. <i>Langmuir</i> , 2014, 30, 2376-2384.	3.5	13
175	Synthesis of a Redox-active Metal-Organic Framework MIL-116(Fe) and Its Lithium Ion Battery Cathode Properties. <i>Chemistry Letters</i> , 2019, 48, 1379-1382.	1.3	13
176	Number of Surface-Attached Acceptors on a Quantum Dot Impacts Energy Transfer and Photon Upconversion Efficiencies. <i>ACS Photonics</i> , 2020, 7, 1876-1884.	6.6	13
177	Photon upconverting bioplastics with high efficiency and in-air durability. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11655-11661.	5.5	13
178	Singlet-to-Triplet Absorption for Near-Infrared-to-Visible Photon Upconversion. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1760-1768.	3.2	13
179	Bilayer Membranes of Four-Chained Ammonium Amphiphiles. <i>Chemistry Letters</i> , 1990, 19, 29-32.	1.3	12
180	Organization of One-Dimensional Mixed-Valence Platinum Complexes at the Air-Water Interface and in Langmuir-Blodgett Films. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 103-110.	0.3	12

#	ARTICLE	IF	CITATIONS
181	Self-Assembled Nanowires of Lipid-packaged Halogen-bridged Platinum Complexes Formed by One-pot Oxidation of Pt(en) ₂ complexes by Au(III) Ions. <i>Chemistry Letters</i> , 2005, 34, 248-249.	1.3	12
182	Self-assembly and functionalization of lipophilic metal-triazole complexes in various media. <i>Polymer Journal</i> , 2013, 45, 384-390.	2.7	12
183	Triplet dynamic nuclear polarization of nanocrystals dispersed in water at room temperature. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16408-16412.	2.8	12
184	Near-Infrared Optogenetic Genome Engineering Based on Photon Upconversion Hydrogels. <i>Angewandte Chemie</i> , 2019, 131, 17991-17997.	2.0	12
185	A Theoretical Basis for the Enhancement of Seebeck Coefficients in Supramolecular Thermocells. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1142-1147.	3.2	12
186	High seebeck coefficient in middle-temperature thermocell with deep eutectic solvent. <i>Scientific Reports</i> , 2021, 11, 11929.	3.3	12
187	CTAB-induced morphological transition of DNA micro-assembly from filled spheres to hollow capsules. <i>Molecular BioSystems</i> , 2009, 5, 921.	2.9	11
188	Stimuli-Responsive Dual-Color Photon Upconversion: A Singlet-Triplet Absorption Sensitizer in a Soft Luminescent Cyclophane. <i>Angewandte Chemie</i> , 2018, 130, 2856-2860.	2.0	11
189	A supramolecular thermocell consisting of ferrocenecarboxylate and β -cyclodextrin that has a negative Seebeck coefficient. <i>Polymer Journal</i> , 2018, 50, 771-774.	2.7	11
190	Electrochemical Thermoelectric Conversion with Polysulfide as Redox Species. <i>ChemSusChem</i> , 2019, 12, 4014-4020.	6.8	11
191	Near-Infrared-to-Visible Photon Upconversion by Introducing an S ¹ T Absorption Sensitizer into a Metal-Organic Framework. <i>ChemNanoMat</i> , 2020, 6, 916-919.	2.8	11
192	Syntheses and Self-assembling Behaviors of Pentagonal Conjugates of Tryptophane Zipper-Forming Peptide. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5187-5199.	4.1	10
193	Spectroscopic readout of polyoxometalates' molecular information via self-assembly. <i>Chemical Communications</i> , 2014, 50, 599-601.	4.1	10
194	Enhancement of Ionic Conductivity in Organic Ionic Plastic Crystals by Introducing Racemic Ammonium Ions. <i>Chemistry Letters</i> , 2018, 47, 497-499.	1.3	10
195	Enhanced Electric Polarization and Polar Switching of Dipolar Aromatic Liquids Confined in Supramolecular Gel Networks. <i>Journal of the American Chemical Society</i> , 2020, 142, 1424-1432.	13.7	10
196	Discovery of Key TIPS-Naphthalene for Efficient Visible-to-UV Photon Upconversion under Sunlight and Room Light**. <i>Angewandte Chemie</i> , 2021, 133, 144-149.	2.0	10
197	Polymorphism in Bilayer Membranes of Novel Double-Chain Ammonium Amphiphiles. <i>Chemistry Letters</i> , 1988, 17, 1911-1914.	1.3	9
198	Template-Synthesis of Dimension-Diminished Lead Halide Clusters at the Interlayer of Multibilayer Cast Films. <i>Chemistry Letters</i> , 1993, 22, 941-944.	1.3	9

#	ARTICLE	IF	CITATIONS
199	Adsorption-induced Self-fusion of Cationic Gold Nanoparticles on Tobacco Mosaic Virus (TMV). <i>Chemistry Letters</i> , 2005, 34, 1498-1499.	1.3	9
200	Interlocked dimerization of C ₃ -Symmetrical boron difluoride complex: designing non-cooperative supramolecular materials for luminescent thin films. <i>RSC Advances</i> , 2015, 5, 60373-60379.	3.6	9
201	A Novel Thermocell System Using Proton Solvation Entropy. <i>Chemistry - A European Journal</i> , 2021, 27, 4287-4290.	3.3	9
202	Nanoencapsulated Phase-Change Materials: Versatile and Air-Tolerant Platforms for Triplet-Triplet Annihilation Upconversion. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4132-4143.	8.0	9
203	SPECTRAL CHARACTERISTICS AND EFFICIENT ENERGY TRANSFER IN NAPHTHALENE-CONTAINING BILAYER MEMBRANES. <i>Chemistry Letters</i> , 1985, 14, 1817-1820.	1.3	8
204	Orientation and Distribution of the Carbazole Unit in Monolayers and Their Fluorescence Characteristics. <i>Chemistry Letters</i> , 1989, 18, 909-912.	1.3	8
205	Bilayer Formation in Ethanol from Dialkylammonium Amphiphile Appended with Nitroaniline Moiety. <i>Chemistry Letters</i> , 1997, 26, 1049-1050.	1.3	8
206	Enzymatic Synthesis of Gold Nanoparticles Wrapped by Glucose Oxidase. <i>Chemistry Letters</i> , 2005, 34, 416-417.	1.3	8
207	Photoinduced Crystallization in Ionic Liquids: Photodimerization-induced Equilibrium Shift and Crystal Patterning. <i>Chemistry Letters</i> , 2015, 44, 908-910.	1.3	8
208	Growth of Two-Dimensional Metal-Organic Framework Nanosheet Crystals on Graphite Substrates by Thermal Equilibrium Treatment in Acetic Acid Vapor. <i>ChemNanoMat</i> , 2015, 1, 259-263.	2.8	8
209	Selective Ionic Conduction in Choline Iodide/Triiodide Solid Electrolyte and Its Application to Thermocells. <i>Chemistry Letters</i> , 2018, 47, 261-264.	1.3	8
210	Oligo(ethylene glycol)/alkyl-modified Chromophore Assemblies for Photon Upconversion in Water. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1723-1728.	3.3	8
211	Ionic Charge-Transfer Liquid Crystals Formed by Alternating Supramolecular Copolymerization of Liquid Donors and TCNQ. <i>Frontiers in Chemistry</i> , 2021, 9, 657246.	3.6	8
212	Design Guidelines to Elongate Spin-Lattice Relaxation Times of Porphyrins with Large Triplet Electron Polarization. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4334-4340.	2.5	8
213	Organization of Hydrophilic Nanoparticles on a Hydrogel Surface and Their Gel-Assisted Transfer to Solid Substrates. <i>Advanced Materials</i> , 1998, 10, 1373-1376.	21.0	7
214	Lanthanide Ion-Mediated Hydrolysis of DNA on Phosphate Bilayer Membrane. <i>Chemistry Letters</i> , 1999, 28, 29-30.	1.3	7
215	Supramolecular Holoenzymes: Activity Modulation of Endonuclease by the Use of Synthetic Bilayer Membranes as Regulatory Cofactors. <i>Journal of the American Chemical Society</i> , 2001, 123, 1764-1765.	13.7	7
216	EFFECT OF LIPID-PACKAGING ON THE CHARGE TRANSFER CHARACTERISTICS OF ONE-DIMENSIONAL, MIXED-VALENCE PLATINUM COMPLEXES. <i>International Journal of Nanoscience</i> , 2002, 01, 391-395.	0.7	7

#	ARTICLE	IF	CITATIONS
217	Electrochemically Controlled 2D Assembly of Paddle-Wheel Diruthenium Complexes on the Au(111) Surface and Identification of Their Redox States. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17729-17733.	3.1	7
218	Converting molecular information of redox coenzymes via self-assembly. <i>Chemical Communications</i> , 2012, 48, 11106.	4.1	7
219	Ferroelectric Coordination Polymers Self-Assembled from Mesogenic Zinc(II) Porphyrin and Dipolar Bridging Ligands. <i>Chemistry - A European Journal</i> , 2016, 22, 14213-14218.	3.3	7
220	Electrical conductivity of organized chromophores in bilayer film. <i>Synthetic Metals</i> , 1987, 18, 861-866.	3.9	6
221	Effects of Chain Length and Polymer Complexation on the Aggregation and Orientation of Hemicyanine Monolayers. <i>Langmuir</i> , 1994, 10, 2743-2747.	3.5	6
222	Deposition of photo-generated mixed-valent Fe(II)-Fe(III) complexes at the surface of Langmuir monolayers. <i>Surface Science</i> , 1997, 386, 245-248.	1.9	6
223	Light-Reducible Dissipative Nanostructures Formed at the Solid-Liquid Interface. <i>Langmuir</i> , 2014, 30, 14219-14225.	3.5	6
224	Design Guidelines for Rigid Epoxy Resins with High Photon Upconversion Efficiency: Critical Role of Emitter Concentration. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22771-22780.	8.0	6
225	Formation of Nanoparticle Arrays at the Interlayer of Aqueous Phosphate Bilayers. <i>Chemistry Letters</i> , 2002, 31, 528-529.	1.3	5
226	Redox-active Microcapsules of Cytochrome <i>c</i> Formed at the Ionic Liquid-Water Interface. <i>Chemistry Letters</i> , 2013, 42, 788-790.	1.3	5
227	Hierarchical Self-Assembly of Luminescent Tartrate-Bridged Chiral Binuclear Tb(III) Complexes in Ethanol. <i>Langmuir</i> , 2016, 32, 10597-10603.	3.5	5
228	Sensitizer-Free Photon Upconversion in Single-Component Brominated Aromatic Crystals. <i>ChemistrySelect</i> , 2017, 2, 7597-7601.	1.5	5
229	Liquid Bisazobenzenes as Molecular Solar Thermal Fuel with Enhanced Energy Density. <i>Chemistry Letters</i> , 2022, 51, 402-406.	1.3	5
230	Photoinduced Outgrowth of Gold Nanotadpoles in Aqueous Bilayer Dispersions. <i>Chemistry Letters</i> , 2009, 38, 688-689.	1.3	4
231	Reentrant Gel-Sol-Gel Transition of a Lipophilic Co(II) Coordination Polymer. <i>Chemistry Letters</i> , 2018, 47, 97-99.	1.3	4
232	Monomolecular covalent honeycomb nanosheets produced by surface-mediated polycondensation between 1,3,5-triamino benzene and benzene-1,3,5-tricarbox aldehyde on Au(111). <i>Nanoscale Advances</i> , 2020, 2, 3202-3208.	4.6	4
233	Selective Transport of Alkali Metal Ions Across Black Lipid Membranes (BLM) Composed of Ionophilic Amphiphiles. <i>Chemistry Letters</i> , 1996, 25, 521-522.	1.3	3
234	Controlled Formation of Microspheres from Ferrocene-derivatized Amino Acids in Binary Aqueous/Organic Media. <i>Chemistry Letters</i> , 2013, 42, 501-503.	1.3	3

#	ARTICLE	IF	CITATIONS
235	Aqueous Photon Upconversion by Anionic Acceptors Self-Assembled on Cationic Bilayer Membranes with a Long Triplet Lifetime. <i>Organic Materials</i> , 2019, 01, 043-049.	2.0	3
236	Polar Switching of Dipolar Molecules Confined in Submicron- and Micron-sized Pores in Polymer Films. <i>Chemistry Letters</i> , 2020, 49, 255-259.	1.3	3
237	Stimuli-Responsive Molecular Photon Upconversion. <i>Angewandte Chemie</i> , 2020, 132, 10336-10348.	2.0	3
238	Photon Upconversion in TTA-Inducing Ionic Liquids: Pinpointing the Role of IL Nanostructured Media Using MD Simulations. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3137-3144.	2.6	3
239	Towards Self-Assembling Inorganic Molecular Wires. <i>Advanced Materials</i> , 2000, 12, 1461-1463.	21.0	3
240	New Self-Assembling Nanomaterials: Development of Nanowires Based on the One-Dimensional Metal Complexes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2004, 62, 440-446.	0.1	3
241	Triplet Dynamic Nuclear Polarization of Guest Molecules through Induced Fit in a Flexible Metal-Organic Framework**. <i>Angewandte Chemie</i> , 0, , .	2.0	3
242	Templated Synthesis of Mesoscopic Tube Silicates Using Aqueous Mixtures of Naphthalenediol and Ammonium Surfactants. <i>Chemistry Letters</i> , 2005, 34, 462-463.	1.3	2
243	Molecular Self-Assembly in Ionic Liquids. , 2005, , 143-156.		2
244	Morphological Transformation of Ultrathin Gold Nanosheets to Rounded Nanotapes in the Photomediated Reduction Process. <i>Chemistry Letters</i> , 2008, 37, 352-353.	1.3	2
245	Synthesis of Lipophilic Gold Nanosheets by Using Reducing Stabilizers and Their Reversible Transformation between Golden Solid. <i>Chemistry Letters</i> , 2010, 39, 226-227.	1.3	2
246	Introduction of Thiourea into Metal-Organic Frameworks by Immersion Technique and Their Phase Transition Characteristics. <i>Chemistry Letters</i> , 2017, 46, 115-117.	1.3	2
247	Liquid crystalline microspheres of azobenzene amphiphiles formed by thermally induced pH changes in binary water-hydrolytic ionic liquid media. <i>Chemical Communications</i> , 2019, 55, 5459-5462.	4.1	2
248	Polar Switching of Dipolar Molecules Induced by Solid Dispersion-to-organogel Phase Transition. <i>Chemistry Letters</i> , 2020, 49, 267-271.	1.3	2
249	Near-infrared vapochromism in lipid-packaged mixed-valence coordination polymers. <i>Chemical Communications</i> , 2022, 58, 2112-2115.	4.1	2
250	Laser-induced geometrical change of fluorescent traps in cast films of carbazole-containing bilayer membranes. <i>Thin Solid Films</i> , 1991, 202, 137-143.	1.8	1
251	Protein Assembly on Solid Surfaces by Gel-Assisted Transfer (GAT) Technique. <i>Chemistry Letters</i> , 1998, 27, 821-822.	1.3	1
252	Visible-to-UV Photon Upconversion in Nanostructured Chromophoric Ionic Liquids. <i>ChemistryOpen</i> , 2020, 9, 3-3.	1.9	1

#	ARTICLE	IF	CITATIONS
253	Light-Triggered, Non-Centrosymmetric Self-Assembly of Aqueous Arylazopyrazoles at the Air-Water Interface and Switching of Second-Harmonic Generation. <i>Angewandte Chemie</i> , 2021, 133, 6403-6408.	2.0	1
254	Organization of Hydrophilic Nanoparticles on a Hydrogel Surface and Their Gel-Assisted Transfer to Solid Substrates. , 1998, 10, 1373.		1
255	Soluble Amphiphilic Nanostructures and Potential Applications. , 2005, , .		1
256	Exciton Recycling in Triplet Energy Transfer from a Defect-Rich Quantum Dot to an Organic Molecule. <i>Journal of Physical Chemistry C</i> , 2022, 126, 11674-11679.	3.1	1
257	Controlled Growth of Gold Nanoparticles in Organic Gels. <i>Studies in Surface Science and Catalysis</i> , 2001, 132, 525-528.	1.5	0
258	Supramolecular Nanostructures Formed from Dicationic Azobenzene Compounds and Perfluorinated Dicarboxylic Acids.. <i>Kobunshi Ronbunshu</i> , 2002, 59, 772-777.	0.2	0
259	Self-Assembling Nanofibers Formed from Lipophilic Supramolecular Metal Complexes. <i>Kobunshi</i> , 2006, 55, 138-141.	0.0	0
260	Spatio-selective surface modification of glass assisted by laser-induced deposition of gold nanoparticles. <i>Thin Solid Films</i> , 2006, 515, 1618-1622.	1.8	0
261	Nano-Film Structures Constructed by Self-Assembly of Co(III) Biuretato Complexes and Long Alkyl Imidazolium Cations. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 307-312.	0.9	0
262	Formation, Assembly, and Function of Nano- and Micron-Sized Coordination Polymer Particles. <i>Kobunshi Ronbunshu</i> , 2013, 70, 235-241.	0.2	0
263	Coordination Lamellar Nanofibers Consisting of <i>N</i> -(2-Hydroxydodecyl)-substituted Amino Acid and Divalent Copper Cation. <i>Chemistry Letters</i> , 2014, 43, 1031-1033.	1.3	0
264	Self-assembly of Oligo(ethylene oxide)-linked Diammonium Ions with Polyoxometalates into Ordered Polyhedron Nanocrystals in Aqueous Media. <i>Chemistry Letters</i> , 2017, 46, 430-433.	1.3	0
265	Specific Uniaxial Self-assembly of Columnar Perylene Liquid Crystals in Au Nanofin Arrays. <i>Chemistry Letters</i> , 2018, 47, 354-357.	1.3	0
266	Innentitelbild: Stimuli-Responsive Dual-Color Photon Upconversion: A Singlet-to-Triplet Absorption Sensitizer in a Soft Luminescent Cyclophane (<i>Angew. Chem.</i> 11/2018). <i>Angewandte Chemie</i> , 2018, 130, 2778-2778.	2.0	0
267	Supramolecular Crowding Can Avoid Oxygen Quenching of Photon Upconversion in Water. <i>Chemistry - A European Journal</i> , 2019, 25, 6042-6042.	3.3	0
268	Frontispiece: Discovery of Key TIPS-Naphthalene for Efficient Visible-to-UV Photon Upconversion under Sunlight and Room Light. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
269	Near-Infrared-to-Visible Photon Upconversion. , 2022, , 29-48.		0
270	EFFECT OF LIPID-PACKAGING ON THE CHARGE TRANSFER CHARACTERISTICS OF ONE-DIMENSIONAL, MIXED-VALENCE PLATINUM COMPLEXES. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
271	Construction of Supramolecular Structures via. Hydrogen Bonds. Self-assembly of Complementary Hydrogen Bond-mediated Supermolecules in Aqueous and in Organic Media. Mesoscopic Supramolecular Assemblies.. Hyomen Kagaku, 1998, 19, 237-243.	0.0	0
272	Frontispiz: Discovery of Key TIPSâ€Naphthalene for Efficient Visibleâ€toâ€UV Photon Upconversion under Sunlight and Room Light. Angewandte Chemie, 2021, 133, .	2.0	0
273	Chemistry of Photon Upconversion Based on Molecular Assembly. Oleoscience, 2022, 22, 195-201.	0.0	0