

Kenta Kokado

List of Publications by Citations

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

87
papers

2,879
citations

30
h-index

52
g-index

92
ext. papers

3,157
ext. citations

5.4
avg, IF

5.68
L-index

#	Paper	IF	Citations
87	Emission via Aggregation of Alternating Polymers with o-Carborane and p-PhenyleneEthynylene Sequences. <i>Macromolecules</i> , 2009 , 42, 1418-1420	5.5	218
86	Multicolor tuning of aggregation-induced emission through substituent variation of diphenyl-o-carborane. <i>Journal of Organic Chemistry</i> , 2011 , 76, 316-9	4.2	204
85	Transformation of metal-organic framework to polymer gel by cross-linking the organic ligands preorganized in metal-organic framework. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5427-32	16.4	170
84	Nano- and microsized cubic gel particles from cyclodextrin metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10566-9	16.4	150
83	Metal-organic framework tethering PNIPAM for ON-OFF controlled release in solution. <i>Chemical Communications</i> , 2015 , 51, 8614-7	5.8	127
82	Highly luminescent BODIPY-based organoboron polymer exhibiting supramolecular self-assemble structure. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15276-8	16.4	122
81	Luminescent and Axially Chiral π -Conjugated Polymers Linked by Carboranes in the Main Chain. <i>Macromolecules</i> , 2009 , 42, 9238-9242	5.5	111
80	Consideration of Molecular Structure in the Excited State to Design New Luminogens with Aggregation-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8632-8639	16.4	92
79	Stable and Functional Gold Nanorod Composites with a Metal-Organic Framework Crystalline Shell. <i>Chemistry of Materials</i> , 2013 , 25, 2565-2570	9.6	92
78	Luminescent m-Carborane-Based π -Conjugated Polymer. <i>Macromolecules</i> , 2009 , 42, 2925-2930	5.5	91
77	Poly(γ -glutamic acid) Hydrogels with Water-Sensitive Luminescence Derived from Aggregation-Induced Emission of o-Carborane. <i>Macromolecules</i> , 2010 , 43, 6463-6468	5.5	85
76	Highly intense fluorescent diarylboron diketonate. <i>Journal of Organic Chemistry</i> , 2008 , 73, 8605-7	4.2	82
75	1,3-Diketone-Based Organoboron Polymers: Emission by Extending π -Conjugation along a Polymeric Ligand. <i>Macromolecules</i> , 2008 , 41, 8295-8298	5.5	78
74	Synthesis of Organoboron Quinoline-8-thiolate and Quinoline-8-selenolate Complexes and Their Incorporation into the π -Conjugated Polymer Main-Chain. <i>Macromolecules</i> , 2009 , 42, 2988-2993	5.5	68
73	A luminescent coordination polymer based on bisterpyridyl ligand containing o-carborane: two tunable emission modes. <i>Dalton Transactions</i> , 2011 , 40, 1919-23	4.3	67
72	Metal-free synthesis of responsive polymers: Cloud point tuning by controlled Click -Reaction. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1278-1286	2.5	64
71	Twist of C-C Bond Plays a Crucial Role in the Quenching of AIE-Active Tetraphenylethene Derivatives in Solution. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 245-251	3.8	61

70	Stimuli-Responsive Fluorescence of AIE Elastomer Based on PDMS and Tetraphenylethene. <i>Macromolecules</i> , 2014 , 47, 6382-6388	5.5	53
69	Synthesis and Photostability of Poly(p-phenylenevinylene-borane)s. <i>Macromolecules</i> , 2009 , 42, 7217-7220	5.5	53
68	Liquefaction-induced emission enhancement of tetraphenylethene derivatives. <i>Chemical Communications</i> , 2017 , 53, 2378-2381	5.8	46
67	Fundamental molecular design for precise control of thermoresponsiveness of organic polymers by using ternary systems. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8344-7	16.4	45
66	Highly Luminescent Nanoparticles: Self-Assembly of Well-Defined Block Copolymers by π -Stacked BODIPY Dyes as Only a Driving Force. <i>Macromolecules</i> , 2009 , 42, 5446-5452	5.5	45
65	Polymer phase-transition behavior driven by a charge-transfer interaction. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4174-8	16.4	44
64	BODIPY-based chain transfer agent: reversibly thermoswitchable luminescent gold nanoparticle stabilized by BODIPY-terminated water-soluble polymer. <i>Langmuir</i> , 2010 , 26, 15644-9	4	44
63	Thermoresponsive fluorescent water-soluble copolymers containing BODIPY dye: Inhibition of H-aggregation of the BODIPY units in their copolymers by LCST. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 627-634	2.5	43
62	Aromatic Ring-Fused Carborane-Based Luminescent π -Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 1389-94	4.8	42
61	Anisotropically Swelling Gels Attained through Axis-Dependent Crosslinking of MOF Crystals. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2608-2612	16.4	37
60	Energy transfer from aggregation-induced emissive o-carborane. <i>Tetrahedron Letters</i> , 2011 , 52, 293-296	2	33
59	Consideration of Molecular Structure in the Excited State to Design New Luminogens with Aggregation-Induced Emission. <i>Angewandte Chemie</i> , 2019 , 131, 8724-8731	3.6	33
58	Box-like gel capsules from heterostructures based on a core-shell MOF as a template of crystal crosslinking. <i>Chemical Communications</i> , 2018 , 54, 1437-1440	5.8	30
57	Luminescent alternating boron quinolate-fluorene copolymers exhibiting high electron mobility. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5196		27
56	Nano- and Microsized Cubic Gel Particles from Cyclodextrin Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2012 , 124, 10718-10721	3.6	24
55	Polymer reaction of poly(p-phenylene-ethynylene) by addition of decaborane: modulation of luminescence and heat resistance. <i>Polymer Journal</i> , 2010 , 42, 363-367	2.7	24
54	Control of Aggregation-Induced Emission from a Tetraphenylethene Derivative through the Components in the Co-crystal. <i>Crystal Growth and Design</i> , 2018 , 18, 3863-3869	3.5	22
53	Rigidity-induced emission enhancement of network polymers crosslinked by tetraphenylethene derivatives. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8504-8509	7.1	20

52	Quantum yield and morphology control of BODIPY-based supramolecular self-assembly with a chiral polymer inhibitor. <i>Polymer Journal</i> , 2010 , 42, 37-42	2.7	19
51	Crystal Crosslinked Gels with Aggregation-Induced Emissive Crosslinker Exhibiting Swelling Degree-Dependent Photoluminescence. <i>Polymers</i> , 2017 , 9,	4.5	18
50	Conversion of azide to primary amine via Staudinger reaction in metal-organic frameworks. <i>CrystEngComm</i> , 2012 , 14, 4137	3.3	18
49	Homogeneous anionic PPE hybrids with silica gel. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3749-3755	2.5	17
48	Anisotropically Swelling Gels Attained through Axis-Dependent Crosslinking of MOF Crystals. <i>Angewandte Chemie</i> , 2017 , 129, 2652-2656	3.6	15
47	Network polymers derived from the integration of flexible organic polymers and rigid metal-organic frameworks. <i>Polymer Journal</i> , 2017 , 49, 345-353	2.7	15
46	Bridging the interfacial gap in mixed-matrix membranes by nature-inspired design: precise molecular sieving with polymer-grafted metal-organic frameworks. <i>Journal of Materials Chemistry A</i> ,	13	14
45	Step-Growth Copolymerization Between an Immobilized Monomer and a Mobile Monomer in Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8018-8023	16.4	13
44	Visualization of the complexation between chloride and anion receptors using volume change of ionomer gels in organic solvents. <i>Soft Matter</i> , 2012 , 8, 7490	3.6	12
43	Design and function of smart polymer gels based on ion recognition. <i>Reactive and Functional Polymers</i> , 2013 , 73, 951-957	4.6	11
42	Synthesis and Photoluminescence Properties of Pyrene-Incorporated Organic-Inorganic Polymer Hybrids. <i>Polymer Journal</i> , 2008 , 40, 402-408	2.7	11
41	Metal-organic framework tethering pH- and thermo-responsive polymer for ON/OFF controlled release of guest molecules. <i>CrystEngComm</i> , 2020 , 22, 1106-1111	3.3	11
40	Preparation and Morphology Variation of Lipophilic Polyelectrolyte Brush Functioning in Nonpolar Solvents. <i>Chemistry Letters</i> , 2014 , 43, 1300-1302	1.7	10
39	Unidirectional compression and expansion of a crosslinked MOF crystal prepared via axis-dependent crosslinking and ligand exchange. <i>Polymer Journal</i> , 2017 , 49, 685-689	2.7	10
38	Direct Synthesis of Liquid Metal Colloids and Their Transmetalation into Noble Metal Nanoparticles. <i>Chemistry Letters</i> , 2014 , 43, 1207-1209	1.7	9
37	A Facile Synthesis of Chiral Luminescent Organoboron Polymers by Hydroboration Polymerization Utilizing Chiral Borane. <i>Macromolecules</i> , 2009 , 42, 1560-1564	5.5	9
36	Structural Analysis of Lipophilic Polyelectrolyte Solutions and Gels in Low-Polar Solvents. <i>Macromolecules</i> , 2015 , 48, 3613-3621	5.5	8
35	Polymer Phase-Transition Behavior Driven by a Charge-Transfer Interaction. <i>Angewandte Chemie</i> , 2013 , 125, 4268-4272	3.6	8

34	Mesogenic Polyelectrolyte Gels Absorb Organic Solvents and Liquid Crystalline Molecules. <i>Polymers</i> , 2016 , 8,	4.5	7
33	Quantum size effect and catalytic activity of nanosized single-crystalline spherical Ga_2O_3 particles by thermal annealing of liquid metal nanoparticles. <i>RSC Advances</i> , 2017 , 7, 678-683	3.7	6
32	Supramolecularly Designed Thermoresponsive Polymers in Different Polymer Backbones. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 1900455	2.6	6
31	Amphiphilic Hybrid π -Conjugated Polymers Containing Polyhedral Oligomeric Silsesquioxanes. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1559-63	4.8	6
30	Poly(p-phenyleneethynylene)Silica Gel Hybrids without Any Compatibilizer. <i>Chemistry Letters</i> , 2008 , 37, 732-733	1.7	6
29	Lipophilic Ionomers with Bulky Ion-Pairs and Effect of Counterion on Miscibility of the Ionomer Blends. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 433-444	2.6	6
28	Disassembly Control of Saccharide-Based Amphiphiles Driven by Electrostatic Repulsion. <i>Langmuir</i> , 2017 , 33, 2610-2616	4	5
27	Motility of Microtubules on the Inner Surface of Water-in-Oil Emulsion Droplets. <i>Langmuir</i> , 2017 , 33, 12108-12113	4	5
26	Photoinduced Pyramidal Inversion Behavior of Phosphanes Involved with Aggregation-Induced Emission Behavior. <i>Chemistry - A European Journal</i> , 2020 , 26, 8028-8034	4.8	5
25	Organic Reaction as a Stimulus for Polymer Phase Separation. <i>ACS Macro Letters</i> , 2017 , 6, 898-902	6.6	5
24	Gel thermoresponsiveness driven by switching of the charge-transfer interaction. <i>RSC Advances</i> , 2015 , 5, 89319-89322	3.7	5
23	Lipophilic polyelectrolyte gel derived from phosphonium borate can absorb a wide range of organic solvents. <i>Soft Matter</i> , 2018 , 14, 581-585	3.6	5
22	Construction and Gilding of Metal-Organic Frameworks and Microtubule Conjugates. <i>ChemistrySelect</i> , 2016 , 1, 5358-5362	1.8	4
21	Preparation of Lipophilic Anionic Polymer Networks Based on Tetraphenylborates. <i>Chemistry Letters</i> , 2012 , 41, 667-668	1.7	4
20	Post-synthetic Modification of Metal-Organic Framework through Urethane Formation. <i>Chemistry Letters</i> , 2019 , 48, 285-287	1.7	3
19	Emissive tetraphenylethylene (TPE) derivatives in a dissolved state tightly fastened by a short oligo(ethylene glycol) chain. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2649-2656	5.2	3
18	A Hydrogen-Bonded Organic Framework Based on Pyrazinopyrazine. <i>Crystal Growth and Design</i> , 2021 , 21, 4656-4664	3.5	3
17	Thermoresponsivity of polymer solution derived from a self-attractive urea unit and a self-repulsive lipophilic ion unit. <i>Polymer Chemistry</i> , 2017 , 8, 3921-3925	4.9	2

16	Direct Detection of the Ion Pair to Free Ions Transformation upon Complexation with an Ion Receptor in Non-Polar Solvents by using Conductometry. <i>ChemistryOpen</i> , 2018 , 7, 269-274	2.3	2
15	Crystal Crosslinked Gels for the Deposition of Inorganic Salts with Polyhedral Shapes. <i>Gels</i> , 2018 , 4,	4.2	2
14	Click Chemistry to Metal-Organic Frameworks as a Synthetic Tool for MOF and Applications for Functional Materials 2020 , 523-538		2
13	Topochemical Polymerizations and Crystal Cross-Linking of Metal Organic Frameworks 2015 , 517-530		2
12	Triple Thermoresponsiveness of a TADDOL-Based Homopolymer through the Formation of Supramolecular Complexes with Chiral Guest Molecules at Variable Ratios. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 4415-4424	4.3	2
11	A proton conductive hydrogen-bonded framework incorporating 18-crown-6-ether and dicarboxy-o-terphenyl moieties. <i>Materials Advances</i> , 2021 , 2, 5639-5644	3.3	2
10	Innenr�ktitelbild: Polymer Phase-Transition Behavior Driven by a Charge-Transfer Interaction (Angew. Chem. 15/2013). <i>Angewandte Chemie</i> , 2013 , 125, 4369-4369	3.6	1
9	One-dimensional DABCO hydrogen-bonding chain in a hexagonal channel of magnetic [Ni(dmit)]. <i>Dalton Transactions</i> , 2020 , 49, 16772-16777	4.3	1
8	Fundamental Theory and Molecular Design of Thermoresponsive Polymers Expandable to Sustainable and Smart Materials 2020 , 351-372		1
7	Homogeneous Systems to Induce Emission of AIEgens 2022 , 251-271		1
6	Molecular motion of halogenated ethylammonium/[18]crown-6 supramolecular ions in nickel dithiolate magnetic crystals. <i>CrystEngComm</i> , 2021 , 23, 2756-2763	3.3	0
5	Synthesis of pyramidal tetraarylborate pentads. <i>New Journal of Chemistry</i> , 2019 , 43, 14853-14858	3.6	
4	Step-Growth Copolymerization Between an Immobilized Monomer and a Mobile Monomer in MetalOrganic Frameworks. <i>Angewandte Chemie</i> , 2019 , 131, 8102-8107	3.6	
3	Photoinduced Pyramidal Inversion Behavior of Phosphanes Involved with Aggregation-Induced Emission Behavior. <i>Chemistry - A European Journal</i> , 2020 , 26, 7965	4.8	
2	New Methodology for Polymer Synthesis by Crystal Component Linking. <i>Nihon Kessho Gakkaishi</i> , 2021 , 63, 16-23	0	
1	Swelling Behavior of Lipophilic Polyelectrolyte Gels in Organic Solvents-Water or Sea Water Binary Mixtures. <i>Macromolecular Chemistry and Physics</i> , 2100505	2.6	