Kenta Kokado

List of Publications by Year in Descending Order

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	Homogeneous Systems to Induce Emission of AIEgens **2022**, 251-271		1
86	A Hydrogen-Bonded Organic Framework Based on Pyrazinopyrazine. *Crystal Growth and Design*, **2021**, 21, 4656-4664	3.5	3
85	Molecular motion of halogenated ethylammonium/[18]crown-6 supramolecular ions in nickel dithiolate magnetic crystals. *CrystEngComm*, **2021**, 23, 2756-2763	3.3	0
84	A proton conductive hydrogen-bonded framework incorporating 18-crown-6-ether and dicarboxy-o-terphenyl moieties. *Materials Advances*, **2021**, 2, 5639-5644	3.3	2
83	New Methodology for Polymer Synthesis by Crystal Component Linking. *Nihon Kessho Gakkaishi*, **2021**, 63, 16-23	0	
82	Photoinduced Pyramidal Inversion Behavior of Phosphanes Involved with Aggregation-Induced Emission Behavior. *Chemistry - A European Journal*, **2020**, 26, 8028-8034	4.8	5
81	Supramolecularly Designed Thermoresponsive Polymers in Different Polymer Backbones. *Macromolecular Chemistry and Physics*, **2020**, 221, 1900455	2.6	6
80	Click Chemistry to Metal-Organic Frameworks as a Synthetic Tool for MOF and Applications for Functional Materials **2020**, 523-538		2
79	Metal□rganic framework tethering pH- and thermo-responsive polymer for ON□FF controlled release of guest molecules. *CrystEngComm*, **2020**, 22, 1106-1111	3.3	11
78	Photoinduced Pyramidal Inversion Behavior of Phosphanes Involved with Aggregation-Induced Emission Behavior. *Chemistry - A European Journal*, **2020**, 26, 7965	4.8	
77	One-dimensional DABCO hydrogen-bonding chain in a hexagonal channel of magnetic [Ni(dmit)]. *Dalton Transactions*, **2020**, 49, 16772-16777	4.3	1
76	Emissive tetraphenylethylene (TPE) derivatives in a dissolved state tightly fastened by a short oligo(ethylene glycol) chain. *Organic Chemistry Frontiers*, **2020**, 7, 2649-2656	5.2	3
75	Triple Thermoresponsiveness of a TADDOL-Based Homopolymer through the Formation of Supramolecular Complexes with Chiral Guest Molecules at Variable Ratios. *ACS Applied Polymer Materials*, **2020**, 2, 4415-4424	4.3	2
74	Fundamental Theory and Molecular Design of Thermoresponsive Polymers Expandable to Sustainable and Smart Materials **2020**, 351-372		1
73	Synthesis of pyramidal tetraarylborate pentads. *New Journal of Chemistry*, **2019**, 43, 14853-14858	3.6	
72	Step-Growth Copolymerization Between an Immobilized Monomer and a Mobile Monomer in Metal□rganic Frameworks. *Angewandte Chemie*, **2019**, 131, 8102-8107	3.6	
71	Step-Growth Copolymerization Between an Immobilized Monomer and a Mobile Monomer in Metal-Organic Frameworks. *Angewandte Chemie - International Edition*, **2019**, 58, 8018-8023	16.4	13

70	Post-synthetic Modification of Metal-Organic Framework through Urethane Formation. *Chemistry Letters*, **2019**, 48, 285-287	1.7	3
69	Consideration of Molecular Structure in the Excited State to Design New Luminogens with Aggregation-Induced Emission. *Angewandte Chemie - International Edition*, **2019**, 58, 8632-8639	16.4	92
68	Consideration of Molecular Structure in the Excited State to Design New Luminogens with Aggregation-Induced Emission. *Angewandte Chemie*, **2019**, 131, 8724-8731	3.6	33
67	Box-like gel capsules from heterostructures based on a core-shell MOF as a template of crystal crosslinking. *Chemical Communications*, **2018**, 54, 1437-1440	5.8	30
66	Direct Detection of the Ion Pair to Free Ions Transformation upon Complexation with an Ion Receptor in Non-Polar Solvents by using Conductometry. *ChemistryOpen*, **2018**, 7, 269-274	2.3	2
65	Crystal Crosslinked Gels for the Deposition of Inorganic Salts with Polyhedral Shapes. *Gels*, **2018**, 4,	4.2	2
64	Twist of C?C Bond Plays a Crucial Role in the Quenching of AIE-Active Tetraphenylethene Derivatives in Solution. *Journal of Physical Chemistry C*, **2018**, 122, 245-251	3.8	61
63	Lipophilic polyelectrolyte gel derived from phosphonium borate can absorb a wide range of organic solvents. *Soft Matter*, **2018**, 14, 581-585	3.6	5
62	Control of Aggregation-Induced Emission from a Tetraphenylethene Derivative through the Components in the Co-crystal. *Crystal Growth and Design*, **2018**, 18, 3863-3869	3.5	22
61	Liquefaction-induced emission enhancement of tetraphenylethene derivatives. *Chemical Communications*, **2017**, 53, 2378-2381	5.8	46
60	Anisotropically Swelling Gels Attained through Axis-Dependent Crosslinking of MOF Crystals. *Angewandte Chemie - International Edition*, **2017**, 56, 2608-2612	16.4	37
59	Disassembly Control of Saccharide-Based Amphiphiles Driven by Electrostatic Repulsion. *Langmuir*, **2017**, 33, 2610-2616	4	5
58	Anisotropically Swelling Gels Attained through Axis-Dependent Crosslinking of MOF Crystals. *Angewandte Chemie*, **2017**, 129, 2652-2656	3.6	15
57	Thermoresponsivity of polymer solution derived from a self-attractive urea unit and a self-repulsive lipophilic ion unit. *Polymer Chemistry*, **2017**, 8, 3921-3925	4.9	2
56	Quantum size effect and catalytic activity of nanosized single-crystalline spherical Ga2O3 particles by thermal annealing of liquid metal nanoparticles. *RSC Advances*, **2017**, 7, 678-683	3.7	6
55	Network polymers derived from the integration of flexible organic polymers and rigid metal–organic frameworks. *Polymer Journal*, **2017**, 49, 345-353	2.7	15
54	Motility of Microtubules on the Inner Surface of Water-in-Oil Emulsion Droplets. *Langmuir*, **2017**, 33, 12108-12113	4	5
53	Organic Reaction as a Stimulus for Polymer Phase Separation. *ACS Macro Letters*, **2017**, 6, 898-902	6.6	5

52	Unidirectional compression and expansion of a crosslinked MOF crystal prepared via axis-dependent crosslinking and ligand exchange. *Polymer Journal*, **2017**, 49, 685-689	2.7	10
51	Crystal Crosslinked Gels with Aggregation-Induced Emissive Crosslinker Exhibiting Swelling Degree-Dependent Photoluminescence. *Polymers*, **2017**, 9,	4.5	18
50	Construction and Gilding of Metal-Organic Frameworks and Microtubule Conjugates. *ChemistrySelect*, **2016**, 1, 5358-5362	1.8	4
49	Mesogenic Polyelectrolyte Gels Absorb Organic Solvents and Liquid Crystalline Molecules. *Polymers* , **2016**, 8,	4.5	7
48	Lipophilic Ionomers with Bulky Ion-Pairs and Effect of Counterion on Miscibility of the Ionomer Blends. *Macromolecular Chemistry and Physics*, **2016**, 217, 433-444	2.6	6
47	Structural Analysis of Lipophilic Polyelectrolyte Solutions and Gels in Low-Polar Solvents. *Macromolecules*, **2015**, 48, 3613-3621	5.5	8
46	Rigidity-induced emission enhancement of network polymers crosslinked by tetraphenylethene derivatives. *Journal of Materials Chemistry C*, **2015**, 3, 8504-8509	7.1	20
45	Metal-organic framework tethering PNIPAM for ON-OFF controlled release in solution. *Chemical Communications*, **2015**, 51, 8614-7	5.8	127
44	Gel thermoresponsiveness driven by switching of the charge-transfer interaction. *RSC Advances*, **2015**, 5, 89319-89322	3.7	5
43	Topochemical Polymerizations and Crystal Cross-Linking of Metal Organic Frameworks **2015**, 517-530		2
42	Stimuli-Responsive Fluorescence of AIE Elastomer Based on PDMS and Tetraphenylethene. *Macromolecules*, **2014**, 47, 6382-6388	5.5	53
41	Direct Synthesis of Liquid Metal Colloids and Their Transmetalation into Noble Metal Nanoparticles. *Chemistry Letters*, **2014**, 43, 1207-1209	1.7	9
40	Preparation and Morphology Variation of Lipophilic Polyelectrolyte Brush Functioning in Nonpolar Solvents. *Chemistry Letters*, **2014**, 43, 1300-1302	1.7	10
39	Transformation of metal-organic framework to polymer gel by cross-linking the organic ligands preorganized in metal-organic framework. *Journal of the American Chemical Society*, **2013**, 135, 5427-32	16.4	170
38	Design and function of smart polymer gels based on ion recognition. *Reactive and Functional Polymers*, **2013**, 73, 951-957	4.6	11
37	Stable and Functional Gold Nanorod Composites with a Metal□Organic Framework Crystalline Shell. *Chemistry of Materials*, **2013**, 25, 2565-2570	9.6	92
36	Polymer phase-transition behavior driven by a charge-transfer interaction. *Angewandte Chemie - International Edition*, **2013**, 52, 4174-8	16.4	44
35	Polymer Phase-Transition Behavior Driven by a Charge-Transfer Interaction. *Angewandte Chemie*, **2013**, 125, 4268-4272	3.6	8

34	Innenrücktitelbild: Polymer Phase-Transition Behavior Driven by a Charge-Transfer Interaction (Angew. Chem. 15/2013). *Angewandte Chemie*, **2013**, 125, 4369-4369	3.6	1
33	Preparation of Lipophilic Anionic Polymer Networks Based on Tetraphenylborates. *Chemistry Letters*, **2012**, 41, 667-668	1.7	4
32	Nano- and Microsized Cubic Gel Particles from Cyclodextrin Metal–Organic Frameworks. *Angewandte Chemie*, **2012**, 124, 10718-10721	3.6	24
31	Nano- and microsized cubic gel particles from cyclodextrin metal-organic frameworks. *Angewandte Chemie - International Edition*, **2012**, 51, 10566-9	16.4	150
30	Visualization of the complexation between chloride and anion receptors using volume change of ionomer gels in organic solvents. *Soft Matter*, **2012**, 8, 7490	3.6	12
29	Fundamental molecular design for precise control of thermoresponsiveness of organic polymers by using ternary systems. *Journal of the American Chemical Society*, **2012**, 134, 8344-7	16.4	45
28	Conversion of azide to primary amine via Staudinger reaction in metal–organic frameworks. *CrystEngComm*, **2012**, 14, 4137	3.3	18
27	Multicolor tuning of aggregation-induced emission through substituent variation of diphenyl-o-carborane. *Journal of Organic Chemistry*, **2011**, 76, 316-9	4.2	204
26	A luminescent coordination polymer based on bisterpyridyl ligand containing o-carborane: two tunable emission modes. *Dalton Transactions*, **2011**, 40, 1919-23	4.3	67
25	Energy transfer from aggregation-induced emissive o-carborane. *Tetrahedron Letters*, **2011**, 52, 293-296	2	33
24	Quantum yield and morphology control of BODIPY-based supramolecular self-assembly with a chiral polymer inhibitor. *Polymer Journal*, **2010**, 42, 37-42	2.7	19
23	Polymer reaction of poly(p-phenylene–ethynylene) by addition of decaborane: modulation of luminescence and heat resistance. *Polymer Journal*, **2010**, 42, 363-367	2.7	24
22	Luminescent alternating boron quinolate–fluorene copolymers exhibiting high electron mobility. *Journal of Materials Chemistry*, **2010**, 20, 5196		27
21	BODIPY-based chain transfer agent: reversibly thermoswitchable luminescent gold nanoparticle stabilized by BODIPY-terminated water-soluble polymer. *Langmuir*, **2010**, 26, 15644-9	4	44
20	Poly(γ-glutamic acid) Hydrogels with Water-Sensitive Luminescence Derived from Aggregation-Induced Emission of o-Carborane. *Macromolecules*, **2010**, 43, 6463-6468	5.5	85
19	Aromatic Ring-Fused Carborane-Based Luminescent π-Conjugated Polymers. *Macromolecular Rapid Communications*, **2010**, 31, 1389-94	4.8	42
18	Thermoresponsive fluorescent water-soluble copolymers containing BODIPY dye: Inhibition of H-aggregation of the BODIPY units in their copolymers by LCST. *Journal of Polymer Science Part A*, **2010**, 48, 627-634	2.5	43
17	Metal-free synthesis of responsive polymers: Cloud point tuning by controlled "click" reaction. *Journal of Polymer Science Part A*, **2010**, 48, 1278-1286	2.5	64

16	Amphiphilic Hybrid π-Conjugated Polymers Containing Polyhedral Oligomeric Silsesquioxanes. *Macromolecular Rapid Communications*, **2009**, 30, 1559-63	4.8	6
15	A Facile Synthesis of Chiral Luminescent Organoboron Polymers by Hydroboration Polymerization Utilizing Chiral Borane. *Macromolecules*, **2009**, 42, 1560-1564	5.5	9
14	Synthesis and Photostability of Poly(p-phenylenevinylene-borane)s. *Macromolecules*, **2009**, 42, 7217-7220	5.5	53
13	Synthesis of Organoboron Quinoline-8-thiolate and Quinoline-8-selenolate Complexes and Their Incorporation into the π-Conjugated Polymer Main-Chain. *Macromolecules*, **2009**, 42, 2988-2993	5.5	68
12	Luminescent and Axially Chiral π-Conjugated Polymers Linked by Carboranes in the Main Chain. *Macromolecules*, **2009**, 42, 9238-9242	5.5	111
11	Highly Luminescent Nanoparticles: Self-Assembly of Well-Defined Block Copolymers by π-Stacked BODIPY Dyes as Only a Driving Force. *Macromolecules*, **2009**, 42, 5446-5452	5.5	45
10	Emission via Aggregation of Alternating Polymers with o-Carborane and p-Phenylene-Ethynylene Sequences. *Macromolecules*, **2009**, 42, 1418-1420	5.5	218
9	Luminescent m-Carborane-Based π-Conjugated Polymer. *Macromolecules*, **2009**, 42, 2925-2930	5.5	91
8	Highly luminescent BODIPY-based organoboron polymer exhibiting supramolecular self-assemble structure. *Journal of the American Chemical Society*, **2008**, 130, 15276-8	16.4	122
7	Highly intense fluorescent diarylboron diketonate. *Journal of Organic Chemistry*, **2008**, 73, 8605-7	4.2	82
6	1,3-Diketone-Based Organoboron Polymers: Emission by Extending π-Conjugation along a Polymeric Ligand. *Macromolecules*, **2008**, 41, 8295-8298	5.5	78
5	Poly(p-phenyleneethynylene)-Silica Gel Hybrids without Any Compatibilizer. *Chemistry Letters*, **2008**, 37, 732-733	1.7	6
4	Homogeneous anionic PPE hybrids with silica gel. *Journal of Polymer Science Part A*, **2008**, 46, 3749-3755	2.5	17
3	Synthesis and Photoluminescence Properties of Pyrene-Incorporated Organic-Inorganic Polymer Hybrids. *Polymer Journal*, **2008**, 40, 402-408	2.7	11
2	Bridging the interfacial gap in mixed-matrix membranes by nature-inspired design: precise molecular sieving with polymer-grafted metal-organic frameworks. *Journal of Materials Chemistry A*,	13	14
1	Swelling Behavior of Lipophilic Polyelectrolyte Gels in Organic Solvents-Water or Sea Water Binary Mixtures. *Macromolecular Chemistry and Physics*,2100505	2.6	