

# Kensuke Naka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4557918/publications.pdf>

Version: 2024-02-01

228  
papers

4,803  
citations

101384

36  
h-index

143772

57  
g-index

240  
all docs

240  
docs citations

240  
times ranked

3571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Crystal Nucleation and Growth of Calcium Carbonate by Synthetic Substrates. <i>Chemistry of Materials</i> , 2001, 13, 3245-3259.	3.2	285
2	Effect of Anionic Starburst Dendrimers on the Crystallization of CaCO <sub>3</sub> in Aqueous Solution: Size Control of Spherical Vaterite Particles. <i>Langmuir</i> , 2002, 18, 3655-3658.	1.6	194
3	Thermally Reversible IPN Organic-Inorganic Polymer Hybrids Utilizing the Diels-Alder Reaction. <i>Macromolecules</i> , 2000, 33, 4343-4346.	2.2	178
4	Preparation of a novel core-shell nanostructured gold colloid-silk fibroin bioconjugate by the protein in situ redox technique at room temperature. <i>Chemical Communications</i> , 2001, , 2518-2519.	2.2	115
5	A Carbonate Controlled-Addition Method for Amorphous Calcium Carbonate Spheres Stabilized by Poly(acrylic acid)s. <i>Langmuir</i> , 2007, 23, 12086-12095.	1.6	107
6	Water-Soluble Anionic POSS-Core Dendrimer: Synthesis and Copper(II) Complexes in Aqueous Solution. <i>Langmuir</i> , 2007, 23, 9057-9063.	1.6	81
7	Enhancement of entrapping ability of dendrimers by a cubic silsesquioxane core. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3899.	1.5	79
8	Arsenic-Containing Conjugated Polymer by the Post-Element Transformation Technique. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15040-15043.	7.2	78
9	Formation of Stable Vaterite with Poly(acrylic acid) by the Delayed Addition Method. <i>Langmuir</i> , 2006, 22, 7760-7767.	1.6	75
10	In-situ Iodination of Organoarsenic Homocycles: Facile Synthesis of 9-Arsafluorene. <i>Chemistry Letters</i> , 2015, 44, 1476-1478.	0.7	70
11	Synthesis of Poly(vinylene-arsine)s: Alternating Radical Copolymerization of Arsenic Atomic Biradical Equivalent and Phenylacetylene. <i>Journal of the American Chemical Society</i> , 2002, 124, 6600-6603.	6.6	68
12	Synthesis of Poly(N,N-dimethylacrylamide)/Silica Gel Polymer Hybrids by in situ Polymerization Method. <i>Polymer Journal</i> , 1998, 30, 60-65.	1.3	66
13	Preparation, Optical Spectroscopy, and Electrochemical Studies of Novel Conjugated Polymer-Protected Stable PbS Colloidal Nanoparticles in a Nonaqueous Solution. <i>Langmuir</i> , 2002, 18, 5287-5292.	1.6	61
14	Tetrathiafulvalene-Assisted Formation of Silver Dendritic Nanostructures in Acetonitrile. <i>Langmuir</i> , 2003, 19, 6242-6246.	1.6	61
15	Practical Synthesis and Properties of 2,5-Diarylarsoles. <i>Organic Letters</i> , 2015, 17, 4854-4857.	2.4	59
16	Chemical Functionalisation and Photoluminescence of Graphene Quantum Dots. <i>Chemistry - A European Journal</i> , 2016, 22, 8198-8206.	1.7	59
17	para-Bisvinylhexaisobutyl-substituted $T_{8}$ caged monomer: synthesis and hydrosilylation polymerization. <i>Polymer Chemistry</i> , 2015, 6, 7500-7504.	1.9	57
18	Synthesis of polystyrene/silica gel polymer hybrids by in-situ polymerization method. <i>Polymer Bulletin</i> , 1997, 39, 303-310.	1.7	56

#	ARTICLE	IF	CITATIONS
19	Functional polymers based on electron-donating TTF and derivatives. <i>Journal of Materials Chemistry</i> , 2007, 17, 4122.	6.7	56
20	The Dawn of Functional Organoarsenic Chemistry. <i>Chemistry - A European Journal</i> , 2019, 25, 1883-1894.	1.7	56
21	Preparation of $\pi$ -conjugated polymer-protected gold nanoparticles in stable colloidal form. <i>Chemical Communications</i> , 2001, , 613-614.	2.2	55
22	Facile synthesis and properties of dithieno[3,2-b:2',3'-d]arsoles. <i>Dalton Transactions</i> , 2016, 45, 11338-11345.	1.6	51
23	Syntheses of Dumbbell-Shaped Trifluoropropyl-Substituted POSS Derivatives Linked by Simple Aliphatic Chains and Their Optical Transparent Thermoplastic Films.. <i>Macromolecules</i> , 2011, 44, 6039-6045.	2.2	50
24	Synthesis and Polymerization of a <i>para</i> -Disubstituted T8-caged Hexaisobutyl-POSS Monomer. <i>Chemistry Letters</i> , 2014, 43, 1532-1534.	0.7	49
25	Synthesis of single component element-block materials based on siloxane-based cage frameworks. <i>Polymer International</i> , 2017, 66, 187-194.	1.6	49
26	Control of crystal polymorphs by a "latent inductor" <sup>TM</sup> : crystallization of calcium carbonate in conjunction with in situ radical polymerization of sodium acrylate in aqueous solution. <i>Chemical Communications</i> , 2000, , 1537-1538.	2.2	47
27	Synthesis of Poly(oxyethylene)-Grafted Palladium Clusters. <i>Chemistry of Materials</i> , 1999, 11, 849-851.	3.2	45
28	Synthesis of Organic-Metal Hybrid Nanowires by Cooperative Self-Organization of Tetrathiafulvalene and Metallic Gold via Charge-Transfer. <i>Langmuir</i> , 2007, 23, 3450-3454.	1.6	45
29	Modulation of Morphology and Conductivity of Mixed-Valence Tetrathiafulvalene Nanofibers by Coexisting Organic Acid Anions. <i>Langmuir</i> , 2009, 25, 6929-6933.	1.6	44
30	Effect of Dendrimers on the Crystallization of Calcium Carbonate in Aqueous Solution. <i>Topics in Current Chemistry</i> , 2003, 228, 141-158.	4.0	40
31	Tripodal polyhedral oligomeric silsesquioxanes as a novel class of three-dimensional emulsifiers. <i>Polymer Journal</i> , 2015, 47, 609-615.	1.3	40
32	Highly Efficient Solid-State Phosphorescence of Platinum Dihalide Complexes with 9-Phenyl-9-arsafluorene Ligands. <i>Organometallics</i> , 2016, 35, 364-369.	1.1	39
33	Polymer Homologue of DMSO: $\pi$ Synthesis of Poly(ethylene sulfoxide) by Selective Oxidation of Poly(ethylene sulfide). <i>Macromolecules</i> , 1999, 32, 5240-5242.	2.2	38
34	Radical Copolymerization of Acetylenic Compounds with Phenyl-Substituted Cyclooligoarsine: $\pi$ Substituent Effect and Optical Properties. <i>Macromolecules</i> , 2004, 37, 1271-1275.	2.2	38
35	Syntheses and properties of dumbbell-shaped POSS derivatives linked by luminescent $\pi$ -conjugated units. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4170-4181.	2.5	38
36	Dibenzoarsepins: Planarization of $\pi$ -Electron System in the Lowest Singlet Excited State. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11686-11690.	7.2	38

#	ARTICLE	IF	CITATIONS
37	Improving Proton Relaxivity of Dendritic MRI Contrast Agents by Rigid Silsesquioxane Core. <i>Polymer Journal</i> , 2009, 41, 287-292.	1.3	37
38	An experimental study on arsoles: structural variation, optical and electronic properties, and emission behavior. <i>Dalton Transactions</i> , 2016, 45, 8717-8723.	1.6	36
39	1,4-Dihydro-1,4-diarsinine: Facile Synthesis via Nonvolatile Arsenic Intermediates by Radical Reactions. <i>Organometallics</i> , 2007, 26, 1827-1830.	1.1	35
40	Syntheses and properties of star- and dumbbell-shaped POSS derivatives containing isobutyl groups. <i>Polymer Journal</i> , 2012, 44, 340-346.	1.3	35
41	Organic Vapor Triggered Repeatable On/Off Crystalline-State Luminescence Switching. <i>Inorganic Chemistry</i> , 2012, 51, 4420-4422.	1.9	35
42	A practical method for the generation of organoarsenic nucleophiles towards the construction of a versatile arsenic library. <i>Dalton Transactions</i> , 2016, 45, 7937-7940.	1.6	34
43	Synthesis of $\pi$ -Conjugated Poly(dithiafulvene) by Cycloaddition Polymerization of Aldothioketene with Its Alkynethiol Tautomer. <i>Macromolecules</i> , 1998, 31, 7570-7571.	2.2	33
44	Linearly Extended $\pi$ -Conjugated Dithiafulvene Polymer Formed Soluble Charge-Transfer Complex with 7,7,8,8-Tetracyanoquinodimethane. <i>Polymer Journal</i> , 2000, 32, 435-439.	1.3	33
45	Synthesis of Nanocomposites of Metal Nanoparticles Utilizing Miscible Polymers. <i>Polymer Bulletin</i> , 2004, 52, 171.	1.7	33
46	Color Tuning of the Aggregation-Induced Emission of Maleimide Dyes by Molecular Design and Morphology Control. <i>Chemistry - A European Journal</i> , 2015, 21, 12105-12111.	1.7	33
47	Arsenic Halogenation of 9-Arsofluorene and Utilization for As-C Bond Formation Reaction. <i>Organometallics</i> , 2017, 36, 1684-1687.	1.1	33
48	Preparation of hydrophobic CaCO <sub>3</sub> composite particles by mineralization with sodium trisilanolate in a methanol solution. <i>Journal of Materials Chemistry</i> , 2002, 12, 2449-2452.	6.7	32
49	Stabilized Spherical Aggregate of Palladium Nanoparticles Prepared by Reduction of Palladium Acetate in Octa(3-aminopropyl)octasilsesquioxane as a Rigid Template. <i>Langmuir</i> , 2008, 24, 2719-2726.	1.6	32
50	Spontaneous Ring-Collapsed Alternating Copolymerization of a Homocyclic Arsenic Compound and Phenylacetylene. <i>Macromolecules</i> , 2004, 37, 5952-5958.	2.2	30
51	Fabrication of composite films with poly(methyl methacrylate) and incompletely condensed cage-silsesquioxane fillers. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46033.	1.3	30
52	Periodic Terpolymerization of Cyclooligoarsine, Cyclooligostibine, and Acetylenic Compound. <i>Macromolecules</i> , 2007, 40, 1372-1376.	2.2	29
53	One-pot strategy for synthesis of open-cage silsesquioxane monomers. <i>Polymer Chemistry</i> , 2019, 10, 2223-2229.	1.9	27
54	Facile construction of N-alkyl arylaminomaleimide derivatives as intensively emissive aggregation induced emission dyes. <i>Tetrahedron</i> , 2015, 71, 643-647.	1.0	26

#	ARTICLE	IF	CITATIONS
55	Multi-mode emission color tuning of dithieno[3,2-b:2â€²,3â€²-d]arsoles. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6697-6703.	2.7	26
56	Polymorph Control of Luminescence Properties in Molecular Crystals of a Platinum and Organoarsenic Complex and Formation of Stable One-Dimensional Nanochannel. <i>Inorganic Chemistry</i> , 2014, 53, 8270-8277.	1.9	25
57	Platinum(II) Dihalide Complexes with 9-Arsofluorenes: Effects of Ligand Modification on the Phosphorescent Properties. <i>Organometallics</i> , 2017, 36, 2605-2611.	1.1	25
58	Synthesis of Poly(cyclodiborazane)s by Hydroboration Polymerization Using Mesitylborane. <i>Polymer Journal</i> , 1998, 30, 833-837.	1.3	24
59	Synthesis and Properties of Alternating Acceptor-Donor $\pi$ -Conjugated Copolymers of Cyclodiborazane with Dithiafulvene. <i>Macromolecules</i> , 2000, 33, 7467-7470.	2.2	24
60	Arylaminomaleimides as a New Class of Aggregation-induced Emission-active Molecules Obtained from Organoarsenic Compounds. <i>Chemistry Letters</i> , 2012, 41, 1445-1447.	0.7	24
61	Synthesis of imidazolium salt-terminated poly(amidoamine)-typed POSS-core dendrimers and their solution and bulk properties. <i>Polymer Journal</i> , 2014, 46, 42-51.	1.3	24
62	Effect of alkyl groups on emission properties of aggregation induced emission active N-alkyl arylaminomaleimide dyes. <i>RSC Advances</i> , 2015, 5, 94344-94350.	1.7	24
63	Peraryl Arsoles: Practical Synthesis, Electronic Structures, and Solid-State Emission Behaviors. <i>Chemistry - A European Journal</i> , 2018, 24, 8797-8803.	1.7	24
64	Synthesis of a star-shaped polymer via coordination of ester-linked pyridyl-terminated poly(oxyethylene) with ru(II). <i>Macromolecular Rapid Communications</i> , 1997, 18, 1025-1032.	2.0	23
65	Synthesis of Polymers Containing Group 15 Elements via Bismetallation of Acetylenic Compounds. <i>Polymer Journal</i> , 2008, 40, 1031-1041.	1.3	23
66	Beads-on-String-Shaped Poly(azomethine) Applicable for Solution Processing of Bilayer Devices Using a Same Solvent. <i>ACS Macro Letters</i> , 2018, 7, 641-645.	2.3	23
67	Fundamental Study on Arsenic(III) Halides ( $AsX_3$ ; X = Br, I) toward the Construction of $C_3$ -Symmetrical Monodentate Arsenic Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 9587-9593.	1.9	23
68	Synthesis and Characterization of Stereoisomers of 1,4-Dihydro-1,4-diarsinines. <i>Organometallics</i> , 2009, 28, 6109-6113.	1.1	22
69	Open-cage silsesquioxane necklace polymers having closed-cage silsesquioxane pendants. <i>Polymer Chemistry</i> , 2018, 9, 4108-4112.	1.9	22
70	As-Heteropentacenes: An Experimental and Computational Study on a Novel Class of Heteroacenes. <i>Organic Letters</i> , 2018, 20, 5952-5955.	2.4	21
71	Highly Efficient Singlet Oxygen Generation and High Oxidation Resistance Enhanced by Arsole-Polymer-Based Photosensitizer: Application as a Recyclable Photooxidation Catalyst. <i>Macromolecules</i> , 2020, 53, 2006-2013.	2.2	21
72	Synthesis and Characterization of Boron Difluoride Complexes Bearing $\pi$ -Expanded Pyridine Ligands as Organic Fluorochromes. <i>Journal of Organic Chemistry</i> , 2021, 86, 5690-5701.	1.7	21

#	ARTICLE	IF	CITATIONS
73	Photochromic organic-inorganic polymer hybrids from spiropyran-modified poly( N , N ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74	1.7	19
74	Preparation of CaCO 3 /polymer composite films via interaction of anionic starburst dendrimer with poly(ethylenimine). Polymer Bulletin, 2000, 45, 447-450.	1.7	19
75	Synthesis of first- and second-generation imidazole-terminated POSS-core dendrimers and their pH responsive and coordination properties. Polymer Journal, 2012, 44, 353-359.	1.3	19
76	Molecular Shape Recognition by Using a Switchable Luminescent Nonporous Molecular Crystal. Organometallics, 2016, 35, 3647-3650.	1.1	19
77	Rh-catalyzed direct arylation of a polyhedral oligomeric silsesquioxane. Dalton Transactions, 2017, 46, 6168-6171.	1.6	19
78	Syntheses of Dithienoarsole-containing Polymers <i>via</i> Suzuki-Miyaura and Sonogashira-Hagihara Coupling Reactions. Chemistry Letters, 2018, 47, 887-890.	0.7	19
79	Fluorinated porous molecular crystals: vapor-triggered on&quot;off switching of luminescence and porosity. Chemical Communications, 2019, 55, 6487-6490.	2.2	19
80	Thermal Properties of Open-Cage Silsesquioxanes: The Effect of Substituents at the Corners and Opening Moieties. Bulletin of the Chemical Society of Japan, 2019, 92, 127-132.	2.0	19
81	Stimuli&#x2013;Responsive Emission of Dinuclear Rhombic Copper(I) Iodide Complexes Having Triphenylarsine and N&#x2013;Heteroaromatic Co&#x2013;Ligands. European Journal of Inorganic Chemistry, 2020, 2020, 3548-3553.	1.0	19
82	Coexistence of Optical Transparency, Hydrophobicity, and High Thermal Conductivity in Beads-on-String-Shaped Polyureas Induced by Disordered Hydrogen-Bond Networks. Macromolecules, 2020, 53, 2874-2881.	2.2	19
83	Corner&#x2013;and Side&#x2013;Opened Cage Silsesquioxanes: Structural Effects on the Materials Properties. European Journal of Inorganic Chemistry, 2020, 2020, 737-742.	1.0	18
84	pH Responsive Aggregation of Imidazolium Cations-Modified Gold Nanoparticles with Poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74	1.3	17
85	Stoichiometric Complexation of Palladium(II) with 1,4-Dihydro-1,4-diarsinine as a Rigid Symmetrical Bidentate Ligand. Organometallics, 2008, 27, 1034-1036.	1.1	17
86	Self-association behavior of amphiphilic molecules based on incompletely condensed cage silsesquioxanes and poly(ethylene glycol)s. Polymer Journal, 2018, 50, 337-345.	1.3	17
87	Synthesis and properties of hyperbranched polymers by polymerization of an AB3-type incompletely condensed cage silsesquioxane (IC-POSS) monomer. Polymer Journal, 2018, 50, 879-887.	1.3	17
88	Highly Fluorescent Benzophosphole Oxide Block-Copolymer Micelles. Macromolecules, 2019, 52, 7477-7488.	2.2	17
89	Hydroboration Polymerization of Dicyanoanthracene Using Mesitylborane. Macromolecules, 1998, 31, 8047-8050.	2.2	16
90	Arsole&#x2013;Containing i&#x2013;Conjugated Polymer by the Post&#x2013;Element&#x2013;Transformation Technique. Angewandte Chemie, 2016, 128, 15264-15267.	1.6	16

#	ARTICLE	IF	CITATIONS
91	Design of low-crystalline and low-density isobutyl-substituted caged silsesquioxane derivatives by star-shaped architectures linked with short aliphatic chains. <i>Polymer Journal</i> , 2016, 48, 281-287.	1.3	16
92	Formation of IPN organic-inorganic polymer hybrids utilizing the photodimerization of thymine. <i>Polymer Bulletin</i> , 2000, 45, 9-16.	1.7	15
93	A Mechanochromic Luminescent Dye Exhibiting On/Off Switching by Crystalline $\leftrightarrow$ Amorphous Transitions. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1698-1702.	1.7	15
94	Modular Assembly of a Conserved Repetitive Sequence in the Spider Eggcase Silk: From Gene to Fiber. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2748-2757.	2.6	15
95	Dibenzoarsepins: Planarization of 8 $\pi$ -Electron System in the Lowest Singlet Excited State. <i>Angewandte Chemie</i> , 2019, 131, 11812-11816.	1.6	15
96	Recent progress on arsenic-containing functional polymers. <i>Polymer</i> , 2022, 241, 124464.	1.8	15
97	Alternating $\pi$ -conjugated copolymer of dithiafulvene with 2,2'-bipyridyl units. <i>Journal of Polymer Science Part A</i> , 2001, 39, 4083-4090.	2.5	14
98	A carbonate controlled-addition method for size-controlled calcium carbonate spheres by carboxylic acid-terminated poly(amidoamine) dendrimers. <i>Polymer Journal</i> , 2010, 42, 676-683.	1.3	14
99	Size-Controlled Vaterite Composite Particles with a POSS-Core Dendrimer for the Fabrication of Calcite Thin Films by Phase Transition. <i>Langmuir</i> , 2013, 29, 15888-15897.	1.6	14
100	Synthesis of poly(vinylene arsine)s through the ring-collapsed radical alternating copolymerization of an organoarsenic homocycle with aliphatic acetylenes and their properties. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3604-3611.	2.5	13
101	Polymers and cyclic compounds based on a side-opening type cage silsesquioxane. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2243-2250.	2.5	13
102	2-Arylbenzo[ <i>b</i> ]arsoles: an experimental and computational study on the relationship between structural and photophysical properties. <i>Dalton Transactions</i> , 2020, 49, 15612-15621.	1.6	13
103	Synthesis of a star-shaped polymer having tris ( $\hat{\text{I}}^2$ -diketonato)chromium(III) at the center core. <i>Polymer Bulletin</i> , 1998, 41, 263-266.	1.7	12
104	Synthesis of a $\pi$ -Conjugated Poly(thioketene dimer) and Its Electron-Donating Property. <i>Macromolecules</i> , 2001, 34, 346-348.	2.2	12
105	1,4-Dihydro-1,4-diarsinine-Bridged Dinuclear <i>trans</i> -Dihaloplatinum(II) Complexes: Synthesis and Controlled Pt $\cdots$ Pt Interaction by Halogen Substitution Induced Conformational Change. <i>Organometallics</i> , 2010, 29, 4992-5003.	1.1	12
106	Dipyridinoarsole: a new class of stable and modifiable heteroatom-bridged bipyridines. <i>Chemical Communications</i> , 2020, 56, 6035-6038.	2.2	12
107	Dithieno[3,4- <i>b</i> :3',4'- <i>d'</i> ]arsole: A Novel Class of Hetero[5]radialenes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3965-3970.	1.2	12
108	Supramolecular organogel formation behaviors of beads-on-string shaped poly(azomethine)s dependent on POSS structures in the main chains. <i>Polymer Chemistry</i> , 2021, 12, 3169-3176.	1.9	12

#	ARTICLE	IF	CITATIONS
109	Radical copolymerization of cyclic diarsine with vinyl monomers. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3023-3028.	2.5	11
110	Silsesquioxanes: Recent Advancement and Novel Applications. <i>International Journal of Polymer Science</i> , 2012, 2012, 1-2.	1.2	11
111	Synthesis of calcium carbonate particles with carboxylic-terminated hyperbranched poly(amidoamine) and their surface modification. <i>Polymer Journal</i> , 2012, 44, 586-593.	1.3	11
112	Synthesis of a bi-functional terminal polyhedral octasilicate-core dendrimer containing carbazole and 1,8-naphthalimide, and its photoluminescence properties, film formability, and glass transition behavior. <i>RSC Advances</i> , 2016, 6, 8346-8353.	1.7	11
113	Control of aurophilic interaction: conformations and electronic structures of one-dimensional supramolecular architectures. <i>Dalton Transactions</i> , 2017, 46, 8077-8082.	1.6	11
114	POSS solid solutions exhibiting orientationally disordered phase transitions. <i>Chemical Communications</i> , 2017, 53, 9273-9276.	2.2	11
115	Electropolymerization of Dithieno[3,2- <i>b</i> :6,5- <i>b'</i> ]arsole. <i>ChemElectroChem</i> , 2018, 5, 3357-3360.	1.6	11
116	2,3-Diarylbenzo[ <i>b</i> ]arsole: Structural Modification and Polymerization for Tuning of Photophysical Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 4676-4682.	1.7	11
117	Synthesis of poly(N,N-dimethylcarbamoylmethylene) as a polymer homolog of N,N-dimethylacetamide. <i>Polymer Bulletin</i> , 1999, 43, 183-190.	1.7	10
118	Synthesis and Properties of Cross-Linked Poly(vinylene-arsine). <i>Polymer Bulletin</i> , 2004, 52, 191-199.	1.7	10
119	Radical Terpolymerization of Organoarsenic Homocycle, Phenylacetylene, and Vinyl or Butadienyl Monomers. <i>Macromolecules</i> , 2004, 37, 3623-3629.	2.2	10
120	Synthesis of soluble electron-donating polymers containing vinylogous TTF by oxidative dimerization of 1,4-bisdithiafulvenyl-2,5-dialkoxybenzene. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4600-4608.	2.5	10
121	Syntheses of biphenyl-terminated polyhedral oligomeric octasilicate-core dendrimers and their single-component optical transparent free-standing thermoplastic films. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1437-1443.	2.5	10
122	Single component transparent free-standing films based on polyhedral octasilicate-core dendrimers bearing carbazole terminal groups and their emission properties. <i>Journal of Polymer Science Part A</i> , 2016, 54, 628-633.	2.5	10
123	Palladium-Catalyzed Arylation of Open-Cage Silsesquioxanes toward Thermally Stable and Highly Dispersible Nanofillers. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 989-994.	2.0	10
124	Soluble and film-formable homopolymer tethering side-opened cage silsesquioxane pendants. <i>Journal of Polymer Science</i> , 2020, 58, 1456-1462.	2.0	10
125	Dinuclear Rhombic Copper(II) Iodide Complexes with Rigid Bidentate Arsenic Ligands. <i>Chemistry Letters</i> , 2021, 50, 382-385.	0.7	10
126	Controlled polymerization of activated glycine esters by copper(II) chelate. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1504-1510.	2.5	9



#	ARTICLE	IF	CITATIONS
127	Synthesis and low-temperature dehydrating imidation polymerization of 1,4-dihydro-1,4-diaarsinetetracarboxylic acid dianhydride. <i>Polymer Journal</i> , 2011, 43, 358-363.	1.3	9
128	Structural diversity in the coordination of 1,4-dihydro-1,4-diaarsine as a cyclic ditopic organoarsenic ligand to metal ions. <i>Heteroatom Chemistry</i> , 2012, 23, 16-26.	0.4	9
129	A Metal-Organic Framework Containing Arsenic Atoms with a Free Lone Pair. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1057-1062.	2.0	9
130	3,4-Diaminomaleimide Dyes – Simple Luminophores with Efficient Orange-Red Emission in the Solid State. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 837-843.	1.2	9
131	Soluble Network Polymers Based on Trifunctional Open-cage Silsesquioxanes. <i>Chemistry Letters</i> , 2019, 48, 1266-1269.	0.7	9
132	Construction of a Bidentate Arsenic Ligand Library Starting from a Cyclooligoarsine. <i>Chemistry Letters</i> , 2019, 48, 1312-1315.	0.7	9
133	Systematic Study on the Catalytic Arsa-Wittig Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 13400-13407.	1.7	9
134	Multi-Mode Switchable Luminescence of Tetranuclear Cubic Copper(I) Iodide Complexes with Tertiary Arsine Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1340-1346.	2.0	9
135	Dinuclear Gold(I) Chloride Complexes with Diarsine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 217-222.	1.0	9
136	–Conjugated Polymers with Electroactive Thioketene Dimer Unit. <i>Macromolecules</i> , 2002, 35, 3806-3809.	2.2	8
137	Polymerization of bisdithiafulvenes with conjugated spacers using oxidative dimerization. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2027-2033.	2.5	8
138	Fabrication of amorphous calcium carbonate composite particles-polymer multilayer films by a layer-by-layer method. <i>Polymer Composites</i> , 2015, 36, 330-335.	2.3	8
139	Substituent-Dependent Stimuli Recognition of Luminescent Gold(I) Chloride Complexes Based on Diarsenic Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 349-354.	2.0	8
140	Highly selective mono-functionalization of open-cage silsesquioxane toward film-formable homopolymer. <i>Journal of Polymer Science</i> , 2021, 59, 131-138.	2.0	8
141	Arsenic-Bridged Silafluorene and Germafluorene as a Novel Class of Mixed-Heteroatom-Bridged Heterofluorenes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1390-1395.	1.2	8
142	2-(Quinolonyl)pyrrole-Boron Difluoride Complexes, Simple and Tractable Structures Exhibiting Red Emission. <i>ChemistrySelect</i> , 2021, 6, 1168-1173.	0.7	8
143	Practical Syntheses and Luminescent Properties of Arene-Substituted Arsines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2682-2689.	1.3	8
144	Supramolecular organogel of polyureas containing POSS units in the main chain: dependence on the POSS and comonomer structures. <i>Polymer Journal</i> , 2022, 54, 161-167.	1.3	8

#	ARTICLE	IF	CITATIONS
145	Synthesis of palladium clusters with surface initiator for polymerization of 2-methyl-2-oxazoline. <i>Polymer Bulletin</i> , 2001, 46, 357-362.	1.7	7
146	Synthesis of Electron-Donating Polymer Having Vinylogous TTF in the Main Chain. <i>Polymer Journal</i> , 2006, 38, 1146-1151.	1.3	7
147	Self-organized Multilayer Films and Porous Nanocomposites of Gold Nanoparticles with Octa(3-aminopropyl)octasilsesquioxane. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 447-457.	1.9	7
148	Control of Self-Assembling Processes of Polyamidoamine Dendrimers and Pd Nanoparticles. <i>Macromolecules</i> , 2008, 41, 1815-1824.	2.2	7
149	Synthesis of poly(vinylene- $\epsilon$ -arsine)-stabilized silver nanoparticles. <i>Applied Organometallic Chemistry</i> , 2010, 24, 573-575.	1.7	7
150	Effect of tertiary aliphatic amines on self-assembly of TCNQ in mixed-valence state. <i>Composite Interfaces</i> , 2013, 20, 1-14.	1.3	7
151	As-stereogenic C <sub>2</sub> -symmetric organoarsines: synthesis and enantioselective self-assembly into a dinuclear triple-stranded helicate with copper iodide. <i>Dalton Transactions</i> , 2015, 44, 15372-15376.	1.6	7
152	Synthesis of bifunctional terminal octasilicate-core dendrimer containing fluorocarbon and hydrocarbon chains. <i>Journal of Polymer Science Part A</i> , 2017, 55, 912-918.	2.5	7
153	A Practical Screening Strategy of Arsenic Ligands for a Transition-metal-catalyzed Reaction. <i>Chemistry Letters</i> , 2017, 46, 821-823.	0.7	7
154	Effect of Mono-Substituents in Heptaisobutyl-Substituted Polyhedral Octasilsesquioxanes on Orientationally Disordered Phase Transition. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1390-1396.	2.0	7
155	Synthesis of metallosupramolecular polymers incorporating cage silsesquioxanes in the main chains. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2260-2266.	2.5	7
156	Surface Segregation of a Star-Shaped Polyhedral Oligomeric Silsesquioxane in a Polymer Matrix. <i>Langmuir</i> , 2020, 36, 9960-9966.	1.6	7
157	Phenyldiquinolinyarsine as a Nitrogen-Arsenic-Nitrogen Pincer Ligand. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3662-3665.	1.0	7
158	Diarsine- vs diphosphine-protected Au <sub>13</sub> clusters: Effect of subtle geometric differences on optical property and electronic structure. <i>Journal of Chemical Physics</i> , 2021, 155, 054301.	1.2	7
159	Superior light-resistant dithieno[3,2- <i>b</i> :2- <i>d'</i> ]-arsole-based polymers exhibiting ultrastable amplified spontaneous emission. <i>Chemical Communications</i> , 2021, 57, 1595-1598.	2.2	7
160	Tertiary arsine ligands for the Stille coupling reaction. <i>Dalton Transactions</i> , 2021, 51, 95-103.	1.6	7
161	Systematic Study of Pnictogen-Fused Heterofluorenes. <i>Inorganic Chemistry</i> , 2022, 61, 7318-7326.	1.9	7
162	Novel Aprotic Polar Polymers IV. Synthesis of Poly[N-bis(dimethylamino)phosphorylethylenimine] as a Polymer Homolog of Hexamethylphosphoramide. <i>Polymer Journal</i> , 1998, 30, 1008-1010.	1.3	6

#	ARTICLE	IF	CITATIONS
163	Amphiphilic POSS-core dendrons for optically transparent thermoplastic films with tunable wettability. <i>Polymer Journal</i> , 2015, 47, 259-266.	1.3	6
164	Soluble network polymers based on <sc>trifluoropropyl</sc>-substituted open<sc>-cage</sc> silsesquioxane: Synthesis, properties, and application for surface modifiers. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50167.	1.3	6
165	Hybrid polyurethanes composed of isobutyl-substituted open-cage silsesquioxane in the main chains: synthesis, properties and surface segregation in a polymer matrix. <i>Polymer Chemistry</i> , 2021, 12, 2914-2922.	1.9	6
166	Arsinoquinolines as a Novel Class of Luminophores. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2618-2624.	1.3	6
167	Synthesis and Optical Properties of Soluble Isoxazole-Containing Poly(p-phenylene)-Related Polymer. <i>Polymer Journal</i> , 2000, 32, 73-74.	1.3	5
168	Synthesis of sulfur-containing hyperbranched polymers by the bithiolation polymerization of diethynyl disulfide derivatives. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3580-3587.	2.5	5
169	Spontaneous Formation of Gold Nanoparticles with Octa(3-aminopropyl) Polyhedral Oligomeric Silsesquioxane. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 653-656.	2.0	5
170	Efficient Isolation of Completely Decorated Polyhedral Oligomeric Silsesquioxanes by Utilizing Imine Bond Formation. <i>Chemistry Letters</i> , 2016, 45, 1256-1258.	0.7	5
171	Homo- and hetero-metallophilicity-driven synthesis of highly emissive and stimuli-responsive Au(<sc>i</sc>)<sc>i</sc>-Cu(<sc>i</sc>) double salts. <i>Chemical Communications</i> , 2021, 57, 5382-5385.	2.2	5
172	Reversible pH Responsive Aggregation Behavior of Size-Controlled Calcium Carbonate Composite Nanoparticles by Phytic Acid in Aqueous Solution. <i>Langmuir</i> , 2021, 37, 7712-7719.	1.6	5
173	Drastic Enhancement of Photosensitized Energy Transfer Efficiency of a Eu(III) Complex Driven by Arsenic. <i>Inorganic Chemistry</i> , 2021, 60, 8605-8612.	1.9	5
174	Dibenzoarsacrowns: an experimental and computational study on the coordination behaviors. <i>Chemical Communications</i> , 2021, 57, 2013-2016.	2.2	5
175	Polymethacrylates containing cage-silsesquioxanes in the side chains: effects of cage and linker structures on film properties. <i>Polymer Chemistry</i> , 2022, 13, 1228-1235.	1.9	5
176	Title is missing!. <i>Journal of Inorganic and Organometallic Polymers</i> , 1999, 9, 179-188.	1.5	4
177	Synthesis and properties of $\pi$ -conjugated dithiafulvene oligomers by addition of a monofunctionalized compound. <i>Journal of Polymer Science Part A</i> , 2003, 41, 708-715.	2.5	4
178	Self-Assembly of Functionalized Gold Nanoparticles with Rigid and Flexible Multifunctional Linkers. <i>Journal of Macromolecular Science - Physics</i> , 2006, 45, 549-555.	0.4	4
179	Synthesis and properties of an amphiphilic dithiafulvene oligomer. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3770-3775.	2.5	4
180	Synthesis of imidazole-terminated hyperbranched polymers with POSS-branching points and their pH responsive and coordination properties. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2695-2701.	2.5	4

#	ARTICLE	IF	CITATIONS
181	Surface Modification and Aggregation Control of Gold Nanoparticles via Multifunctional Stabilizer Based on Polyhedral Oligomeric Silsesquioxane. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 693-697.	2.0	4
182	Control of interparticle spacing in stable aggregates of gold nanoparticles by light irradiation. <i>Polymer Journal</i> , 2015, 47, 747-752.	1.3	4
183	Fabrication of polymer-calcite composite thin films by phase transition of vaterite composite particles with octacarboxy-terminated T8-caged silsesquioxane. <i>Polymer Journal</i> , 2016, 48, 1019-1027.	1.3	4
184	Turn-on type sensing of methanol vapor by a luminescent platinum(II) dichloride complex with 21-dibenzoarsacrown-7. <i>Dalton Transactions</i> , 2021, 50, 6682-6687.	1.6	4
185	Mechanochromic Properties of Boron-Difluoride Complexes Bearing Expanded Pyridine Ligands: Effects of Conjugated Skeletons and Halogen Atoms. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3148-3157.	1.0	4
186	Synthesis and Optical Properties of Thiazolo-Chlorin and Porphyrin Skeletons. <i>Organic Letters</i> , 2021, 23, 7996-8000.	2.4	4
187	UV-Resistant Trifluoropropyl-Substituted Open-Cage Silsesquioxane-Pendant Polysiloxanes. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1368-1375.	2.0	4
188	Unsymmetric Dumbbell-Shaped Polyhedral Oligomeric Silsesquioxane (POSS) Compound as a Single-Component POSS Hybrid. <i>Langmuir</i> , 2021, 37, 14777-14784.	1.6	4
189	Effect of Modifier on Enzymatic Function of Poly(N-Acylimino)ethylene-Modified Lipases in Organic Solvents. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997, 34, 35-48.	1.2	3
190	Metal-induced soluble bending structure of polyazomethine having a tetradentate ligand in the main chain. <i>Macromolecular Rapid Communications</i> , 1998, 19, 523-525.	2.0	3
191	Novel Aprotic Polar Polymers V. Synthesis of Poly(HMPA) by Ring-Opening Polymerization. <i>Polymer Journal</i> , 1999, 31, 506-509.	1.3	3
192	Synthesis of polymers having 1,3-cyclobutanedione unit in the main chain by cycloaddition polymerization of bisketene. <i>Polymer Bulletin</i> , 1999, 42, 367-372.	1.7	3
193	Synthesis and Characterization of New Side-Chain Liquid Crystalline Polyoxazolines. <i>Polymer Journal</i> , 2000, 32, 657-664.	1.3	3
194	Preparation of Soluble Poly(azomethine)s Having the $\beta^2$ -Diketonate Metal Complex in the Main Chain. <i>Polymer Journal</i> , 2000, 32, 316-320.	1.3	3
195	Synthesis of $\pi$ -conjugated poly(dithiafulvene) by cycloaddition polymerization of aldothioketene from a bis(1,2,3-thiadiazole) monomer. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5872-5876.	2.5	3
196	Layer-by-layer films based on charge transfer interaction of $\pi$ -conjugated poly(dithiafulvene) and incorporation of gold nanoparticles into the films. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1608-1615.	1.3	3
197	Photoinduced crystallization of calcium carbonate from a homogeneous precursor solution in the presence of partially hydrolyzed poly(vinyl alcohol). <i>Journal of Crystal Growth</i> , 2015, 416, 66-72.	0.7	3
198	Transition-Metal-Catalyzed Direct Arylation of Caged Silsesquioxanes: Substrate Scope and Mechanistic Study. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2202-2207.	1.0	3

#	ARTICLE	IF	CITATIONS
199	Reversible addition-fragmentation chain transfer cyclopolymerization of dimethacryloyl open-cage silesquioxane. <i>Journal of Polymer Science</i> , 2022, 60, 214-220.	2.0	3
200	Polymers with Pendant Water-Soluble Tetrafluorobenzene Sulfonic Acid Activated Esters: Synthesis, Stability, and Use for Glycopolymers in Water. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	3
201	Entropy-Driven Segregation of a Hydrophilic Cage Octasilicate for Improving Surface Hydrophilicity. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5413-5421.	2.0	3
202	Amphiphilic Block Copolymer-Lipase Aggregate in Aqueous-Organic Media. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997, 34, 587-595.	1.2	2
203	Synthesis of polymer having 1,2-triketone unit in the main chain and its copper (II) complex. <i>Polymer Bulletin</i> , 1998, 40, 701-706.	1.7	2
204	Synthesis of hydroboration copolymer of TCNQ and formation of polymer charge transfer complex therefrom. <i>Polymer Bulletin</i> , 1999, 42, 33-40.	1.7	2
205	Effect of solvent polarity on enzymatic function of poly [(N-acylimino)ethylene] modified lipase. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1999, 75, 49-53.	1.6	2
206	Polycondensation of $\alpha$ -amino acid esters in the presence of yttrium triflate as a Lewis acid. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4731-4735.	2.5	2
207	Polycondensation of activated L-valine and L-leucine esters with various lewis acids. <i>Journal of Polymer Science Part A</i> , 2007, 45, 543-547.	2.5	2
208	Preparation of composites of liquid-crystalline matrix of poly(p-phenylene-sulfoterephthalamide) and $\text{CaCO}_3$ by <i>in situ</i> mineralization. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	2
209	Solid-State Emissive Diaminomaleimide Dimers and a Polymer - Syntheses, Structures and Optical Properties. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3086-3092.	1.2	2
210	(Diphenylarsino)phenyl)diphenylphosphine as a Novel Template for Heterodinuclear Complexes. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 375-381.	1.3	2
211	Preparation and Esterification Activity of Poly[(N-Propionyl)-Iminoethylene] Modified Lipase from <i>Candida cylindracea</i> . <i>Biocatalysis and Biotransformation</i> , 1997, 15, 91-100.	1.1	1
212	Oxidation polymerization of a charge-transfer complex of 2,6-bis(2-thienyl)-1,4-dithiafulvene with 7,7,8,8-tetracyanoquinodimethane. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6592-6598.	2.5	1
213	Oxidative Polymerization of Silylthioketene Dimer. <i>Macromolecular Rapid Communications</i> , 2006, 27, 2113-2117.	2.0	1
214	Self-Assembly of Functionalized Gold Nanoparticles with Rigid and Flexible Multifunctional Linkers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 1733-1739.	1.2	1
215	Bidentate coordination effect on polycondensation of amino acid esters between metal triflates and methoxy groups. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2864-2868.	2.5	1
216	Effects of Diphenyl Dichalcogenides on the Radical Polymerization of Diethynyl Disulfide Derivative. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 55-66.	1.9	1

#	ARTICLE	IF	CITATIONS
217	Conductive casting films based on an octasilicate-core dendrimer containing the mixed-valence state TCNQ on the periphery. <i>RSC Advances</i> , 2016, 6, 114513-114518.	1.7	1
218	Preparation of photo-responsive hybrid materials based on hydrogels involving imidazolium-presenting gold nanoparticles. <i>Polymer Journal</i> , 2016, 48, 177-181.	1.3	1
219	Phosphorescent Metallacrown Ethers Enchained Through Coordination of Arsafluorene to Platinum(II) Dihalide. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4463-4469.	1.0	1
220	Synthesis of main-chain-type triphenylarsine polymers. <i>Polymer Journal</i> , 2023, 55, 555-563.	1.3	1
221	Synthesis and properties of oxygen-, methylene-, and alkylene-bridged poly(dithiafulvene)s. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3593-3603.	2.5	0
222	Ring-Collapsed Alternating Copolymerization of Organoarsenic Homocycles and Acetylenic Compounds. <i>ACS Symposium Series</i> , 2006, , 416-428.	0.5	0
223	Poly(dithiafulvene)s containing alkoxy groups and mesogenic moiety in the side chain: synthesis, properties and their charge-transfer complex. <i>Polymer Bulletin</i> , 2007, 59, 45-52.	1.7	0
224	Preparation of Ionic Liquid-Modified Inorganic Nanoparticles and Their Biomedical Application. <i>ACS Symposium Series</i> , 2010, , 103-114.	0.5	0
225	Facile Preparation of Hybrid Fluids from Ionic Liquid-Inorganic Nanoparticles:. <i>ACS Symposium Series</i> , 2010, , 211-220.	0.5	0
226	Photoinduced synthesis of single-digit micrometer-size spheroidal calcite composites in the presence of partially hydrolyzed poly(vinyl alcohol). <i>Journal of Crystal Growth</i> , 2015, 419, 79-87.	0.7	0
227	Synthesis of Organic-inorganic Hybrid Dendrimers Based on Caged Silsesquioxanes as Cores and Application for Solid-state Functional Materials. <i>Oleoscience</i> , 2017, 17, 203-210.	0.0	0
228	Element-Block Polymeric Materials Based on Cage Silsesquioxane Frameworks. , 2019, , 77-94.		0