

Naofumi Naga

List of Publications by Year in Descending Order

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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.

81
papers

1,139
citations

20
h-index

31
g-index

88
ext. papers

1,291
ext. citations

3.5
avg, IF

4.49
L-index

#	Paper	IF	Citations
81	Synthesis of porous polymers by means of Michael addition reaction of multifunctional acetoacetate and poly(ethylene glycol) diacrylate. <i>European Polymer Journal</i> , 2022 , 162, 110901	5.2	1
80	Synthesis and crystalline structure of poly(p-phenylene alkylene)s and poly(p-phenylene co-alkylenes)s by Kumada coupling reaction of 1,2-dibromoalkane and p-dichlorobenzene. <i>Journal of Polymer Research</i> , 2022 , 29, 1	2.7	
79	Ring-Opening Polymerization of Triaziridine Compounds in Water: An Extremely Facile Method to Synthesize a Porous Polymer through Polymerization-Induced Phase Separation.. <i>ACS Macro Letters</i> , 2022 , 11, 603-607	6.6	0
78	Aggregation-induced chirality amplification of optically active fluorescent polyurethane and a cyclic dimer in the ground and excited states.. <i>Chemical Communications</i> , 2021 ,	5.8	2
77	Purification and recycling of selenium in wastewater using polyacrylamide capsule containing selenate-reducing bacterium. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 2006-2013	3.5	
76	Synthesis of polymer networks by means of addition reactions of tri-amine and poly(ethylene glycol) diacrylate or diglycidyl ether compounds. <i>Polymer Bulletin</i> , 2021 , 78, 2745-2763	2.4	9
75	Pd Nanoparticles-Loaded Vinyl Polymer Gels: Preparation, Structure and Catalysis. <i>Catalysts</i> , 2021 , 11, 137	4	1
74	Optically active covalent organic frameworks and hyperbranched polymers with chirality induced by circularly polarized light. <i>Chemical Communications</i> , 2021 , 57, 7681-7684	5.8	2
73	Morphology Control and Metallization of Porous Polymers Synthesized by Michael Addition Reactions of a Multi-Functional Acrylamide with a Diamine. <i>Materials</i> , 2021 , 14,	3.5	1
72	Synthesis of gels by means of Michael addition reaction of multi-functional acetoacetate and diacrylate compounds and their application to ionic conductive gels. <i>Journal of Polymer Science</i> , 2021 , 59, 2129-2139	2.4	0
71	Photo racemization of 2,2'-dihydroxy-1,1'-binaphthyl derivatives.. <i>Chirality</i> , 2021 ,	2.1	1
70	Synthesis and properties of π -conjugated porous polymers obtained with Mizoroki-Bick reaction of tetra vinyl cyclic siloxane with dibromo fluorene. <i>Journal of Polymer Science</i> , 2020 , 58, 2301-2309	2.4	3
69	Phase and Morphology Control of Organic-Inorganic Hybrid Network Polymer by Means of Hydrosilylation Reaction of Cubic Silsesquioxane or Cyclic Polysiloxane and Divinyl or Diallyl Compounds. <i>Chemistry Letters</i> , 2020 , 49, 1236-1239	1.7	1
68	Synthesis and Properties of Organic-Inorganic Hybrid Porous Polymers Obtained with Click Addition Reactions of Thiol-Functionalized Random Type Silsesquioxane by and Diacrylate or Diisocyanate Compounds. <i>Open Journal of Polymer Chemistry</i> , 2020 , 10, 1-20	2.9	2
67	Synthesis and properties of degradable gels and porous polymers including acetal group in the network structure by addition reaction of multi-functional phenols and divinyl ether compounds. <i>Polymer Bulletin</i> , 2020 , 77, 5631-5645	2.4	3
66	Joint-Linker Type Ionic Gels Using Polymerizable Ionic Liquid as a Crosslinker via Thiol-Ene Click Reactions. <i>Polymers</i> , 2020 , 12,	4.5	1
65	Synthesis of Network Polymers by Means of Addition Reactions of Multifunctional-Amine and Poly(ethylene glycol) Diglycidyl Ether or Diacrylate Compounds. <i>Polymers</i> , 2020 , 12,	4.5	8

64	Synthesis of Network Polymers from Multifunctional Aromatic Thiol Compounds. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B3079-B3083	3.9	3
63	Modification and thermal properties of syndiotactic-1,2-polybutadiene. <i>Polymer Bulletin</i> , 2019 , 76, 241-257		3
62	Synthesis of Ionic Conductive Gels by Means of Menshutkin Reaction of Poly(epichlorohydrin) and Bisimidazole Compounds. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B916-B919	3.9	
61	Synthesis and properties of porous polymers synthesized by Michael addition reactions of multi-functional acrylate, diamine, and dithiol compounds.. <i>RSC Advances</i> , 2019 , 10, 60-69	3.7	8
60	Crystalline structure and phase transition of syndiotactic styrene-based copolymers. <i>Polymer International</i> , 2019 , 68, 71-78	3.3	3
59	Crystallization of poly(L-lactic acid)/poly(D-lactic acid) blend induced by organic solvents. <i>Polymer Bulletin</i> , 2019 , 76, 3677-3691	2.4	8
58	Synthesis of joint-linker type gels and porous polymers by addition reactions of multi-functional thiol and alkyl diacrylate, diisocyanate compounds. <i>Materials Today Communications</i> , 2019 , 18, 153-162	2.5	10
57	Synthesis of Joint-Linker Type Ionic Gels Containing Imidazole Units in the Network. <i>ECS Transactions</i> , 2018 , 88, 107-118	1	
56	Extremely Soft, Conductive, and Transparent Ionic Gels by 3D Optical Printing. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1800216	2.6	20
55	(Invited) Structural Analysis of Multifunctional Ionic Gels. <i>ECS Transactions</i> , 2018 , 88, 427-436	1	2
54	Synthesis of Network Polymers Containing Si-Vinylene Units by Mizoroki-Heck Reaction. <i>International Journal of Chemistry</i> , 2017 , 9, 1	1.1	4
53	Synthesis and properties of multifunctional thiol crosslinked gels containing disulfide bond in the network structure. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 3749-3756	2.5	10
52	Recyclable and efficient polyurethane-Ir catalysts for direct borylation of aromatic compounds. <i>Polymer Chemistry</i> , 2017 , 8, 7406-7415	4.9	3
51	Fluorescence Resonance Energy Transfer of Fluorescent Molecules in Joint-Linker Type Organic-Inorganic Hybrid Gels. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 2671-2678	2.6	3
50	Synthesis and properties of organic/inorganic hybrid liquid crystal gels. <i>Liquid Crystals</i> , 2016 , 43, 1616-1625		3
49	Development of ionic gels using thiol-based monomers in ionic liquid 2016 ,		2
48	Magnetic-field-induced alignment of syndiotactic polystyrene. <i>Polymer Journal</i> , 2016 , 48, 709-714	2.7	6
47	Synthesis of organic-inorganic hybrid gels by means of thiol-ene and azide-alkene reactions. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 2229-2238	2.5	12

46	Structure and formation processes of syndiotactic-polystyrene or styrene-based copolymer-organic solvent gels studied using scanning microscopic light scattering. <i>Polymer Journal</i> , 2015 , 47, 45-52	2.7	4
45	Synthesis and optical properties of π -conjugated organic-inorganic hybrid gels. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 1360-1368	2.5	1
44	Development of VOC Permselective Membranes by Using an Organic-Inorganic Hybrid Gel. <i>Kobunshi Ronbunshu</i> , 2014 , 71, 242-248	0	
43	Back Cover: Macromol. Biosci. 6/2014. <i>Macromolecular Bioscience</i> , 2014 , 14, 900-900	5.5	
42	Synthesis and optical properties of organic-inorganic hybrid semi-interpenetrating polymer network gels containing polyfluorenes. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 973-984	2.5	5
41	Magnetic-field induced alignment of low molecular weight polyethylene. <i>Polymer</i> , 2013 , 54, 784-790	3.9	11
40	Crystallization of Amorphous Poly(Lactic Acid) Induced by Vapor of Acetone to Form High Crystallinity and Transparency Specimen. <i>Open Journal of Polymer Chemistry</i> , 2013 , 03, 29-33	2.9	16
39	Synthesis of ethylene-styrene copolymer containing syndiotactic polystyrene sequence by trivalent titanium catalyst. <i>Polymer Journal</i> , 2012 , 44, 147-154	2.7	5
38	Synthesis and photophysical properties of polyethylene containing pyrenyl units in the side chain. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4223-4229	2.5	
37	Crystalline structure of polyethylene containing vinylene units in the main chain. <i>Polymer</i> , 2011 , 52, 4857-4866	5.9	2
36	Synthesis and chemosensing behavior of fluorene-based alternating copolymers containing ether side chains and Si-vinylene units in the main chain. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4935-4940	2.5	7
35	Crystallization of amorphous poly(lactic acid) induced by organic solvents. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 2058-2064	2.9	36
34	Synthesis and optical properties of organic-inorganic hybrid gels containing fluorescent molecules. <i>Polymer</i> , 2010 , 51, 5095-5099	3.9	10
33	Synthesis of polyethylene and polypropylene containing fluorene units in the side chain. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 3542-3552	2.5	3
32	Liquid Crystalline Features of Optically Active Poly(methylene-1,3-cyclopentane). <i>Macromolecules</i> , 2009 , 42, 7631-7633	5.5	17
31	Synthesis of Organic-Inorganic Hybrid Gels from Siloxane or Silsesquioxane and π -Nonconjugated Dienes by Means of a Photo Hydrosilylation Reaction. <i>Macromolecules</i> , 2009 , 42, 3454-3462	5.5	26
30	Synthesis and properties of fluorene or carbazole-based alternating copolymers containing Si and vinylene units in the main chain. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 4513-4521	2.5	20
29	Synthesis and properties of ethylene-substituted styrene copolymers. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 3770-3777	2.9	5

28	Mesh Size Control of Organic-Inorganic Hybrid Gels by Means of a Hydrosilylation Co-Gelation of Siloxane or Silsesquioxane and π -Non-Conjugated Dienes. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 2331-2338	2.6	22
27	Synthesis and properties of polyethylene and polypropylene containing hydroxylated cyclic units in the main chain. <i>Polymer</i> , 2006 , 47, 520-526	3.9	23
26	Polyolefins containing 1,3-disubstituted cyclopentane units as nucleating agents for isotactic polypropylene. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 2953-2958	2.9	3
25	Tailored Synthesis and Fundamental Characterization of Organic-Inorganic Hybrid Gels by Means of a Hydrosilylation Reaction. <i>Macromolecular Chemistry and Physics</i> , 2006 , 207, 627-635	2.6	34
24	Copolymerization of propylene and disubstituted diallylsilanes involving intramolecular cyclization with stereoselective zirconocene catalysts. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6083-6093	2.5	14
23	Synthesis and crystalline structure of polyethylene containing 1,3-cyclopentane units in the main chain by ring-opening metathesis copolymerization of cycloolefins following hydrogenation reaction. <i>Polymer</i> , 2006 , 47, 6081-6090	3.9	12
22	Synthesis of Polyolefins Containing Silacycloalkane Units in the Main Chain, 1. <i>Macromolecular Chemistry and Physics</i> , 2005 , 206, 1959-1966	2.6	9
21	Copolymerization of ethylene with cycloolefins or cycloolefins by a constrained-geometry catalyst. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 1285-1291	2.5	54
20	Copolymerization of ethylene and N-(vinylphenyl)carbazole with titanium and zirconium catalysts. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 911-915	2.5	12
19	Copolymerization of ethylene and 2-vinylnaphthalene with titanium and zirconium catalysts. <i>Polymer</i> , 2004 , 45, 7513-7517	3.9	8
18	Simultaneous wide-angle X-ray diffraction and differential scanning calorimetry analysis of the melting and recrystallization behavior of polyethylene and isotactic polypropylene containing cyclopentane units in the main chain. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 1457-1465	2.6	4
17	Unique Insertion Mode of 1,7-Octadiene in Copolymerization with Ethylene by a Constrained-Geometry Catalyst. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 1623-1627	4.8	20
16	Crystalline structures and thermal properties of poly(ethylene-co- π nonconjugated diene)s prepared by zirconocene catalysts. <i>Polymer</i> , 2004 , 45, 117-124	3.9	8
15	Synthesis of polyolefins with unique properties by using metallocene-type catalysts. <i>Macromolecular Symposia</i> , 2003 , 195, 45-62	0.8	6
14	Composition distribution of ethylene or propylene- π bornene copolymers obtained with zirconocene catalysts. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 441-448	2.5	19
13	Copolymerization of styrene and conjugated dienes with half-sandwich titanium(IV) catalysts: The effect of the ligand structure on the monomer reactivity, monomer sequence distribution, and insertion mode of dienes. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 939-946	2.5	21
12	Copolymerization of Ethylene and Cyclopentene with Zirconocene Catalysts: Effect of Ligand Structure of Zirconocenes. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 159-165	2.6	40
11	Copolymerization of Ethylene and 1,5-Hexadiene with Zirconocene Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 771-777	2.6	42

10	Copolymerization of Ethylene and 1,7-Octadiene, 1,9-Decadiene with Zirconocene Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 2155-2162	2.6	40
9	Structure of cyclopentene unit in the copolymer with propylene obtained by stereospecific zirconocene catalysts. <i>Polymer</i> , 2002 , 43, 2133-2139	3.9	15
8	Crystalline Structure and Thermal Property of Polyethylene and Isotactic Polypropylene Containing Cyclopentane Units in the Main Chain. <i>Macromolecules</i> , 2002 , 35, 3041-3047	5.5	29
7	Crystalline Structure of Polyethylene Containing 1,2- or 1,3-Disubstituted Cyclopentane Units in the Main Chain. <i>Macromolecules</i> , 2002 , 35, 9999-10003	5.5	21
6	Ethylene/Styrene Copolymerization by Various (Cyclopentadienyl)(aryloxy)titanium(IV) Complexes/MAO Catalyst Systems. <i>Macromolecules</i> , 2002 , 35, 5388-5395	5.5	115
5	Recent developments in olefin polymerizations with transition metal catalysts. <i>Progress in Polymer Science</i> , 2001 , 26, 1147-1198	29.6	111
4	Cyclopolymerization of 1,7-octadiene with metallocene/methylaluminoxane. <i>Macromolecular Chemistry and Physics</i> , 1999 , 200, 1466-1472	2.6	43
3	Copolymerization of Propene and Nonconjugated Diene Involving Intramolecular Cyclization with Metallocene/Methylaluminoxane. <i>Macromolecules</i> , 1999 , 32, 1348-1355	5.5	71
2	Properties and Crystalline Structures of Syndiotactic Poly(propylene-co-1-butene). <i>Macromolecules</i> , 1997 , 30, 2197-2200	5.5	40
1	Synthesis of network polymers by photo-initiated thiol-ene reaction between multi-functional thiol and poly(ethylene glycol) diacrylate. <i>Polymer Bulletin</i> , 1	2.4	0