Naofumi Naga

List of Publications by Citations

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	Ethylene/Styrene Copolymerization by Various (Cyclopentadienyl)(aryloxy)titanium(IV) Complexes□MAO Catalyst Systems. *Macromolecules*, **2002**, 35, 5388-5395	5.5	115
80	Recent developments in olefin polymerizations with transition metal catalysts. *Progress in Polymer Science*, **2001**, 26, 1147-1198	29.6	111
79	Copolymerization of Propene and Nonconjugated Diene Involving Intramolecular Cyclization with Metallocene/Methylaluminoxane. *Macromolecules*, **1999**, 32, 1348-1355	5.5	71
78	Copolymerization of ethylene with cycloolefins or cyclodiolefins by a constrained-geometry catalyst. *Journal of Polymer Science Part A*, **2005**, 43, 1285-1291	2.5	54
77	Cyclopolymerization of 1,7-octadiene with metallocene/methylaluminoxane. *Macromolecular Chemistry and Physics*, **1999**, 200, 1466-1472	2.6	43
76	Copolymerization of Ethylene and 1,5-Hexadiene with Zirconocene Catalysts. *Macromolecular Chemistry and Physics*, **2002**, 203, 771-777	2.6	42
75	Properties and Crystalline Structures of Syndiotactic Poly(propylene-co-1-butene). *Macromolecules*, **1997**, 30, 2197-2200	5.5	40
74	Copolymerization of Ethylene and Cyclopentene with Zirconocene Catalysts: Effect of Ligand Structure of Zirconocenes. *Macromolecular Chemistry and Physics*, **2002**, 203, 159-165	2.6	40
73	Copolymerization of Ethylene and 1,7-Octadiene, 1,9-Decadiene with Zirconocene Catalysts. *Macromolecular Chemistry and Physics*, **2002**, 203, 2155-2162	2.6	40
72	Crystallization of amorphous poly(lactic acid) induced by organic solvents. *Journal of Applied Polymer Science*, **2011**, 119, 2058-2064	2.9	36
71	Tailored Synthesis and Fundamental Characterization of Organic-Inorganic Hybrid Gels by Means of a Hydrosilylation Reaction. *Macromolecular Chemistry and Physics*, **2006**, 207, 627-635	2.6	34
70	Crystalline Structure and Thermal Property of Polyethylene and Isotactic Polypropylene Containing Cyclopentane Units in the Main Chain. *Macromolecules*, **2002**, 35, 3041-3047	5.5	29
69	Synthesis of Organic□norganic Hybrid Gels from Siloxane or Silsesquioxane and □Nonconjugated Dienes by Means of a Photo Hydrosilylation Reaction. *Macromolecules*, **2009**, 42, 3454-3462	5.5	26
68	Synthesis and properties of polyethylene and polypropylene containing hydroxylated cyclic units in the main chain. *Polymer*, **2006**, 47, 520-526	3.9	23
67	Mesh Size Control of Organic-Inorganic Hybrid Gels by Means of a Hydrosilylation Co-Gelation of Siloxane or Silsesquioxane and □Non-Conjugated Dienes. *Macromolecular Chemistry and Physics*, **2007**, 208, 2331-2338	2.6	22
66	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. *Journal of Polymer Science Part A*, **2003**, 41, 939-946	2.5	21
65	Crystalline Structure of Polyethylene Containing 1,2- or 1,3-Disubstituted Cyclopentane Units in the Main Chain. *Macromolecules*, **2002**, 35, 9999-10003	5.5	21

64	Synthesis and properties of fluorene or carbazole-based alternating copolymers containing Si and vinylene units in the main chain. *Journal of Polymer Science Part A*, **2008**, 46, 4513-4521	2.5	20
63	Unique Insertion Mode of 1,7-Octadiene in Copolymerization with Ethylene by a Constrained-Geometry Catalyst. *Macromolecular Rapid Communications*, **2004**, 25, 1623-1627	4.8	20
62	Extremely Soft, Conductive, and Transparent Ionic Gels by 3D Optical Printing. *Macromolecular Chemistry and Physics*, **2018**, 219, 1800216	2.6	20
61	Composition distribution of ethylene or propylene–norbornene copolymers obtained with zirconocene catalysts. *Journal of Polymer Science Part A*, **2003**, 41, 441-448	2.5	19
60	Liquid Crystalline Features of Optically Active Poly(methylene-1,3-cyclopentane). *Macromolecules*, **2009**, 42, 7631-7633	5.5	17
59	Crystallization of Amorphous Poly(Lactic Acid) Induced by Vapor of Acetone to Form High Crystallinity and Transparency Specimen. *Open Journal of Polymer Chemistry*, **2013**, 03, 29-33	2.9	16
58	Structure of cyclopentene unit in the copolymer with propylene obtained by stereospecific zirconocene catalysts. *Polymer*, **2002**, 43, 2133-2139	3.9	15
57	Copolymerization of propylene and disubstituted diallylsilanes involving intramolecular cyclization with stereoselective zirconocene catalysts. *Journal of Polymer Science Part A*, **2006**, 44, 6083-6093	2.5	14
56	Synthesis and crystalline structure of polyethylene containing 1,3-cylopentane units in the main chain by ring-opening metathesis copolymerization of cycloolefins following hydrogenation reaction. *Polymer*, **2006**, 47, 6081-6090	3.9	12
55	Copolymerization of ethylene and N-(vinylphenyl)carbazole with titanium and zirconium catalysts. *Journal of Polymer Science Part A*, **2005**, 43, 911-915	2.5	12
54	Synthesis of organic-inorganic hybrid gels by means of thiol-ene and azide-alkene reactions. *Journal of Polymer Science Part A*, **2016**, 54, 2229-2238	2.5	12
53	Magnetic-field induced alignment of low molecular weight polyethylene. *Polymer*, **2013**, 54, 784-790	3.9	11
52	Synthesis and properties of multifunctional thiol crosslinked gels containing disulfide bond in the network structure. *Journal of Polymer Science Part A*, **2017**, 55, 3749-3756	2.5	10
51	Synthesis and optical properties of organic–inorganic hybrid gels containing fluorescent molecules. *Polymer*, **2010**, 51, 5095-5099	3.9	10
50	Synthesis of joint-linker type gels and porous polymers by addition reactions of multi-functional thiol and alkyl diacrylate, diisocyanate compounds. *Materials Today Communications*, **2019**, 18, 153-162	2.5	10
49	Synthesis of Polyolefins Containing Silacycloalkane Units in the Main Chain, 1. *Macromolecular Chemistry and Physics*, **2005**, 206, 1959-1966	2.6	9
48	Synthesis of polymer networks by means of addition reactions of tri-amine and poly(ethylene glycol) diacrylate or diglycidyl ether compounds. *Polymer Bulletin*, **2021**, 78, 2745-2763	2.4	9
47	Copolymerization of ethylene and 2-vinylnaphtalene with titanium and zirconium catalysts. *Polymer* , **2004**, 45, 7513-7517	3.9	8

46	Crystalline structures and thermal properties of poly(ethylene-co-□honconjugated diene)s prepared by zirconocene catalysts. *Polymer*, **2004**, 45, 117-124	3.9	8
45	Synthesis and properties of porous polymers synthesized by Michael addition reactions of multi-functional acrylate, diamine, and dithiol compounds.. *RSC Advances*, **2019**, 10, 60-69	3.7	8
44	Synthesis of Network Polymers by Means of Addition Reactions of Multifunctional-Amine and Poly(ethylene glycol) Diglycidyl Ether or Diacrylate Compounds. *Polymers*, **2020**, 12,	4.5	8
43	Crystallization of poly(L-lactic acid)/poly(D-lactic acid) blend induced by organic solvents. *Polymer Bulletin*, **2019**, 76, 3677-3691	2.4	8
42	Synthesis and chemosensing behavior of fluorene-based alternating copolymers containing ether side chains and Si□inylene units in the main chain. *Journal of Polymer Science Part A*, **2011**, 49, 4935-4940	2.5	7
41	Magnetic-field-induced alignment of syndiotactic polystyrene. *Polymer Journal*, **2016**, 48, 709-714	2.7	6
40	Synthesis of polyolefins with unique properties by using metallocene-type catalysts. *Macromolecular Symposia*, **2003**, 195, 45-62	0.8	6
39	Synthesis and optical properties of organic□norganic hybrid semi-interpenetrating polymer network gels containing polyfluorenes. *Journal of Polymer Science Part A*, **2014**, 52, 973-984	2.5	5
38	Synthesis of ethylene□tyrene copolymer containing syndiotactic polystyrene sequence by trivalent titanium catalyst. *Polymer Journal*, **2012**, 44, 147-154	2.7	5
37	Synthesis and properties of ethylene-substituted styrene copolymers. *Journal of Applied Polymer Science*, **2008**, 110, 3770-3777	2.9	5
36	Structure and formation processes of syndiotactic-polystyrene or styrene-based copolymer-organic solvent gels studied using scanning microscopic light scattering. *Polymer Journal*, **2015**, 47, 45-52	2.7	4
35	Synthesis of Network Polymers Containing Si-Vinylene Units by Mizoroki-Heck Reaction. *International Journal of Chemistry*, **2017**, 9, 1	1.1	4
34	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. *Journal of Polymer Science, Part B: Polymer Physics*, **2004**, 42, 1457-1465	2.6	4
33	Synthesis of Network Polymers from Multifunctional Aromatic Thiol Compounds. *Journal of the Electrochemical Society*, **2019**, 166, B3079-B3083	3.9	3
32	Synthesis and properties of □t-conjugated porous polymers obtained with Mizoroki□Heck reaction of tetra vinyl cyclic siloxane with dibromo fluorene. *Journal of Polymer Science*, **2020**, 58, 2301-2309	2.4	3
31	Fluorescence Resonance Energy Transfer of Fluorescent Molecules in Joint-Linker Type Organic-Inorganic Hybrid Gels. *Macromolecular Chemistry and Physics*, **2016**, 217, 2671-2678	2.6	3
30	Synthesis and properties of organic□norganic hybrid liquid crystal gels. *Liquid Crystals*, **2016**, 43, 1616-1625	2.3	3
29	Modification and thermal properties of syndiotactic-1,2-polybutadiene. *Polymer Bulletin*, **2019**, 76, 241-257	2.4	3

28	Recyclable and efficient polyurethane-Ir catalysts for direct borylation of aromatic compounds. *Polymer Chemistry*, **2017**, 8, 7406-7415	4.9	3
27	Synthesis of polyethylene and polypropylene containing fluorene units in the side chain. *Journal of Polymer Science Part A*, **2010**, 48, 3542-3552	2.5	3
26	Polyolefins containing 1,3-disubstituted cyclopentane units as nucleating agents for isotactic polypropylene. *Journal of Applied Polymer Science*, **2006**, 102, 2953-2958	2.9	3
25	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. *Polymer Bulletin*, **2020**, 77, 5631-5645	2.4	3
24	Crystalline structure and phase transition of syndiotactic styrene-based copolymers. *Polymer International*, **2019**, 68, 71-78	3.3	3
23	Development of ionic gels using thiol-based monomers in ionic liquid **2016**,		2
22	Crystalline structure of polyethylene containing vinylene units in the main chain. *Polymer*, **2011**, 52, 4857-4866	3.9	2
21	Aggregation-induced chirality amplification of optically active fluorescent polyurethane and a cyclic dimer in the ground and excited states.. *Chemical Communications*, **2021**,	5.8	2
20	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. *Open Journal of Polymer Chemistry*, **2020**, 10, 1-20	2.9	2
19	Optically active covalent organic frameworks and hyperbranched polymers with chirality induced by circularly polarized light. *Chemical Communications*, **2021**, 57, 7681-7684	5.8	2
18	(Invited) Structural Analysis of Multifunctional Ionic Gels. *ECS Transactions*, **2018**, 88, 427-436	1	2
17	Synthesis and optical properties of □conjugated organic□inorganic hybrid gels. *Journal of Polymer Science Part A*, **2015**, 53, 1360-1368	2.5	1
16	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. *Chemistry Letters*, **2020**, 49, 1236-1239	1.7	1
15	Synthesis of porous polymers by means of Michael addition reaction of multifunctional acetoacetate and poly(ethylene glycol) diacrylate. *European Polymer Journal*, **2022**, 162, 110901	5.2	1
14	Joint-Linker Type Ionic Gels Using Polymerizable Ionic Liquid as a Crosslinker via Thiol-Ene Click Reactions. *Polymers*, **2020**, 12,	4.5	1
13	Pd Nanoparticles-Loaded Vinyl Polymer Gels: Preparation, Structure and Catalysis. *Catalysts*, **2021**, 11, 137	4	1
12	Morphology Control and Metallization of Porous Polymers Synthesized by Michael Addition Reactions of a Multi-Functional Acrylamide with a Diamine. *Materials*, **2021**, 14,	3.5	1
11	Photo racemization of 2,2Udihydroxy-1,1Ubinaphthyl derivatives.. *Chirality*, **2021**,	2.1	1

10	Synthesis of network polymers by photo-initiated thiol-ene reaction between multi-functional thiol and poly(ethylene glycol) diacrylate. *Polymer Bulletin*,1	2.4	0
9	Synthesis of gels by means of Michael addition reaction of multi-functional acetoacetate and diacrylate compounds and their application to ionic conductive gels. *Journal of Polymer Science*, **2021**, 59, 2129-2139	2.4	0
8	Ring-Opening Polymerization of Triaziridine Compounds in Water: An Extremely Facile Method to Synthesize a Porous Polymer through Polymerization-Induced Phase Separation.. *ACS Macro Letters* , **2022**, 11, 603-607	6.6	0
7	Synthesis of Ionic Conductive Gels by Means of Menschutkin Reaction of Poly(epichlorohydrin) and Bisimidazole Compounds. *Journal of the Electrochemical Society*, **2019**, 166, B916-B919	3.9	
6	Development of VOC Permselective Membranes by Using an Organic-Inorganic Hybrid Gel. *Kobunshi Ronbunshu*, **2014**, 71, 242-248	0	
5	Back Cover: Macromol. Biosci. 6/2014. *Macromolecular Bioscience*, **2014**, 14, 900-900	5.5	
4	Synthesis and photophysical properties of polyethylene containing pyrenyl units in the side chain. *Journal of Polymer Science Part A*, **2012**, 50, 4223-4229	2.5	
3	Purification and recycling of selenium in wastewater using polyacrylamide capsule containing selenate-reducing bacterium. *Journal of Chemical Technology and Biotechnology*, **2021**, 96, 2006-2013	3.5	
2	Synthesis of Joint-Linker Type Ionic Gels Containing Imidazole Units in the Network. *ECS Transactions*, **2018**, 88, 107-118	1	
1	Synthesis and crystalline structure of poly(p-phenylene alkylene)s and poly(p-phenylene co-alkylenes)s by Kumada coupling reaction of ,-dibromoalkane and p-dichlorobenzene. *Journal of Polymer Research*, **2022**, 29, 1	2.7	