

Hiroyuki Nishide

List of Publications by Year in descending order

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633
papers

17,538
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22099

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664
all docs

664
docs citations

664
times ranked

10444
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Flexible Batteries. <i>Science</i> , 2008, 319, 737-738.	6.0	1,017
2	Organic radical battery: nitroxide polymers as a cathode-active material. <i>Electrochimica Acta</i> , 2004, 50, 827-831.	2.6	460
3	Radical Polymers for Organic Electronic Devices: A Radical Departure from Conjugated Polymers?. <i>Advanced Materials</i> , 2009, 21, 2339-2344.	11.1	417
4	Emerging n-Type Redox-Active Radical Polymer for a Totally Organic Polymer-Based Rechargeable Battery. <i>Advanced Materials</i> , 2009, 21, 1627-1630.	11.1	360
5	Photocrosslinked nitroxide polymer cathode-active materials for application in an organic-based paper battery. <i>Chemical Communications</i> , 2007, , 1730.	2.2	270
6	Organic Radical Battery Approaching Practical Use. <i>Chemistry Letters</i> , 2011, 40, 222-227.	0.7	254
7	p- and n-Type Bipolar Redox-Active Radical Polymer: Toward Totally Organic Polymer-Based Rechargeable Devices with Variable Configuration. <i>Advanced Materials</i> , 2011, 23, 751-754.	11.1	226
8	Polymer-metal complexes and their catalytic activity. <i>Advances in Polymer Science</i> , 1977, , 1-87.	0.4	211
9	Nernstian Adsorbate-like Bulk Layer of Organic Radical Polymers for High-Density Charge Storage Purposes. <i>Journal of the American Chemical Society</i> , 2008, 130, 14459-14461.	6.6	209
10	Aqueous Electrochemistry of Poly(vinylanthraquinone) for Anode-Active Materials in High-Density and Rechargeable Polymer/Air Batteries. <i>Journal of the American Chemical Society</i> , 2011, 133, 19839-19843.	6.6	206
11	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1976, 177, 2295-2310.	1.1	184
12	Organic Radical Battery. <i>Electrochemical Society Interface</i> , 2005, 14, 32-36.	0.3	176
13	Electron-Transfer Kinetics of Nitroxide Radicals as an Electrode-Active Material. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 2203-2204.	2.0	171
14	An ultrafast chargeable polymer electrode based on the combination of nitroxide radical and aqueous electrolyte. <i>Chemical Communications</i> , 2009, , 836-838.	2.2	164
15	Battery-Inspired, Nonvolatile, and Rewritable Memory Architecture: a Radical Polymer-Based Organic Device. <i>Journal of the American Chemical Society</i> , 2007, 129, 14128-14129.	6.6	158
16	A TEMPO-substituted polyacrylamide as a new cathode material: an organic rechargeable device composed of polymer electrodes and aqueous electrolyte. <i>Green Chemistry</i> , 2010, 12, 1573.	4.6	153
17	SELECTIVE ADSORPTION OF METAL IONS ON CROSSLINKED POLY(VINYLPYRIDINE) RESIN PREPARED WITH A METAL ION AS A TEMPLATE. <i>Chemistry Letters</i> , 1976, 5, 169-174.	0.7	151
18	Cathode- and Anode-Active Poly(nitroxylstyrene)s for Rechargeable Batteries: p- and n-Type Redox Switching via Substituent Effects. <i>Macromolecules</i> , 2007, 40, 3167-3173.	2.2	148

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19	Synthesis and Characterization of Radical-Bearing Polyethers as an Electrode-Active Material for Organic Secondary Batteries. <i>Macromolecules</i> , 2008, 41, 6646-6652.	2.2	145
20	Surface Modification of Hemoglobin Vesicles with Poly(ethylene glycol) and Effects on Aggregation, Viscosity, and Blood Flow during 90 Exchange Transfusion in Anesthetized Rats. <i>Bioconjugate Chemistry</i> , 1997, 8, 23-30.	1.8	140
21	Diffusion-Cooperative Model for Charge Transport by Redox-Active Nonconjugated Polymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 1049-1056.	6.6	130
22	Synthesis and Charge Transport Properties of Redox-Active Nitroxide Polyethers with Large Site Density. <i>Macromolecules</i> , 2010, 43, 10382-10389.	2.2	121
23	An Aqueous, Electrolyte-Type, Rechargeable Device Utilizing a Hydrophilic Radical Polymer Cathode. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1989-1995.	1.1	116
24	Dual-mode transport of molecular oxygen in a membrane containing a cobalt porphyrin complex as a fixed carrier. <i>Macromolecules</i> , 1987, 20, 417-422.	2.2	113
25	Synthesis and electroluminescent property of poly(p-phenylenevinylene)s bearing triarylamine pendants. <i>Polymer</i> , 2005, 46, 3767-3775.	1.8	104
26	Radical Polymer-Wrapped SWNTs at a Molecular Level: High-Rate Redox Mediation Through a Percolation Network for a Transparent Charge-Storage Material. <i>Advanced Materials</i> , 2011, 23, 4440-4443.	11.1	103
27	Polyviologen Hydrogel with High-Rate Capability for Anodes toward an Aqueous Electrolyte-Type and Organic-Based Rechargeable Device. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1355-1361.	4.0	102
28	Poly(phenylenevinylene)-Attached Phenoxy Radicals: Ferromagnetic Interaction through Planarized and π -Conjugated Skeletons. <i>Journal of the American Chemical Society</i> , 1996, 118, 9695-9704.	6.6	101
29	Room-Temperature High-Spin Organic Single Molecule: Nanometer-Sized and Hyperbranched Poly[1,2,(4)-phenylenevinyleneaminium]. <i>Journal of the American Chemical Society</i> , 2006, 128, 996-1001.	6.6	101
30	The kinetics of the oxidative polymerization of 2,6-xyleneol with a copper-amine complex. <i>Die Makromolekulare Chemie</i> , 1972, 151, 221-234.	1.1	98
31	Corrosion of carbon supports at cathode during hydrogen/air replacement at anode studied by visualization of oxygen partial pressures in a PEFC Start-up/shut-down simulation. <i>Journal of Power Sources</i> , 2011, 196, 3003-3008.	4.0	98
32	Reversible coordination and facilitated transport of molecular nitrogen in poly((vinylcyclopentadienyl)manganese) membrane. <i>Journal of the American Chemical Society</i> , 1989, 111, 7175-7179.	6.6	96
33	Physical Properties of Hemoglobin Vesicles as Red Cell Substitutes. <i>Biotechnology Progress</i> , 1996, 12, 119-125.	1.3	93
34	Nitroxide Radicals as Highly Reactive Redox Mediators in Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10177-10180.	7.2	93
35	Structural Implication of Oxoammonium Cations for Reversible Organic One-electron Redox Reaction to Nitroxide Radicals. <i>Chemistry Letters</i> , 2007, 36, 866-867.	0.7	92
36	Expanding the Dimensionality of Polymers Populated with Organic Robust Radicals toward Flow Cell Application: Synthesis of TEMPO-Crowded Bottlebrush Polymers Using Anionic Polymerization and ROMP. <i>Macromolecules</i> , 2014, 47, 8611-8617.	2.2	91

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37	Synthesis of Pendant Nitronyl Nitroxide Radical-Containing Poly(norbornene)s as Ambipolar Electrode-Active Materials. <i>Macromolecules</i> , 2013, 46, 1361-1367.	2.2	87
38	A Novel Triphenylamine-Substituted Poly(p-phenylenevinylene): π -Improved Photo- and Electroluminescent Properties. <i>Chemistry of Materials</i> , 2001, 13, 3817-3819.	3.2	84
39	Redox-active polyimide/carbon nanocomposite electrodes for reversible charge storage at negative potentials: expanding the functional horizon of polyimides. <i>Journal of Materials Chemistry</i> , 2010, 20, 5404.	6.7	83
40	Highly selective transport of molecular oxygen in a polymer containing a cobalt porphyrin complex as a fixed carrier. <i>Macromolecules</i> , 1986, 19, 494-496.	2.2	80
41	The catalytic effects of the poly(vinylpyridine)-ligand in the oxidative polymerization of phenols. <i>Die Makromolekulare Chemie</i> , 1973, 164, 203-213.	1.1	79
42	Ladderlike Ferromagnetic Spin Coupling Network on a π -Conjugated Pendant Polyradical. <i>Journal of the American Chemical Society</i> , 2003, 125, 3554-3557.	6.6	79
43	Environmentally benign batteries based on organic radical polymers. <i>Pure and Applied Chemistry</i> , 2009, 81, 1961-1970.	0.9	79
44	Purification of Concentrated Hemoglobin Using Organic Solvent and Heat Treatment. <i>Protein Expression and Purification</i> , 1993, 4, 563-569.	0.6	78
45	Aryl sulfide bond formation using the sulfoxide-acid system for synthesis of poly(p-phenylene sulfide) via poly(sulfonium cation) as a precursor. <i>Journal of the American Chemical Society</i> , 1993, 115, 5819-5820.	6.6	78
46	High-Density and Robust Charge Storage with Poly(anthraquinone-substituted norbornene) for Organic Electrode-Active Materials in Polymer π -Air Secondary Batteries. <i>Macromolecules</i> , 2015, 48, 2429-2434.	2.2	78
47	Through-Bond and Long-Range Ferromagnetic Spin Alignment in a π -Conjugated Polyradical with a Poly(phenylenevinylene) Skeleton. <i>Journal of the American Chemical Society</i> , 1995, 117, 548-549.	6.6	75
48	Totally Organic Polymer-Based Electrochromic Cell Using TEMPO-Substituted Polynorbornene as a Counter Electrode-Active Material. <i>Polymer Journal</i> , 2008, 40, 763-767.	1.3	73
49	Synthesis of Pendant Radical- and Ion-Containing Block Copolymers via Ring-Opening Metathesis Polymerization for Organic Resistive Memory. <i>ACS Macro Letters</i> , 2014, 3, 703-707.	2.3	73
50	A Quasi-Solid State DSSC with 10.1% Efficiency through Molecular Design of the Charge-Separation and -Transport. <i>Scientific Reports</i> , 2016, 6, 28022.	1.6	73
51	An Ultrahigh Output Rechargeable Electrode of a Hydrophilic Radical Polymer/Nanocarbon Hybrid with an Exceptionally Large Current Density beyond 1 A cm ⁻² . <i>Advanced Materials</i> , 2018, 30, e1800900.	11.1	73
52	High-spin alignment in π -conjugated Polyradicals: A Magnetic polymer. <i>Advanced Materials</i> , 1995, 7, 937-941.	11.1	72
53	A Nanometer-Sized High-Spin Polyradical: π Poly(4-phenoxy-1,2-phenylenevinylene) Planarily Extended in a Non-Kekulé Fashion and Its Magnetic Force Microscopic Images. <i>Journal of the American Chemical Society</i> , 2001, 123, 5942-5946.	6.6	72
54	Cationic polysulfonium membrane as separator in zinc π -air cell. <i>Journal of Power Sources</i> , 2003, 115, 149-152.	4.0	70

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55	Poly(thiaheterohelicene): A Stiff Conjugated Helical Polymer Comprised of Fused Benzothiophene Rings. <i>Organic Letters</i> , 2005, 7, 755-758.	2.4	68
56	Subcutaneous microvascular responses to hemodilution with a red cell substitute consisting of polyethyleneglycol-modified vesicles encapsulating hemoglobin. , 1998, 40, 66-78.		65
57	Oxovanadium-catalyzed oxidative polymerization of diphenyl disulfides with oxygen. <i>Macromolecules</i> , 1993, 26, 3432-3437.	2.2	64
58	Novel Pressure-Sensitive Paint for Cryogenic and Unsteady Wind-Tunnel Testing. <i>Journal of Thermophysics and Heat Transfer</i> , 2002, 16, 109-115.	0.9	64
59	m-Phenylene-Linked Aromatic Poly(aminium cationic radical)s: Persistent High-Spin Organic Polyradicals. <i>Organic Letters</i> , 2003, 5, 2165-2168.	2.4	63
60	Physiologic responses to exchange transfusion with hemoglobin vesicles as an artificial oxygen carrier in anesthetized rats. <i>Critical Care Medicine</i> , 1996, 24, 1869-1873.	0.4	63
61	Functionalization of poly(4-chloromethylstyrene) with anthraquinone pendants for organic anode active materials. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1242-1247.	1.6	62
62	Adsorption of metal ions on crosslinked poly(4-vinylpyridine) resins prepared with a metal ion as template. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1977, 15, 3023-3029.	0.8	60
63	Platinum porphyrin embedded in poly(1-trimethylsilyl-1-propyne) film as an optical sensor for trace analysis of oxygen. <i>Analyst, The</i> , 2000, 125, 1911-1914.	1.7	60
64	Oxidative Polymerization of 2,6-Dimethylphenol To Form Poly(2,6-dimethyl-1,4-phenyleneoxide) in Water. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 730-733.	7.2	60
65	Binding of Methylene Blue to Polyelectrolytes Containing Sulfonate Groups. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1167-1175.	1.1	60
66	Efficient charge transport of a radical polyether/SWCNT composite electrode for an organic radical battery with high charge-storage density. <i>RSC Advances</i> , 2015, 5, 15448-15452.	1.7	60
67	Quantifying TEMPO Redox Polymer Charge Transport toward the Organic Radical Battery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10692-10698.	4.0	60
68	Nitroxide Radicals for Highly Efficient Redox Mediation in Dye-sensitized Solar Cells. <i>Chemistry Letters</i> , 2010, 39, 464-465.	0.7	59
69	Average Octet Radical Polymer: A Stable Polyphenoxyl with Star-Shaped π -Conjugation. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2400-2402.	7.2	58
70	Influence of the Linear Aromatic Density on Methylene Blue Aggregation around Polyanions Containing Sulfonate Groups. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4151-4158.	1.2	58
71	Electrochemical Preparation of Poly(p-phenylene) Using Trifluoromethane Sulfonic Acid as a Catalytic Electrolyte. <i>Chemistry Letters</i> , 1987, 16, 1541-1544.	0.7	57
72	Membranes of the Picket Fence Cobalt Porphyrin Complexed with Poly(vinylimidazole and -pyridine)s: A Selective Optical Response to Oxygen. <i>Macromolecules</i> , 2000, 33, 2530-2534.	2.2	57

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73	Improving Charge/Discharge Properties of Radical Polymer Electrodes Influenced Strongly by Current Collector/Carbon Fiber Interface. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8335-8340.	1.2	57
74	Anionic Polymerization of 4-Methacryloyloxy-TEMPO Using an MMA-Capped Initiator. <i>ACS Macro Letters</i> , 2014, 3, 240-243.	2.3	57
75	Regioregular Polythiophene with Pendant Phenoxy Radicals: A New High-Spin Organic Polymer. <i>Macromolecules</i> , 2000, 33, 8211-8217.	2.2	56
76	A High-Spin and Helical Organic Polymer: Poly{[4-(dianisylaminium)phenyl]acetylene}. <i>Macromolecules</i> , 2006, 39, 6331-6335.	2.2	56
77	Light-assisted electrochemical water-splitting at very low bias voltage using metal-free polythiophene as photocathode at high pH in a full-cell setup. <i>Energy and Environmental Science</i> , 2018, 11, 1335-1342.	15.6	56
78	Facilitated transport of molecular oxygen in the membranes of polymer-coordinated cobalt Schiff base complexes. <i>Macromolecules</i> , 1987, 20, 1907-1912.	2.2	55
79	Nitroxide polymer networks formed by Michael addition: on site-cured electrode-active organic coating. <i>Chemical Communications</i> , 2010, 46, 3475.	2.2	55
80	Magnetic Characterization and Computational Modeling of Poly(phenylacetylenes) Bearing Stable Radical Groups. <i>Macromolecules</i> , 1994, 27, 3082-3086.	2.2	53
81	Semiempirical Investigation of Stilbene-Linked Diradicals and Magnetic Study of Their Bis(N-tert-butyl nitroxide) Variants. <i>Journal of Organic Chemistry</i> , 1994, 59, 4272-4280.	1.7	52
82	Highly Selective Oxygen Permeation through a Poly(vinylidene dichloride)-Cobalt Porphyrin Membrane: Hopping Transport of Oxygen via the Fixed Cobalt Porphyrin Carrier. <i>Journal of Physical Chemistry B</i> , 1998, 102, 8766-8770.	1.2	52
83	A High-Spin and Durable Polyradical: Poly(4-diphenylaminium-1,2-phenylenevinylene). <i>Journal of Organic Chemistry</i> , 2004, 69, 631-638.	1.7	52
84	The Cu-catalyzed oxidative polymerization of phenols. <i>Die Makromolekulare Chemie</i> , 1975, 176, 1349-1358.	1.1	50
85	Polymerization of diphenyl disulfide by the S-S bond cleavage with a Lewis acid: a novel preparation route to poly(p-phenylene sulfide). <i>Macromolecules</i> , 1990, 23, 2101-2106.	2.2	50
86	Dual Dopable Poly(phenylacetylene) with Nitronyl Nitroxide Pendants for Reversible Ambipolar Charging and Discharging. <i>Chemistry Letters</i> , 2011, 40, 184-185.	0.7	50
87	Cyclic Tetramer of a Metalloporphyrin Based on a Quadruple Hydrogen Bond. <i>Organic Letters</i> , 2006, 8, 2225-2228.	2.4	49
88	Ambient-Light-Promoted Three-Component Annulation: Synthesis of Perfluoroalkylated Pyrimidines. <i>Organic Letters</i> , 2017, 19, 2358-2361.	2.4	49
89	Application of Pressure-Sensitive Paints to Low-Pressure Range. <i>Journal of Thermophysics and Heat Transfer</i> , 2005, 19, 9-16.	0.9	48
90	π -Stacking of rhodamine B onto water-soluble polymers containing aromatic groups. <i>Polymer</i> , 2006, 47, 6496-6500.	1.8	48

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91	Poly(p-ethynylphenyl)galvinoxyl: formation of a new conjugated polyradical with an extraordinarily high spin concentration. <i>Macromolecules</i> , 1990, 23, 4487-4488.	2.2	47
92	Synthesis of and Ferromagnetic Coupling in Poly(phenylenevinylene)s Bearing Built-in-Butyl Nitroxides. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 499-508.	2.0	47
93	Robust and efficient charge storage by uniform grafting of TEMPO radical polymer around multi-walled carbon nanotubes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2999.	5.2	46
94	Comparative Study of the Self-Aggregation of Rhodamine 6G in the Presence of Poly(sodium Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 Poly(styrene- <i>alt</i> -maleic acid), and Poly(sodium acrylate). <i>Journal of Physical Chemistry B</i> , 2010, 114, 11983-11992.	1.2	45
95	Poly(vinylidenebenzothiophenesulfone): Its Redox Capability at Very Negative Potential Toward an All-Organic Rechargeable Device with High Energy Density. <i>Advanced Functional Materials</i> , 2018, 28, 1805858.	7.8	45
96	Poly [(3,5-di-tert-butyl-4-hydroxyphenyl)acetylene]: formation of a conjugated stable polyradical. <i>Macromolecules</i> , 1988, 21, 3119-3120.	2.2	44
97	TEMPO radical polymer grafted silicas as solid state catalysts for the oxidation of alcohols. <i>RSC Advances</i> , 2013, 3, 9752.	1.7	44
98	Hemoglobin model " Artificial oxygen carrier composed of porphyratoiron complexes. , 1986, , 63-99.		43
99	New synthesis of poly(phenylene sulfide)s through oxygen oxidative polymerization of diphenyl disulfide with vanadium oxide catalyst. <i>Macromolecules</i> , 1989, 22, 4138-4140.	2.2	43
100	Oxidative polymerization of diphenyl disulfides with quinones: formation of ultrapure poly(p-phenylene sulfide)s. <i>Macromolecules</i> , 1990, 23, 930-934.	2.2	43
101	Evaluation of the Capabilities of a Hemoglobin Vesicle as an Artificial Oxygen Carrier in a Rat Exchange Transfusion Model. <i>ASAIO Journal</i> , 1997, 43, 289-297.	0.9	43
102	Tuning the pKa of the antihistaminic drug chlorpheniramine maleate by supramolecular interactions with water-soluble polymers. <i>Polymer</i> , 2007, 48, 799-804.	1.8	42
103	Direct Visualization of Oxygen Distribution in Operating Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2792-2795.	7.2	42
104	Electrolyte anion-assisted charge transportation in poly(oxoammonium cation/nitroxyl radical) redox gels. <i>Journal of Materials Chemistry</i> , 2012, 22, 13669.	6.7	42
105	Self-doping inspired zwitterionic pendant design of radical polymers toward a rocking-chair-type organic cathode-active material. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1326-1333.	5.2	42
106	Phenothiazine-functionalized redox polymers for a new cathode-active material. <i>RSC Advances</i> , 2015, 5, 22947-22950.	1.7	42
107	Catalyzed oxidative polymerization to form poly(2,6-dimethyl-1,4-phenylene oxide) in water using water-soluble copper complex. <i>Polymer</i> , 2006, 47, 6581-6584.	1.8	41
108	Poly[(3,5-di-tert-butyl-4-hydroxyphenyl)acetylene] and its polyradical derivative. <i>Macromolecules</i> , 1992, 25, 569-575.	2.2	40

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109	Complex Formation between Rhodamine B and Poly(sodium 4-styrenesulfonate) Studied by ¹ H-NMR. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21576-21581.	1.2	40
110	Hydrophilic Organic Redox-Active Polymer Nanoparticles for Higher Energy Density Flow Batteries. <i>ACS Applied Polymer Materials</i> , 2019, 1, 188-196.	2.0	40
111	Effect of polymer matrix on the oxygen diffusion via a cobalt porphyrin fixed in a membrane. <i>Macromolecules</i> , 1991, 24, 6306-6309.	2.2	39
112	High-Spin Polyphenoxyl Based on Poly(1,4-phenyleneethynylene). <i>Journal of Organic Chemistry</i> , 1999, 64, 7129-7134.	1.7	39
113	Electronic transport of benzothiophene-based chiral molecular solenoids studied by theoretical simulations. <i>Journal of Chemical Physics</i> , 2003, 119, 7491-7497.	1.2	39
114	Charge-Discharge with Rocking-Chair-Type Li ⁺ Migration Characteristics in a Zwitterionic Radical Copolymer Composed of TEMPO and Trifluoromethanesulfonylimide with Carbonate Electrolytes for a High-Rate Li-Ion Battery. <i>Macromolecules</i> , 2017, 50, 1950-1958.	2.2	39
115	Complexation of metal ion with poly(1-vinylimidazole) resin prepared by radiation-induced polymerization with template metal ion. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1981, 19, 1803-1809.	0.8	38
116	Poly(p-phenylene sulfide)-yielding polymerization of diphenyl disulfide by S-S bond cleavage with a Lewis acid. <i>Macromolecules</i> , 1987, 20, 2030-2031.	2.2	38
117	Methemoglobin Formation in Hemoglobin Vesicles and Reduction by Encapsulated Thiols. <i>Bioconjugate Chemistry</i> , 1997, 8, 539-544.	1.8	38
118	Robust Triplet Molecule: A Cationic Diradical of 3,4-Bis(diphenylamino)stilbene. <i>Chemistry of Materials</i> , 1999, 11, 1969-1971.	3.2	38
119	Low-Cost, Organic Light-Emitting Electrochemical Cells with Mass-Produced Nanoimprinted Substrates Made Using Roll-to-Roll Methods. <i>Advanced Materials Technologies</i> , 2017, 2, 1600293.	3.0	38
120	The Preparation of Poly(dihydroxyphenylene) through the Electro-Oxidative Polymerization of Hydroquinone. <i>Bulletin of the Chemical Society of Japan</i> , 1990, 63, 1211-1216.	2.0	37
121	Poly[(p-ethynylphenyl)hydrogalvinoxyl] and its polyradical derivative with high spin concentration. <i>Macromolecules</i> , 1992, 25, 3838-3842.	2.2	37
122	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1972, 151, 235-244.	1.1	36
123	Preparation of Poly(p-phenylene) by Electrooxidative Polymerization in Acidic Media. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 1731-1734.	2.0	36
124	Redox equilibrium of a zwitterionic radical polymer in a non-aqueous electrolyte as a novel Li ⁺ host material in a Li-ion battery. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9608.	5.2	36
125	Controlling the aggregation of 5,10,15,20-tetrakis-(4-sulfonatophenyl)-porphyrin by the use of polycations derived from polyketones bearing charged aromatic groups. <i>Dyes and Pigments</i> , 2013, 98, 51-63.	2.0	36
126	Organic Conjugated Polymers as Photocathode Materials for Visible-Light-Enhanced Hydrogen and Hydrogen Peroxide Production from Water. <i>Advanced Energy Materials</i> , 2021, 11, 2003724.	10.2	36

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127	Reversible oxygen-binding and facilitated oxygen transport in membranes of polyvinylimidazole complexed with cobalt-phthalocyanine. <i>Reactive and Functional Polymers</i> , 2006, 66, 851-855.	2.0	35
128	Designing current collector/composite electrode interfacial structure of organic radical battery. <i>Journal of Power Sources</i> , 2011, 196, 7806-7811.	4.0	35
129	Chelating resin: Pyridine derivatives attached to poly(styrene) beads with spacer group. <i>Journal of Applied Polymer Science</i> , 1982, 27, 4161-4169.	1.3	34
130	Poly[[4-(N-tert-butyl-N-hydroxyamino)phenyl]acetylene] and the magnetic property of its radical derivative. <i>Macromolecules</i> , 1993, 26, 4567-4571.	2.2	34
131	Enhanced Oxygen Diffusion through a Porous Membrane Chemically Modified with Cobalt Porphyrin on Its Pore Surface. <i>Journal of the American Chemical Society</i> , 1994, 116, 4503-4504.	6.6	34
132	Aromatic ^π -Aromatic Interaction between 2,3,5-Triphenyl-2H-tetrazolium Chloride and Poly(sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	34
133	White Polymer Light-Emitting Electrochemical Cells Fabricated Using Energy Donor and Acceptor Fluorescent π -Conjugated Polymers Based on Concepts of Band-Structure Engineering. <i>Journal of Physical Chemistry C</i> , 2015, 119, 28701-28710.	1.5	34
134	Electrooxidative polymerization of thiophenol to yield poly(p-phenylene sulfide). <i>Macromolecules</i> , 1987, 20, 2315-2316.	2.2	33
135	Self-Assembled Lipidporphyrin Bilayer Vesicles. Microstructure and Dioxygen Binding in Aqueous Medium. <i>Langmuir</i> , 1995, 11, 1877-1884.	1.6	33
136	High-Spin Polyphenoxyls Attached to Star-Shaped Poly(phenylenevinylene)s. <i>Journal of Organic Chemistry</i> , 1998, 63, 7399-7407.	1.7	33
137	Acyclic and Cyclic Di- and Tri(4-oxyphenyl-1,2-phenyleneethynylene)s: Their Synthesis and Ferromagnetic Spin Interaction. <i>Journal of Organic Chemistry</i> , 1999, 64, 7375-7380.	1.7	33
138	2,6,10-Tris(dianisylaminium)-3,7,11-tris(hexyloxy)triphenylene: A Robust Quartet Molecule at Room Temperature. <i>Organic Letters</i> , 2006, 8, 1835-1838.	2.4	33
139	Nitroxide-Substituted Polyether as a New Material for Batteries. <i>Macromolecular Symposia</i> , 2006, 245-246, 416-422.	0.4	33
140	Synthesis of amphiphilic block copolymers bearing stable nitroxyl radicals. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5404-5410.	2.5	33
141	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1984, 5, 779-784.	1.1	32
142	An unpaired electron-based hole-transporting molecule: Triarylamine-combined nitroxide radicals. <i>Chemical Communications</i> , 2007, , 2986.	2.2	32
143	TEMPO-substituted polyacrylamide for an aqueous electrolyte-typed and organic-based rechargeable device. <i>Science China Chemistry</i> , 2012, 55, 822-829.	4.2	32
144	Polymers for carrying and storing hydrogen. <i>Polymer Journal</i> , 2018, 50, 77-82.	1.3	32

#	ARTICLE	IF	CITATIONS
145	Synthesis of Lithium-ion Conducting Polymers Designed by Machine Learning-based Prediction and Screening. <i>Chemistry Letters</i> , 2019, 48, 130-132.	0.7	32
146	Synthesis of poly(arylene sulfides) by cationic oxidative polymerization of diaryl disulfides. <i>Macromolecules</i> , 1992, 25, 2698-2704.	2.2	31
147	Poly(4-diphenylaminium-1,2-phenylenevinylene): A High-Spin and Durable Polyradical. <i>Macromolecules</i> , 1999, 32, 6383-6385.	2.2	31
148	Triphenylamine- and oxadiazole-substituted poly(1,4-phenylenevinylene)s: synthesis, photo-, and electroluminescent properties. <i>Synthetic Metals</i> , 2004, 143, 207-214.	2.1	31
149	Synthesis and electrochemical and electroluminescent properties of N-phenylcarbazole-substituted poly(p-phenylenevinylene). <i>Journal of Polymer Science Part A</i> , 2005, 43, 5765-5773.	2.5	31
150	Facilitated oxygen transport through a Nafion membrane containing cobaltporphyrin as a fixed oxygen carrier. <i>Polymer</i> , 2008, 49, 5659-5664.	1.8	31
151	FT Pulsed EPR/Transient Quantum Spin Nutation Spectroscopy Applied to Inorganic High-Spin Systems and a High-Spin Polymer as Models for Organic Ferromagnets.. <i>Journal of the Spectroscopical Society of Japan</i> , 1994, 43, 280-291.	0.0	31
152	Distance dependence of electron transfer from liposome-embedded (alkanephosphocholine-porphinato)zinc. <i>The Journal of Physical Chemistry</i> , 1986, 90, 2283-2284.	2.9	30
153	Synthesis, characterization, and oxygenation of bis-fenced porphyrinato iron(II) and cobalt(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2713.	1.1	30
154	Control of C.I. Basic Violet 10 aggregation in aqueous solution by the use of poly(sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	2.0	30
155	Synthesis of Poly(oxoammonium salt)s and Their Electrical Properties in the Organic Thin Film Device. <i>Chemistry Letters</i> , 2009, 38, 1160-1161.	0.7	30
156	Morphology-Driven Modulation of Charge Transport in Radical/Ion-Containing, Self-Assembled Block Copolymer Platform. <i>Advanced Materials</i> , 2011, 23, 5545-5549.	11.1	30
157	Synthesis and Charge-Discharge Properties of Organometallic Co-Polymers of Ferrocene and Triphenylamine as Cathode Active Materials for Organic-Battery Applications. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1030-1035.	1.0	30
158	Characterization of PEDOT-Quinone conducting redox polymers in water-in-salt electrolytes for safe and high-energy Li-ion batteries. <i>Electrochemistry Communications</i> , 2019, 105, 106489.	2.3	30
159	Ultrathin and Stretchable Rechargeable Devices with Organic Polymer Nanosheets Conformable to Skin Surface. <i>Small</i> , 2019, 15, 1805296.	5.2	30
160	Effect of polymer matrix and metal species on facilitated oxygen transport in metalloporphyrin (oxygen carrier) fixed membranes. <i>Macromolecules</i> , 1988, 21, 1590-1594.	2.2	29
161	Poly(phenylenevinylene) Bearing Built-in tert-Butyl Nitroxide. A Polyradical Ferromagnetically Coupled in the Intrachain. <i>Chemistry Letters</i> , 1994, 23, 2135-2138.	0.7	29
162	Poly(1,2-phenylenevinylene)s Bearing Nitronyl Nitroxide and Galvinoxyl at the 4-Position: π -Conjugated and Non-Kekulé-Type Polyradicals with a Triplet Ground State. <i>Macromolecules</i> , 1997, 30, 3986-3991.	2.2	29

#	ARTICLE	IF	CITATIONS
163	Oxygen-enriched electrolytes based on perfluorochemicals for high-capacity lithium-air batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10845-10850.	5.2	29
164	Facile charge transport and storage by a TEMPO-populated redox mediating polymer integrated with polyaniline as electrical conducting path. <i>Polymer Journal</i> , 2015, 47, 212-219.	1.3	29
165	Poly(dihydroxybenzoquinone): its high-density and robust charge storage capability in rechargeable acidic polymer-air batteries. <i>Chemical Communications</i> , 2020, 56, 4055-4058.	2.2	29
166	Oxygen binding and transport in a membrane of poly[[tetrakis(methacrylamidophenyl)porphinato]cobalt-co-hexyl methacrylate]. <i>Macromolecules</i> , 1988, 21, 2910-2913.	2.2	28
167	Properties of and Oxygen Binding by Albumin-Tetraphenylporphyrinatoiron(II) Derivative Complexes. <i>Bioconjugate Chemistry</i> , 1997, 8, 534-538.	1.8	28
168	Selective optical response to oxygen of membranes based on immobilized cobalt(II) porphyrins. <i>Analytica Chimica Acta</i> , 1997, 338, 119-125.	2.6	28
169	Nanolithographic patterning via electrochemical oxidation of stable poly(nitroxide radical)s to poly(oxoammonium salt)s. <i>Journal of Materials Chemistry</i> , 2010, 20, 9616.	6.7	28
170	A ketone/alcohol polymer for cycle of electrolytic hydrogen-fixing with water and releasing under mild conditions. <i>Nature Communications</i> , 2016, 7, 13032.	5.8	28
171	Liposomal heme as oxygen carrier under semi-physiological conditions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 1147.	1.1	27
172	Enhanced stability and facilitation in oxygen transport through cobalt porphyrin polymer membranes. <i>Macromolecules</i> , 1990, 23, 3714-3716.	2.2	27
173	Octopus-porphyrins: their assembly and oxygen-binding in aqueous medium. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 728.	2.0	27
174	Oxidative polymerization to form poly(2,6-dimethyl-1,4-phenylene oxide) in water. <i>Green Chemistry</i> , 2003, 5, 535-538.	4.6	27
175	Dual-mode oxygen-sensing based on oxygen-adduct formation at cobaltporphyrin-polymer and luminescence quenching of pyrene: an optical oxygen sensor for a practical atmospheric pressure. <i>Journal of Materials Chemistry</i> , 2008, 18, 917.	6.7	27
176	TEMPO/Viologen Electrochemical Heterojunction for Diffusion-Controlled Redox Mediation: A Highly Rectifying Bilayer-Sandwiched Device Based on Cross-Reaction at the Interface between Dissimilar Redox Polymers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4043-4049.	4.0	27
177	Metallopolyyne polymers with ferrocenyl pendant ligands as cathode-active materials for organic battery application. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 51-55.	0.8	27
178	Nonconjugated Redox-Active Polymer Mediators for Rapid Electrocatalytic Charging of Lithium Metal Oxides. <i>ACS Applied Energy Materials</i> , 2019, 2, 6375-6382.	2.5	27
179	Perovskite/TiO ₂ Interface Passivation Using Poly(vinylcarbazole) and Fullerene for the Photovoltaic Conversion Efficiency of 21%. <i>ACS Applied Energy Materials</i> , 2019, 2, 2848-2853.	2.5	27
180	Tuning Conformational H-Bonding Arrays in Aromatic/Alicyclic Polythiourea toward High Energy-Storable Dielectric Material. <i>Macromolecules</i> , 2019, 52, 8781-8787.	2.2	27

#	ARTICLE	IF	CITATIONS
181	Selective sorption and facilitated transport of oxygen in porphyrin-cobalt-coordinated polymer membranes. <i>Macromolecules</i> , 1991, 24, 5851-5855.	2.2	26
182	Hyperbranched poly(phenylenevinylene) bearing pendant phenoxys for a high-spin alignment. <i>Journal of Materials Chemistry</i> , 2002, 12, 3578-3584.	6.7	26
183	Depolymerization of Poly(2,6-dimethyl-1,4-phenylene oxide) under Oxidative Conditions. <i>Chemistry - A European Journal</i> , 2003, 9, 4240-4246.	1.7	26
184	Electro- and Magneto-Responsible Chiral Polymers. <i>Current Organic Chemistry</i> , 2005, 9, 1665-1684.	0.9	26
185	Preparation of a novel poly(vinylsulfonic acid)-grafted solid phase acid catalyst and its use in esterification reactions. <i>Chemical Communications</i> , 2009, , 4708.	2.2	26
186	Simultaneous visualization of oxygen distribution and water blockages in an operating triple-serpentine polymer electrolyte fuel cell. <i>Journal of Power Sources</i> , 2011, 196, 2635-2639.	4.0	26
187	Supramolecular Organic Radical Gels Formed with 2,2,6,6-Tetramethylpiperidin-1-oxyl-Substituted Cyclohexanediamines: A Very Efficient Charge-Transporting and -Storable Soft Material. <i>Chemistry of Materials</i> , 2017, 29, 5942-5947.	3.2	26
188	Long-lived water clusters in hydrophobic solvents investigated by standard NMR techniques. <i>Scientific Reports</i> , 2019, 9, 223.	1.6	26
189	Copolymer of Phenylene and Thiophene toward a Visible-Light-Driven Photocatalytic Oxygen Reduction to Hydrogen Peroxide. <i>Advanced Science</i> , 2021, 8, 2003077.	5.6	26
190	Reversible Oxygen Binding to the Polymeric Cobalt Tetraazaporphyrin Complex and Oxygen-Facilitated Transport through Its Membrane. <i>Macromolecular Rapid Communications</i> , 2005, 26, 467-470.	2.0	25
191	Immobilization of Hydrophilic Low Molecular-Weight Molecules in Nanoparticles of Chitosan/Poly(sodium 4-styrenesulfonate) Assisted by Aromatic-Aromatic Interactions. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9782-9791.	1.2	25
192	Facile grafting-onto-preparation of block copolymers of TEMPO and glycidyl methacrylates on an oxide substrate as an electrode-active layer. <i>Polymer</i> , 2015, 68, 310-314.	1.8	25
193	Conducting Redox Polymer as a Robust Organic Electrode-Active Material in Acidic Aqueous Electrolyte towards Polymer-Air Secondary Batteries. <i>ChemSusChem</i> , 2020, 13, 2280-2285.	3.6	25
194	Anodic Oxidation of Diphenyl Disulfides for Preparation of Oligo(p-phenylene sulfide)s in Acidic Media. <i>Journal of the Electrochemical Society</i> , 1992, 139, 2401-2406.	1.3	24
195	Cobalt porphyrin-Mediated Oxygen Transport in a Polymer Membrane: Effect of the Cobalt porphyrin Structure on the Oxygen-Binding Reaction, Oxygen-Diffusion Constants, and Oxygen-Transport Efficiency. <i>The Journal of Physical Chemistry</i> , 1994, 98, 5084-5088.	2.9	24
196	Magnetic and electrical properties of poly(3-radical-substituted thiophene)s. <i>Polyhedron</i> , 2001, 20, 1157-1162.	1.0	24
197	An Optical Sensing Material for Trace Analysis of Oxygen. Metalloporphyrin Dispersed in Poly(1-trimethylsilyl-1-propyne) Film. <i>Polymer Journal</i> , 2002, 34, 411-417.	1.3	24
198	Electrocatalysis for dioxygen reduction by a μ_4 -oxo decavanadium complex in alkaline medium and its application to a cathode catalyst in air batteries. <i>Journal of Power Sources</i> , 2004, 130, 286-290.	4.0	24

#	ARTICLE	IF	CITATIONS
199	DFT oligomer approach to vibrational spectra of poly(p-phenylenevinylene). <i>Vibrational Spectroscopy</i> , 2006, 40, 149-154.	1.2	24
200	Kinetic discussion on the catalysis of copper(II)-partially-quaternized poly(4-vinylpyridine) complexes. <i>Journal of Polymer Science, Polymer Symposia</i> , 1974, 47, 35-46.	0.1	24
201	Polymerized liposome/lipid Heme as an oxygen transporter under physiological conditions. <i>Macromolecules</i> , 1989, 22, 2103-2107.	2.2	23
202	Electrochemical and Ferromagnetic Couplings in 4,4'-bis(1,3,5-Benzenetriyl)tris(phenoxy) Radical Formation. <i>Journal of Organic Chemistry</i> , 2001, 66, 1680-1685.	1.7	23
203	Regioselective and enzymatic production of 3-resorcylic acid from resorcinol using recombinant <i>Escherichia coli</i> cells expressing a novel decarboxylase gene. <i>Biotechnology Letters</i> , 2007, 29, 819-822.	1.1	23
204	A non-volatile, bistable, and rewritable memory device fabricated with poly(nitroxide radical) and silver salt layers. <i>Polymers for Advanced Technologies</i> , 2008, 19, 281-284.	1.6	23
205	Confinement of 5,10,15,20-tetrakis-(4-sulfonatophenyl)-porphyrin in novel poly(vinylpyrrolidone)s modified with aromatic amines. <i>Dyes and Pigments</i> , 2013, 99, 759-770.	2.0	23
206	Poly(1,4-bis(2-thienyl)benzene) Facilitating Complete Light-Driven Water Splitting under Visible Light at High pH. <i>Advanced Energy Materials</i> , 2019, 9, 1803286.	10.2	23
207	Preparation of Poly(phenylene sulfide)s: Polymerization of Aromatic Disulfides with Lewis Acids. <i>Bulletin of the Chemical Society of Japan</i> , 1989, 62, 3655-3660.	2.0	22
208	Electrical conductive and magnetic properties of conjugated tetrathiolate nickel polymers. <i>Polymer Bulletin</i> , 1990, 23, 631-636.	1.7	22
209	Stacking of 2,3,5-Triphenyl-2H-tetrazolium Chloride onto Polyelectrolytes Containing 4-Styrenesulfonate Groups. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11244-11249.	1.2	22
210	Luminescent Multi-Layered Polymer Coating for the Simultaneous Detection of Oxygen Pressure and Temperature. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1230-1234.	1.1	22
211	Biodegradable and Electroactive TEMPO-Substituted Acrylamide/Lactide Copolymers. <i>Macromolecular Bioscience</i> , 2010, 10, 1203-1209.	2.1	22
212	Poly(vinylsulfonic acid)-grafted solid catalysts: new materials for acid-catalysed organic synthetic reactions. <i>Green Chemistry</i> , 2010, 12, 1981.	4.6	22
213	Polymerization of lactic O-carboxylic anhydride using organometallic catalysts. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011, 29, 197-202.	2.0	22
214	Redox-active Hydroxy-TEMPO Radical Immobilized in Nafion Layer for an Aqueous Electrolyte-based and Dye-sensitized Solar Cell. <i>Chemistry Letters</i> , 2014, 43, 480-482.	0.7	22
215	Complex Formation of Crosslinked Poly(4-vinylpyridine) Resins with Copper(II). <i>Bulletin of the Chemical Society of Japan</i> , 1976, 49, 3498-3501.	2.0	21
216	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1981, 2, 621-626.	1.1	21

#	ARTICLE	IF	CITATIONS
217	Reduction of 2,3,5-Triphenyl-2 <i>H</i> -tetrazolium Chloride in the Presence of Polyelectrolytes Containing 4-Styrenesulfonate Moieties. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5350-5354.	1.2	21
218	Microphase-Separated Poly(vinylpyridine) Block Copolymer Prepared with a Novel Bifunctional Initiator. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 579-584.	1.1	21
219	Two-dimensionally extended organic high-spin poly(aminium cationic radical)s and their magnetic force microscopic images. <i>Polymer Journal</i> , 2010, 42, 575-582.	1.3	21
220	Oxygen partial pressures on gas-diffusion layer surface and gas-flow channel wall in polymer electrolyte fuel cell during power generation studied by visualization technique combined with numerical simulation. <i>Journal of Power Sources</i> , 2014, 269, 556-564.	4.0	21
221	Synthesis of Poly(TEMPO-Substituted Glycidyl Ether) by Utilizing <i>t</i> -BuOK/18-Crown-6 for an Organic Cathode-Active Material. <i>Macromolecular Symposia</i> , 2015, 351, 90-96.	0.4	21
222	Simultaneous visualization of oxygen partial pressure, current density, and water droplets in serpentine fuel cell during power generation for understanding reaction distributions. <i>Journal of Power Sources</i> , 2017, 343, 135-141.	4.0	21
223	Electrostatic effect on electron-transfer reactions of cobalt(III)-poly(4-vinylpyridine) complexes. <i>Die Makromolekulare Chemie</i> , 1974, 175, 161-169.	1.1	20
224	Lipid-porphyrin fibres: morphology and incorporation into phospholipid vesicle. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1731-1733.	2.0	20
225	Acid-Promoted Electron Transfer to Facilitate Oxidative Polymerization of Diaryl Disulfides. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 1456-1461.	2.0	20
226	3,4-Bis[bis(t-butyl- and methoxy-phenyl)amino]stilbene Bis(cation radical)s and Their Electrochemical and Magnetic Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 1021-1027.	2.0	20
227	Synthesis and Magnetic Property of Poly[bis(4-methoxyphenyl)aminiumacetylene]s. <i>Polymer Journal</i> , 2005, 37, 818-825.	1.3	20
228	Green synthesis of soluble polyphenol: oxidative polymerization of phenol in water. <i>Green Chemistry Letters and Reviews</i> , 2007, 1, 47-51.	2.1	20
229	Atropisomers of meso-Conjugated Uracyl Porphyrin Derivatives and Their Assembling Structures. <i>Organic Letters</i> , 2007, 9, 17-20.	2.4	20
230	In situ and real-time visualisation of oxygen distribution in DMFC using a porphyrin dye compound. <i>Chemical Communications</i> , 2008, , 1750.	2.2	20
231	Imaging of Water Droplets Formed during PEFC Operation on GDLs With Different Pore Sizes. <i>Electrochemistry</i> , 2011, 79, 388-391.	0.6	20
232	Anti-Oxidizing Radical Polymer-Incorporated Perovskite Layers and their Photovoltaic Characteristics in Solar Cells. <i>ChemSusChem</i> , 2019, 12, 5207-5212.	3.6	20
233	Dissociation of aggregated ferroheme complexes and protoporphyrine IX by water-soluble polymers. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1977, 498, 208-214.	1.1	19
234	SEPARATION OF XYLENE ISOMERS BY PERVAPORATION THROUGH A HIGHLY PERMSELECTIVE POLYMER MEMBRANE HAVING DINITROPHENYL GROUP. <i>Chemistry Letters</i> , 1985, 14, 1663-1666.	0.7	19

#	ARTICLE	IF	CITATIONS
235	Oxygen-permselectivity in new type polyorganosiloxanes with carboxyl group on the side chain. <i>Polymer Bulletin</i> , 1990, 23, 637-642.	1.7	19
236	Sulfide bond formation for the synthesis of poly(thioarylene) through oxidation of sulfur chloride with aromatics. <i>Macromolecules</i> , 1994, 27, 4312-4317.	2.2	19
237	Facilitated Oxygen Transport Membranes of Picket-fence Cobaltporphyrin Complexed with Various Polymer Matrixes. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 5954-5958.	1.8	19
238	Polypyridylpropyne- Pd and Pt porphyrin coating for visualization of oxygen pressure. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1262-1269.	1.6	19
239	Comment on e^- - and H-Aggregates of 5,10,15,20-Tetrakis-(4-sulfonatophenyl)-porphyrin and Interconversion in PEG-P4VP Micelles. <i>Biomacromolecules</i> , 2009, 10, 3341-3342.	2.6	19
240	Synthesis and Electrochemistry of Schiff Base Cobalt(III) Complexes and Their Catalytic Activity for Copolymerization of Epoxide and Carbon Dioxide. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 669-676.	1.1	19
241	Enhanced bimolecular exchange reaction through programmed coordination of a five-coordinate oxovanadium complex for efficient redox mediation in dye-sensitized solar cells. <i>Dalton Transactions</i> , 2013, 42, 16090.	1.6	19
242	BODIPY-Sensitized Photocharging of Anthraquinone-Populated Polymer Layers for Organic Photorechargeable Air Battery. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 243-250.	1.9	19
243	Dynamic switching of ionic conductivity by cooperative interaction of polyviologen and liquid crystals for efficient charge storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3249-3252.	5.2	19
244	Polymer-Based White-Light-Emitting Electrochemical Cells with Very High Color-Rendering Index Based on Blue-Green Fluorescent Polyfluorenes and Red-Phosphorescent Iridium Complexes. <i>ChemPlusChem</i> , 2018, 83, 463-469.	1.3	19
245	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1974, 175, 2293-2306.	1.1	18
246	Phosphocholine-substituted 5,10,15,20-tetraphenylporphyrinatoiron(II): oxygen carrier under physiological conditions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 275.	1.1	18
247	Oxygen diffusion via cobalt-porphyrin complexes fixed in a polymer matrix. <i>The Journal of Physical Chemistry</i> , 1988, 92, 6461-6464.	2.9	18
248	Synthesis of polymerizable and amphiphilic (porphinato)irons and their copolymers with polymerizable phospholipid. <i>Macromolecules</i> , 1989, 22, 66-72.	2.2	18
249	Monolayered octopus-porphyrin vesicle: microstructure and oxygen-binding in aqueous medium. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1063-1064.	2.0	18
250	FT Pulsed ESR/Electron Spin Transient Nutation (ESTN) Spec-Troscopy Applied to High-Spin Systems in Solids; Direct Evidence of a Topologically Controlled High-Spin Polymer as Models for Quasi 1D Organic Ferro- and Superpara-Magnets. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 279, 155-176.	0.3	18
251	Low-Energy Driven Electrochromic Devices Using Radical Polymer as Transparent Counter Electroactive Material. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2007, 20, 29-34.	0.1	18
252	Luminescent Sensory Polymer Coating Composed of Platinumporphyrin and Poly(trimethylsilylpropyne) for Real-Time Oxygen Visualization in Operating PEFCs. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 42-47.	1.1	18

#	ARTICLE	IF	CITATIONS
253	N-Phenyl naphthalene diimide pendant polymer as a charge storage material with high rate capability and cyclability. <i>MRS Communications</i> , 2017, 7, 967-973.	0.8	18
254	Reversible Hydrogen Releasing and Fixing with Poly(Vinylfluorene) through a Mild Ir-Catalyzed Dehydrogenation and Electrochemical Hydrogenation. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900139.	2.0	18
255	Organic redox polymers as electrochemical energy materials. <i>Green Chemistry</i> , 2022, 24, 4650-4679.	4.6	18
256	Poly(1,2-phenylenevinylene) Ferromagnetically 3,5-Bearing Phenoxy Radicals. <i>Macromolecules</i> , 2002, 35, 690-698.	2.2	17
257	Free Radical Polymerization Kinetics of Vinylsulfonic Acid and Highly Acidic Properties of its Polymer. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1072-1079.	1.1	17
258	Sequential and click-type postfunctionalization of regioregular poly(3-hexylthiophene) for realization of n-doped multiplet state. <i>Chemical Science</i> , 2013, 4, 345-350.	3.7	17
259	How to Install TEMPO in Dielectric Polymers—Their Rational Design toward Energy-Storable Materials. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800734.	2.0	17
260	Optimizing the Interdomain Spacing in Alicyclic Polythiourea toward High-Energy-Storable Dielectric Material. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000167.	2.0	17
261	Conducting Redox Polymer as Organic Anode Material for Polymer-Manganese Secondary Batteries. <i>ChemElectroChem</i> , 2020, 7, 3336-3340.	1.7	17
262	Oxygen transport behavior through the membrane containing a fixed carrier and adhered to a second polymer. <i>Macromolecules</i> , 1987, 20, 2312-2313.	2.2	16
263	Poly(1-vinyl-2-pyrrolidone)- and dextran-bound protoheme mono[N-[3-(imidazol-1-yl)propyl]amide] and mono[N-[5-(2-methylimidazol-1-yl)pentyl]amide] and their reversible oxygen binding in an aqueous medium. <i>Macromolecules</i> , 1987, 20, 1913-1917.	2.2	16
264	Synthesis of Soluble Poly(thio-2,6-dimethyl-1,4-phenylene) by Oxidative Polymerization of Bis(3,5-dimethylphenyl) Disulfide. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 2029-2036.	2.0	16
265	Encapsulation of Hb into unsaturated lipid vesicles and γ -ray polymerization. <i>Polymers for Advanced Technologies</i> , 1992, 3, 389-394.	1.6	16
266	Preparation of Poly(thio-1,4-phenylene)s by Oxygen-Oxidative Polymerization of Diaryl Disulfides. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 251-256.	2.0	16
267	Electrochemical measurement of facilitated oxygen transport through a polymer membrane containing cobaltporphyrin as a fixed carrier. <i>Journal of Membrane Science</i> , 1996, 112, 155-160.	4.1	16
268	Optical nonlinearity of an open-shell and degenerate π -conjugated polymer: poly(4-oxophenyl-1,2-phenylenevinylene) radical. <i>Chemical Communications</i> , 1997, , 1853.	2.2	16
269	Polymerization of (p-vinylphenyl)hydrogalvinoxyl and formation of a stable polyradical derivative. <i>Journal of Polymer Science Part A</i> , 1999, 37, 189-198.	2.5	16
270	Porphyrin Capped with Calix[4]arene Derivative via Hydrogen Bonds. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 2007-2013.	2.0	16

#	ARTICLE	IF	CITATIONS
271	Packing of submicrometer-sized polystyrene particles within the micrometer-sized recessed patterns on silicon substrate. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 451-455.	2.8	16
272	Triarylamine-combined nitronyl nitroxide and its hole-transporting property. <i>Polyhedron</i> , 2007, 26, 1776-1780.	1.0	16
273	Polyviologen as the charge-storage electrode of an aqueous electrolyte- and organic-based dye-sensitized solar cell. <i>Polymer</i> , 2015, 68, 353-357.	1.8	16
274	A New Methodology to Create Polymeric Nanocarriers Containing Hydrophilic Low Molecular-Weight Drugs: A Green Strategy Providing a Very High Drug Loading. <i>Molecular Pharmaceutics</i> , 2019, 16, 2892-2901.	2.3	16
275	Charge- and Proton-Storage Capability of Naphthoquinone-Substituted Poly(allylamine) as Electrode-Active Material for Polymer-Air Secondary Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 12019-12024.	2.5	16
276	Liposome/Heme as a Totally Synthetic Oxygen Carrier. <i>Biomaterials, Artificial Cells, and Artificial Organs</i> , 1988, 16, 313-319.	0.2	15
277	Acid effect on oxidative polymerization of diphenyl disulfide with DDQ. <i>Journal of Polymer Science Part A</i> , 1991, 29, 1359-1363.	2.5	15
278	Synthesis and dioxygen-binding properties of double-sided porphyrinatoiron(II) complexes bearing covalently bound axial imidazole. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2465.	1.1	15
279	Ferromagnetic Spin Coupling of tert-Butylnitroxide Diradicals through a Conjugated Oligo(1,2-phenylenevinylene)-Coupler. <i>Chemistry Letters</i> , 1995, 24, 421-422.	0.7	15
280	Construction of Artificial Methemoglobin Reduction Systems in Hb Vesicles. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1997, 25, 31-41.	0.9	15
281	meso-Tetrakis[o-(N-methyl)pyridinium]porphyrin ensembles with axially coordinated cyclodextrin-penetrating phenethylimidazole: reversible dioxygen-binding in aqueous DMF solution. <i>Chemical Communications</i> , 2003, , 50-51.	2.2	15
282	Stability of porphyrin-calix[4]arene complexes analyzed by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2065-2068.	0.7	15
283	Synthesis of Dendritic, Non-Kekulé-, and Nondisjoint-type Triphenylmethanes Terminated with Galvinoxyl Radicals. <i>Polymer Journal</i> , 2005, 37, 284-293.	1.3	15
284	Rapid responsive optical CO ₂ sensor of the combination of colorimetric change of 1,8-naphtholphthalein in poly(trimethylsilylpropyne) layer and internal reference fluorescent porphyrin in polystyrene layer. <i>Reactive and Functional Polymers</i> , 2005, 63, 35-41.	2.0	15
285	Heat-Resistant Oxygen-Carrying Hemoproteins Consist of Recombinant Xylanases and Synthetic Iron(II) Porphyrin. <i>Biomacromolecules</i> , 2005, 6, 1489-1494.	2.6	15
286	Biplanar Visualization of Oxygen Pressure by Sensory Coatings of Luminescent Pt-Porpholactone and Porphyrin Polymers. <i>Chemistry Letters</i> , 2009, 38, 1164-1165.	0.7	15
287	Ionic Liquid-Triggered Redox Molecule Placement in Block Copolymer Nanotemplates toward an Organic Resistive Memory. <i>ACS Macro Letters</i> , 2015, 4, 892-896.	2.3	15
288	Self-association of 5,10,15,20-tetrakis-(4-sulfonatophenyl)-porphyrin tuned by poly(decylviologen) and sulfobutylether- β -cyclodextrin. <i>Dyes and Pigments</i> , 2015, 112, 262-273.	2.0	15

#	ARTICLE	IF	CITATIONS
289	Ag nanocluster-based color converters for white organic light-emitting devices. Journal of Applied Physics, 2017, 122, .	1.1	15
290	Hole-transporting diketopyrrolopyrrole-thiophene polymers and their additive-free application for a perovskite-type solar cell with an efficiency of 16.3%. Polymer Journal, 2019, 51, 91-96.	1.3	15
291	Hydrophilic Anthraquinone-Substituted Polymer: Its Environmentally Friendly Preparation and Efficient Charge/Proton-Storage Capability for Polymerâ€™Air Secondary Batteries. Macromolecules, 2021, 54, 4854-4859.	2.2	15
292	The Preparation of Protoheme Mono-N-[5-(2-methyl-1-imidazolyl)pentyl]amide and Its Oxygenation. Bulletin of the Chemical Society of Japan, 1982, 55, 1890-1895.	2.0	14
293	Lipidâ€™porphyrin vesicles: morphology and O2binding in aqueous medium. Journal of the Chemical Society Chemical Communications, 1993, , 730-732.	2.0	14
294	Analysis of Facilitated Oxygen Transport in a Liquid Membrane of Hemoglobin. Bulletin of the Chemical Society of Japan, 1996, 69, 255-259.	2.0	14
295	Magnetic Effects in Poly(phenylenevinylene)-Pendant Phenoxy Radical Sites Generated Photochemically from a Phosphine Azide Precursor. Chemistry of Materials, 1997, 9, 11-13.	3.2	14
296	Synthesis, magnetic, and optoelectronic properties of poly(triphenylamine-alt-phenylenevinylene)s. Journal of Polymer Science Part A, 2000, 38, 4119-4127.	2.5	14
297	Poly(3-phenylgalvinoxylthiophene). A New Conjugated Polyradical with High Spin Concentration.. Polymer Journal, 2001, 33, 849-856.	1.3	14
298	Synthesis of poly(ethynylplatinumporphyrin) and its application as an oxygen pressure-sensitive paint. Macromolecular Symposia, 2003, 204, 27-36.	0.4	14
299	Porphyrin Network Polymers Prepared via a Click Reaction and Facilitated Oxygen Permeation Through Their Membranes. Macromolecular Rapid Communications, 2014, 35, 976-980.	2.0	14
300	Photochromic Solid Materials Based on Poly(decylviologen) Complexed with Alginate and Poly(sodium 4-styrenesulfonate). Journal of Physical Chemistry B, 2015, 119, 13208-13217.	1.2	14
301	Aerogels containing 5,10,15,20-tetrakis-(4-sulfonatophenyl)-porphyrin with controlled state of aggregation. Dyes and Pigments, 2017, 139, 193-200.	2.0	14
302	Command Surface of Self-Organizing Structures by Radical Polymers with Cooperative Redox Reactivity. Journal of the American Chemical Society, 2017, 139, 13600-13603.	6.6	14
303	Fibrous Materials Made of Poly(Îµ-caprolactone)/Poly(ethylene oxide)-b-Poly(Îµ-caprolactone) Blends Support Neural Stem Cells Differentiation. Polymers, 2019, 11, 1621.	2.0	14
304	Title is missing!. Die Makromolekulare Chemie, 1974, 175, 3047-3054.	1.1	13
305	Spectroscopic study on the elementary reactions of oxidative polymerization. Journal of Polymer Science, Polymer Symposia, 1974, 47, 47-54.	0.1	13
306	Oxygen- and Carbon Monoxide-binding Affinity of the Liposomal Heme under Semiphysiological Conditions. Bulletin of the Chemical Society of Japan, 1984, 57, 776-780.	2.0	13

#	ARTICLE	IF	CITATIONS
307	POLYMERIZED LIPOSOME AS THE CARRIER OF HEME. A PHYSICALLY STABLE OXYGEN CARRIER UNDER PHYSIOLOGICAL CONDITIONS. <i>Chemistry Letters</i> , 1985, 14, 969-972.	0.7	13
308	OXYGEN PERMEATION IN THE MEMBRANE OF POLY(OCTYLMETHACRYLATE-co-4-VINYLPYRIDINE)-SALICYLALDEHYDEETHYLENEDIIMINE COBALT COMPLEX. <i>Chemistry Letters</i> , 1986, 15, 43-46.	0.7	13
309	Spectroscopic Study of Oxygen Sorption and Diffusion in a Membrane Containing a Cobalt Porphyrin Complex. <i>Polymer Journal</i> , 1987, 19, 839-844.	1.3	13
310	Oxygen-binding to simple cobaltporphyrins combined with polyvinylimidazole. <i>Macromolecular Symposia</i> , 2002, 186, 135-139.	0.4	13
311	A Duplex of Tetra(2-pyridyl)porphyrin and Tetrahydroxycalix[4]arene. <i>Chemistry Letters</i> , 2003, 32, 1052-1053.	0.7	13
312	Preparation of Acid-Functionalized Poly(phenylene oxide)s and Poly(phenylene sulfone) and Their Proton Conductivity. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 1429-1434.	2.0	13
313	Proton conductivity in the dry membrane of poly(sulfonic acid) and polyamine layer-by-layer complex. <i>Chemical Communications</i> , 2007, , 2989.	2.2	13
314	Two-dimensionally extended aromatic polyamines for optimization of charge-transporting properties by partial oxidation. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4577-4586.	2.5	13
315	Real-Time Visualization of CO ₂ Generated by Corrosion of the Carbon Support in a PEFC Cathode. <i>Electrochemical and Solid-State Letters</i> , 2012, 15, B51.	2.2	13
316	Redox-Active Radical Polymers for a Totally Organic Rechargeable Battery. <i>ACS Symposium Series</i> , 2012, , 45-53.	0.5	13
317	Visualization of Oxygen Partial Pressure and Numerical Simulation of a Running Polymer Electrolyte Fuel Cell with Straight Flow Channels to Elucidate Reaction Distributions. <i>ChemElectroChem</i> , 2015, 2, 1495-1501.	1.7	13
318	Enhanced catalytic activity of oxovanadium complexes in oxidative polymerization of diphenyl disulfide. <i>Polymer Chemistry</i> , 2016, 7, 2087-2091.	1.9	13
319	High-color-rendering-index white polymer light-emitting electrochemical cells based on ionic host-guest systems: Utilization of blend films of blue-fluorescent cationic polyfluorenes and red-phosphorescent cationic iridium complexes. <i>Organic Electronics</i> , 2017, 51, 168-172.	1.4	13
320	Poly(diphenanthrenequinone-substituted norbornene) for Long Life and Efficient Lithium Battery Cathodes. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 721-727.	2.0	13
321	Reversible Hydrogen Fixation and Release under Mild Conditions by Poly(vinylquinoxaline). <i>ACS Applied Polymer Materials</i> , 2020, 2, 2756-2760.	2.0	13
322	Reversible oxygen-binding by the poly(1-vinyl-2-methylimidazole)-heme complex in aqueous solution. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1981, 2, 55-58.	1.1	12
323	Structure of the liposome composed of lipid-heme and phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 860, 558-565.	1.4	12
324	Electro-oxidative polymerization of 2,6-dimethylphenol in the presence of methanol. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1987, 8, 11-15.	1.1	12

#	ARTICLE	IF	CITATIONS
325	Synthesis and Characterization of a Membrane-Spanning Porphinatoiron(II). <i>Chemistry Letters</i> , 1990, 19, 389-392.	0.7	12
326	Synthesis and Magnetic Property of Polyacetylene Bearing π -Conjugated Bis(Diphenylene)Phenylallyl Radical. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1992, 29, 775-786.	1.2	12
327	Poly(Phenylvinylene) and Poly(Phenylene-Vinylene) with Nitroxide Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 232, 143-150.	0.3	12
328	Synthesis and O ₂ -binding properties of tetraphenylporphyrinatoiron(II) derivatives bearing a proximal imidazole covalently bound at the β^2 -pyrrolic position. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 747-753.	0.9	12
329	Imidazolyl-Tailed Tetrakis(pivalamidophenyl)porphyrinatocobalt (II): An Efficient Oxygen Adsorbent Molecule. <i>Bulletin of the Chemical Society of Japan</i> , 1997, 70, 2317-2321.	2.0	12
330	Preparation of a tetraphenylporphyrinatocobalt(ii)-poly(3,4-azopyridylene) complex and its oxygen enrichment effect at an oxygen electrode. <i>Journal of Materials Chemistry</i> , 2004, 14, 3308.	6.7	12
331	Pt-porpholactone- and -porphyrin-based luminescent sensory polymer coating for visualization of oxygen pressure distribution on biplanar surface. <i>Reactive and Functional Polymers</i> , 2010, 70, 669-673.	2.0	12
332	Polyaromatic-Anion Behavior of Different Polyelectrolytes Containing Benzenecarboxylate Units. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7753-7759.	1.2	12
333	Real-time visualization of oxygen partial pressures in straight channels of running polymer electrolyte fuel cell with water plugging. <i>Journal of Power Sources</i> , 2015, 273, 873-877.	4.0	12
334	Totally Organic-based Bendable Rechargeable Devices Composed of Hydrophilic Redox Polymers and Aqueous Electrolyte. <i>Chemistry Letters</i> , 2017, 46, 693-694.	0.7	12
335	Vapor-Phase Formation of a Hole-Transporting Thiophene Polymer Layer for Evaporated Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6496-6502.	4.0	12
336	Liposomal heme as oxygen carrier under semi-physiological conditions orientation study of heme embedded in a phospholipid bilayer by an electrooptical method. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 734, 274-278.	1.4	11
337	One-pot synthesis of poly(thioarylene)s: predominant sulphide bond formation through oxidative and electrophilic reaction. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 596.	2.0	11
338	Synthesis and Coordination Behaviors of New Double-Sided Porphyrinatoiron(II) Complexes: Effect of the Pocket-Size for Imidazole on Dioxygen Binding. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 888-894.	2.0	11
339	Polymerization and photoinitiation behavior in the light-cured dental composite resins. <i>Polymers for Advanced Technologies</i> , 1992, 3, 437-441.	1.6	11
340	Polyacetylene Derivatives with Chain-Sided Phenoxy and Galvinoxyl Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 233, 89-95.	0.3	11
341	O ₂ -Transport Albumin: A New Hybrid-Haemoprotein Incorporating Tetraphenylporphinatoiron(II) Derivative. <i>Chemistry Letters</i> , 1995, 24, 813-814.	0.7	11
342	Oxygen permeability of biodegradable copolycaprolactones. <i>Polymers for Advanced Technologies</i> , 1999, 10, 282-286.	1.6	11

#	ARTICLE	IF	CITATIONS
343	Synthesis and Ferromagnetic Spin Alignment in Poly(4-oxyphenyl-1,2-phenyleneethynylene)s. <i>Polymer Journal</i> , 1999, 31, 1171-1174.	1.3	11
344	A Helical Ladder Polymer: Synthesis and Magnetic Circular Dichroism of Poly[phenylene-4,6-bis(methylsulfonio)-1,3-diyl triflate]. <i>Polymer Journal</i> , 2005, 37, 592-598.	1.3	11
345	Electrospinning of radical polymers: redox-active fibrous membrane formation. <i>Polymer Journal</i> , 2012, 44, 264-268.	1.3	11
346	n-Hexanol association in cyclohexane studied by NMR and NIR spectroscopies. <i>Journal of Molecular Liquids</i> , 2014, 199, 301-308.	2.3	11
347	Water-Induced Phase Transition in Cyclohexane/n-Hexanol/Triton X-100 Mixtures at a Molar Composition of 1/16/74 Studied by NMR. <i>Journal of Physical Chemistry B</i> , 2017, 121, 876-882.	1.2	11
348	Redox Mediation through TEMPO-substituted Polymer with Nanogap Electrodes for Electrochemical Amplification. <i>Chemistry Letters</i> , 2017, 46, 647-650.	0.7	11
349	Radical copolymerization of proto-hemin dimethyl ester. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1981, 19, 1109-1117.	0.8	10
350	Oxygen- and carbon monoxide-binding kinetic parameters for liposomal heme under semi-physiological condition. <i>Biochemical and Biophysical Research Communications</i> , 1982, 109, 858-863.	1.0	10
351	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1982, 183, 2889-2900.	1.1	10
352	Dual-Mode Transport of Molecular Oxygen through the Membrane of the Poly(octyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (meth Chemical Society of Japan, 1986, 59, 3213-3216.	2.0	10
353	Clearance and tissue distribution of functionalized polymeric liposomes from the blood stream of rats. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 901, 166-171.	1.4	10
354	Oriented fixation of synthetic heme complexes in phospholipid bilayer membranes: electrooptical measurement. <i>The Journal of Physical Chemistry</i> , 1988, 92, 2987-2990.	2.9	10
355	Theoretical Study of Effective Exchange Integrals for Ferromagnetic Phenylenevinylene Polymers with Nitroxides. Possibilities of Organic Ferro- or Ferri-Magnetic Solids. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 279, 19-28.	0.3	10
356	Magnetic Force Microscopic Images of Nanometer-Sized Polyradical Particles. <i>Polymer Journal</i> , 2003, 35, 71-75.	1.3	10
357	Dendron-Combined Poly(4-diphenyl-aminium-1,2-phenylenevinylene): An Isolated Multiplet Molecule. <i>Organic Letters</i> , 2004, 6, 4889-4892.	2.4	10
358	Poly(1,4-phenylene sulfide) (PPS) Synthesis via Oxidative Polymerization of Diphenyl Disulfide: Mechanistic Insight into the Selective Formation of 1,4-Thiophenylene Chain. <i>Chemistry Letters</i> , 2015, 44, 767-769.	0.7	10
359	Click-Incorporation of Radical/Ionic Sites into a Reactive Block Copolymer: A Facile and On-Demand Domain Functionalization Approach toward Organic Resistive Memory. <i>Macromolecular Rapid Communications</i> , 2016, 37, 53-59.	2.0	10
360	Effect of π -Conjugated Polyelectrolyte on Performance of White Polymer Light-Emitting Diodes Based on Excitons and Exciplexes Having Long Intermolecular Distances. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13976-13986.	1.5	10

#	ARTICLE	IF	CITATIONS
361	Grafted radical polymer brush for surface-driven switching of chiral nematic liquid crystals. <i>Polymer Journal</i> , 2017, 49, 691-693.	1.3	10
362	Arylamine polymers prepared via facile paraldehyde addition condensation: an effective hole-transporting material for perovskite solar cells. <i>Polymer International</i> , 2018, 67, 670-674.	1.6	10
363	Phenolic antioxidant-incorporated durable perovskite layers and their application for a solar cell. <i>MRS Communications</i> , 2020, 10, 312-316.	0.8	10
364	Completely Solar-Driven Photoelectrochemical Water Splitting Using a Neat Polythiophene Film. <i>Cell Reports Physical Science</i> , 2021, 2, 100306.	2.8	10
365	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1974, 175, 171-178.	1.1	9
366	Reversible oxygen-binding to poly(ethyleneimine)-cobalt complexes in aqueous solution. <i>Die Makromolekulare Chemie</i> , 1985, 186, 1513-1518.	1.1	9
367	Dynamics of oxygen binding to modified iron(II)-porphyrin complexes embedded in the bilayer of phospholipid liposome. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 2493-2495.	1.1	9
368	Coordination structure and magnetic property of poly(pyridilene-methylidene-nitriloiron)s. <i>Journal of Polymer Science Part A</i> , 1989, 27, 497-505.	2.5	9
369	Electroactive poly(arylene sulphide): electro-oxidative polymerization of 3,5-dimethylthiophenol. <i>European Polymer Journal</i> , 1992, 28, 341-346.	2.6	9
370	Chemically Specific Surface Diffusion of Oxygen through a Porous Membrane Modified with Cobalt Porphyrin on Its Pore Surface. <i>The Journal of Physical Chemistry</i> , 1995, 99, 12312-12317.	2.9	9
371	Human Serum Albumin-Bound Synthetic Hemes as An Oxygen Carrier: Determination of Equilibrium Constants for Heme Binding to Host Albumin. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1998, 26, 519-527.	0.9	9
372	High-Spin Oxyphenylbenzo-Annulated Dehydro[12]annulene. <i>Chemistry Letters</i> , 1999, 28, 161-162.	0.7	9
373	Electroreduction of oxygen enriched in a [poly(ethyleneiminato)]cobalt(ii) layer. <i>Journal of Materials Chemistry</i> , 2002, 12, 3162-3166.	6.7	9
374	Acid-Functionalized Poly(phenylene oxide)s: Their Preparation and Properties. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 8626-8630.	1.8	9
375	Magnetic Force Microscopy as a New Tool to Evaluate Local Magnetization of Organic Radical Polymers. <i>Chemistry Letters</i> , 2006, 35, 1414-1415.	0.7	9
376	Poly(thiaheterohelicene) derived from the long-alkylated polysulfonium precursor. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1092-1096.	1.6	9
377	Sulfonic acid polymer-densely grafted poly(ethersulfone)s for a highly proton-conducting membrane. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1229-1234.	1.6	9
378	Correlation between ¹ H NMR chemical shifts of hydroxyl protons in n-hexanol/cyclohexane and molecular association properties investigated using density functional theory. <i>Chemical Physics Letters</i> , 2016, 644, 276-279.	1.2	9

#	ARTICLE	IF	CITATIONS
397	New 3,4,5-trisubstituted isoxazole derivatives with potential biological properties. <i>New Journal of Chemistry</i> , 2015, 39, 4295-4307.	1.4	8
398	A family of substituted hydrazonoisoxazolones with potential biological properties. <i>New Journal of Chemistry</i> , 2016, 40, 2156-2167.	1.4	8
399	A hydrogen-storing quinaldine polymer: nickel-electrodeposition-assisted hydrogenation and subsequent hydrogen evolution. <i>Polymer International</i> , 2017, 66, 647-652.	1.6	8
400	Facile reversible hydrogenation of a poly(6-vinyl-2,3-dimethyl-1,2,3,4-tetrahydroquinoxaline) gel-like solid. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1162-1167.	1.6	8
401	Synthesis of vinyl polymers substituted with 2-propanol and acetone and investigation of their reversible hydrogen storage capabilities. <i>Polymer Journal</i> , 2021, 53, 799-804.	1.3	8
402	Oxidative Polymerization of 2, 6-Xylenol Catalyzed by Insoluble Copper-Polyvinylpyridine Complex. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1972, 1972, 1313-1316.	0.1	7
403	Oxidative polymerization of 2,6-bis(3-methyl-2-butenyl)phenol. <i>Die Makromolekulare Chemie</i> , 1981, 182, 2361-2369.	1.1	7
404	Oxidative polymerization of 2-(2-butenyl)- and 2-(3-methyl-2-butenyl)-6-methylphenol. <i>Die Makromolekulare Chemie</i> , 1982, 183, 1889-1895.	1.1	7
405	Synthesis of Poly(phenylene Oxides) by Electrooxidative Polymerization of Phenols. <i>ACS Symposium Series</i> , 1985, , 175-185.	0.5	7
406	Electrochemical response of electrodes coated with lysine-styrene block copolymers with microphase-separated structure. <i>The Journal of Physical Chemistry</i> , 1987, 91, 2898-2902.	2.9	7
407	Complexation of gadolinium ion with poly(methacrylic acid)s and magnetic properties of the complexes. <i>Inorganica Chimica Acta</i> , 1987, 128, 135-138.	1.2	7
408	Cyclodextrin-Coupled Protoporphyrinatoiron Complex and Its Semi-Stable Oxygen Adduct Formation in an Aqueous Medium. <i>Chemistry Letters</i> , 1989, 18, 381-384.	0.7	7
409	Kinetics of binding of O ₂ and CO to $\tilde{\text{double-sided}}^{\text{TM}}$ porphyrinatoiron(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 3281-3284.	1.1	7
410	Metal-ligand bonding properties of double-sided porphyrin complexes: influence of bulky ester groups. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 3285-3289.	1.1	7
411	Thermolysis of reactive oligo(p-phenylene sulfide) containing disulfide bond. <i>Polymers for Advanced Technologies</i> , 1991, 2, 155-159.	1.6	7
412	Convenient Method to Purify Hemoglobin. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1994, 22, 651-656.	0.9	7
413	Reduction of Methemoglobin via Electron Transfer across the Bilayer Membrane of Hb Vesicles. <i>Bulletin of the Chemical Society of Japan</i> , 1997, 70, 1171-1178.	2.0	7
414	Ion-Exchange and Apparent Diffusion Coefficients Within Cationic Polysulfonium Coatings Containing Ferricyanide. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2003, 40, 37-47.	1.2	7

#	ARTICLE	IF	CITATIONS
415	Selective deposition of polystyrene nanoparticles in a nanoetchpit array on a silicon substrate. Electronic supplementary information (ESI) available: selective deposition of polystyrene particles with smaller diameter. See http://www.rsc.org/suppdata/cc/b3/b315816k/ . <i>Chemical Communications</i> , 2004, , 978.	2.2	7
416	Membrane Preparation of Polysulfonic Acid Complexes by Layer-by-Layer Adsorption. <i>Macromolecular Symposia</i> , 2006, 235, 19-24.	0.4	7
417	Coupling Reaction on Gold Nanoparticle to Yield Polythiophene/Gold Nanoparticle Alternate Network Film. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 634-639.	0.9	7
418	Capsulation of carbon nanotubes on top of colloiddally templated and electropolymerized polythiophene arrays. <i>Chemical Communications</i> , 2011, 47, 8871.	2.2	7
419	Facile Synthesis of Isotactic Polyacrylonitrile via Template Polymerization in Interlayer Space for Dielectric Energy Storage. <i>ACS Applied Polymer Materials</i> , 2020, 2, 775-781.	2.0	7
420	Emulsion Polymerization of 2, 6-Xylenol Catalyzed by Copper-Partially-Quaternized Poly(vinylpyridine) Complex. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1972, 1972, 2416-2420.	0.1	6
421	Spectroscopic Analysis on Elementary Reactions of Oxidative Polymerization of 2, 6-Xylenol Catalyzed by Copper Complex. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1974, 1974, 771-774.	0.1	6
422	Oxygenation of cobalt(II) protoporphyrin IX dimethyl ester bound to copolymer of 4-vinylpyridine and styrene. <i>Biopolymers</i> , 1978, 17, 191-197.	1.2	6
423	Synthesis of polymer catalysts containing vinyl-imidazolehydroxamic acid and their ester hydrolysis catalytic activity. <i>Journal of Molecular Catalysis</i> , 1979, 6, 23-39.	1.2	6
424	ESR study on the structure of the copper (II) complexes in poly(4-vinylpyridine) resins. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1981, 19, 835-837.	0.8	6
425	Polymer-bound protoheme "mono-N-[3-(imidazol-1-yl)propyl]amide and "mono-N-[5-(2-methylimidazol-1-yl)pentyl]amide. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 556-557.	2.0	6
426	Mössbauer Spectroscopic Study of Polymer-Bound Heme Complexes. <i>Polymer Journal</i> , 1984, 16, 325-331.	1.3	6
427	Interactions of functionalized polymeric liposomes having a porphinato-iron complex with some biological cells and components in vitro. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 862, 235-242.	1.4	6
428	Preparation of fluoroalkyl acrylate-methylstyrene random and graft copolymer membranes and their permselectivity for water-ethanol mixture.. <i>Kobunshi Ronbunshu</i> , 1986, 43, 559-563.	0.2	6
429	A Convenient Synthesis of Mixed-Acid Glycerophosphocholines. <i>Synthesis</i> , 1987, 1987, 60-62.	1.2	6
430	Sulfur-containing polymers by the reaction of diphenyl sulfide with sulfur chlorides. <i>Polymers for Advanced Technologies</i> , 1992, 3, 401-405.	1.6	6
431	Synthesis and Aggregate Morphology of Protoporphyrin IX Derivative Having Phospholipid Residue. <i>Chemistry Letters</i> , 1993, 22, 1949-1952.	0.7	6
432	Photoreaction and Photoinitiation Behavior in the Light-Cured Dental Composite Resins.. <i>Kobunshi Ronbunshu</i> , 1993, 50, 485-488.	0.2	6

#	ARTICLE	IF	CITATIONS
433	Effect of an Oxygen-Binding Reaction at the Cobalt Porphyrin Site Fixed in a Polymer Membrane on Facilitated Oxygen Transport. Bulletin of the Chemical Society of Japan, 1995, 68, 1036-1041.	2.0	6
434	New Aspects of High-Spin Chemistry. Molecular Crystals and Liquid Crystals, 1995, 271, 129-146.	0.3	6
435	Phenoxy Radicals Ferromagnetically Attached to a Cyclic π -Conjugation: 2,8,14-Trisoxaphenyltribenzotrisdehydro [12]Annulene. Molecular Crystals and Liquid Crystals, 1999, 334, 1-10.	0.3	6
436	Preparation of non-Kekulé- and non-disjoint-type aromatic polyamines by palladium-catalyzed polycondensation and their poly(cationic radical)s. Polyhedron, 2003, 22, 1945-1949.	1.0	6
437	The photoresponse of a molybdenum porphyrin makes an artificial gill feasible. Journal of Membrane Science, 2005, 249, 235-243.	4.1	6
438	Poly(<i>N</i> -isopropylacrylamide) grafting on aluminium to actively switch its surface drag in water. Polymer International, 2010, 59, 1436-1440.	1.6	6
439	Vanadyl-TrBR ₄ -Catalyzed Oxidative Polymerization of Diphenyl Disulfide. Macromolecular Chemistry and Physics, 2015, 216, 1850-1855.	1.1	6
440	Oscillation mechanism in polymer electrolyte membrane fuel cell studied by μ -operando monitoring of oxygen partial pressure using optical probes. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2021, 72, 230-237.	0.1	6
441	Redox-Active Polymers as an Organic Energy Storage Material. , 2019, , 587-594.		6
442	High Oxygen Permeation and Persistent Oxygen-Carrying in a Poly(vinylimidazole-co-fluoroalkyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.3	6
443	Hydrophilic Isopropanol/acetone- ϵ -substituted Polymers for Safe Hydrogen Storage. Polymer International, 0, , .	1.6	6
444	Electron-transfer Reactions between Cobalt (II)-Partially-quaternized Poly (4-vinylpyridine) Complexes and Ferrous EDTA ²⁻ . Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1974, 1974, 1768-1770.	0.1	5
445	Pendant-type poly(4-vinylpyridine)-Cr(III) and -Co(III) complexes. Die Makromolekulare Chemie, 1978, 179, 1445-1452.	1.1	5
446	Cobalt(II)/poly(ethyleneimine) membrane with oxygen-binding ability. Die Makromolekulare Chemie Rapid Communications, 1982, 3, 693-696.	1.1	5
447	Complexation of samarium ion with poly(acrylic acid) grafted onto polyethylene by radiation-induced method. Journal of Applied Polymer Science, 1984, 29, 3795-3801.	1.3	5
448	Oxygen binding to β -alkylimidazolyl-meso-tetra(β - β - β - β -o-pivalamidophenyl)porphyrinatoiron(II) embedded in a phospholipid bilayer under physiological conditions. Journal of the Chemical Society Chemical Communications, 1985, , 130-132.	2.0	5
449	Rate parameters for oxygen and carbon monoxide binding to a liposome-embedded heme under physiological conditions. Journal of the Chemical Society Dalton Transactions, 1985, , 65.	1.1	5
450	Effect of Polymer Matrices on Oxygen-Binding of a Cobalt Porphyrin Complex. Bulletin of the Chemical Society of Japan, 1987, 60, 3045-3046.	2.0	5

#	ARTICLE	IF	CITATIONS
451	Synthesis of a Negatively-charged Porphinatoiron(II) Having a Phosphoserine Group and Oxygenation in Phospholipid Bilayer. <i>Chemistry Letters</i> , 1990, 19, 123-126.	0.7	5
452	Double-Sided Porphyrinatoiron(II) Bearing Covalently Bound Imidazole. An Efficient Oxygen-Carrier Molecule Composed by 8 Ester Bonds. <i>Chemistry Letters</i> , 1992, 21, 799-802.	0.7	5
453	Synthesis of oligo(2,3,5,6-tetramethylphenylene selenide). <i>Macromolecules</i> , 1993, 26, 4732-4733.	2.2	5
454	O ₂ and CO Binding Behavior of Double-Sided Porphyrinatoiron(II) Complexes Modified by Amide Residues. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 1640-1646.	2.0	5
455	UPS Study of Poly(phenylenevinylene)s Substituted with Hexyloxy, Phenoxy, and Nitroxy Residues. <i>Polymer Journal</i> , 1996, 28, 182-184.	1.3	5
456	Reduction of Oxygen at an Electrode Modified by Cobaltporphyrin Liquid Membrane. <i>Chemistry Letters</i> , 2002, 31, 712-713.	0.7	5
457	3-Dithiolthione-substituted Polythiophene and Its Redox Activities. <i>Chemistry Letters</i> , 2004, 33, 1482-1483.	0.7	5
458	Oxidative Polymerization in Water to Form Sulfoalkoxy Poly(phenylene oxide)s. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1699-1701.	2.0	5
459	Conductive characteristics of radical-bearing polythiophenes using a microcomb-shaped electrode. <i>Polymers for Advanced Technologies</i> , 2007, 18, 925-931.	1.6	5
460	Redox-Active Nitroxide Radical Polymers: From Green Catalysts to Energy Storage Devices. , 2009, , .		5
461	Chiral alkylated poly(<i>m</i> -phenylene)s: Optical activity and thermal stability of helical structures. <i>Synthetic Metals</i> , 2009, 159, 925-930.	2.1	5
462	Intramolecular Through-Space Antiferromagnetic Interactions of Cross-Conjugated Aromatic Polyaminium Radical Gels. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 514-521.	0.9	5
463	Synthesis of Highly Crystallized Poly(1,4-phenylene sulfide) via Oxygen-Oxidative Polymerization of Diphenyl Disulfide. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 843-846.	2.0	5
464	Aggregation Number in Water/ <i>n</i> -Hexanol Molecular Clusters Formed in Cyclohexane at Different Water/ <i>n</i> -Hexanol/Cyclohexane Compositions Calculated by Titration ¹ H NMR. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10285-10291.	1.2	5
465	A simple and green methodology to assemble poly(4-vinylpyridine) and a sulfonated azo-dye for obtaining stable polymeric nanoparticles. <i>Polymer</i> , 2018, 158, 289-296.	1.8	5
466	Oxygen Scavenging and Oxygen Barrier Poly(1,2- <i>ε</i> -butadiene) Films Containing an Iron-Complex Catalyst. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900294.	1.1	5
467	<i>n</i>-Type Redox-active Benzoylpyridinium-substituted Supramolecular Gel for an Organogel-based Rechargeable Device. <i>Chemistry Letters</i> , 2019, 48, 555-557.	0.7	5
468	The Oxidative Polymerization of 2, 6-Xylenol in the Solvents Mixed with Pyridine. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1974, 1974, 809-811.	0.1	4

#	ARTICLE	IF	CITATIONS
469	Spontaneous reduction of heme complexes in dimethylformamide solution. <i>Biopolymers</i> , 1979, 18, 739-742.	1.2	4
470	Oxygenation of the Heme-Complex Bound to Polymeric 2-Methylimidazoles. <i>Polymer Journal</i> , 1982, 14, 629-633.	1.3	4
471	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1982, 183, 1883-1888.	1.1	4
472	OXYGEN-BINDING AFFINITY OF LIPOSOMAL HEME UNDER SEMI PHYSIOLOGICAL CONDITIONS. <i>Chemistry Letters</i> , 1983, 12, 473-476.	0.7	4
473	Complexation of Terbium Ion with the Copolymer of Acrylic Acid and Acrylamide Grafted onto Polyethylene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1986, 23, 1125-1135.	1.2	4
474	Stabilization effect of tocopherol and catalase on the life-time of liposome-embedded heme as an oxygen carrier. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 900, 160-162.	1.4	4
475	Iron ligand bonding properties of synthetic iron porphyrin complexes with oxygen transporting ability in aqueous media. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 2455-2458.	1.1	4
476	Reverse Bohr effect on the oxygen-binding affinity of heme embedded in a bilayer of liposome as a hemoglobin model: pH-induced oxygen uptake and evolution by aqueous synthetic lipid-heme solution. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 1917.	1.1	4
477	Oxygen- and carbon monoxide-binding to a lipophilic diporphyrinocopperiron complex solubilized in an aqueous medium with a micelle. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 2963.	1.1	4
478	Oxygenation of Porphinatoiron(II) Complexes with Imidazole-Containing Glycerophosphocholines in Phospholipid Bilayers. <i>Chemistry Letters</i> , 1989, 18, 1727-1730.	0.7	4
479	Magnetic Properties of Conjugated Phenoxy Polyradicals. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1990, 27, 1261-1273.	0.4	4
480	UPS Spectra of the Polyacetylene Derivatives Carrying Stable Radical Substituents. <i>Polymer Journal</i> , 1991, 23, 921-924.	1.3	4
481	Interaction Between Phospholipid Assemblies and Hemoglobin (Hb). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1994, 31, 97-108.	1.2	4
482	FT Pulsed ESR/Electron Spin Transient Nutation Spectroscopy in the Study of Molecular Based Magnetism: Applications to High-Spin Polymers and Ferromagnetic Materials. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 271, 191-212.	0.3	4
483	Poly[(N-Oxyamino) and (Oxyphenyl)Phenylenevinylene]s: Magnetically Coupled Polyradicals in the Chain. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 272, 153-160.	0.3	4
484	π-Conjugated Polyradicals With Poly(Phenylene-Vinylene) Skeleton and Their Through-Bond and Long-Range Interaction. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 272, 131-138.	0.3	4
485	Functional Evaluation of Hemoglobin- and Lipidheme-vesicles as Red Cell Substitutes. <i>Polymers for Advanced Technologies</i> , 1996, 7, 639-644.	1.6	4
486	Reversible Stretching of a Polymer-Supported Cobalt-Chelate Film in Response to Oxygen. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 1123-1127.	2.0	4

#	ARTICLE	IF	CITATIONS
487	5,4-Bis[bis(methoxyphenyl)amino]-2-methoxystilbene and its cationic biradical. <i>Polyhedron</i> , 2001, 20, 1147-1150.	1.0	4
488	Electroreduction of Oxygen at a Pt/C-Modified Electrode with a Cobaltporphyrin Complex. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 401-405.	2.0	4
489	Poly[4,6-bis(bis(4-methoxyphenyl)aminium)-1,2-phenylenevinylene]: A high-spin and durable polyradical. <i>Polyhedron</i> , 2005, 24, 2309-2314.	1.0	4
490	Mesoporous Alumina: Synthesis, Characterization, and Catalysis. , 0, , 481-521.		4
491	Electronic Communication in the Formation of a Quartet Molecule 2,6,10-Tris[bis(<i>p</i> -methoxyphenyl)aminium]triphenylene. <i>Chemistry Letters</i> , 2010, 39, 356-357.	0.7	4
492	Adsorption of a Carboxylic Acid-Functionalized Aminoxyl Radical onto SiO ₂ . <i>Langmuir</i> , 2014, 30, 4026-4032.	1.6	4
493	Stability of Water/Poly(ethylene oxide) ₄₃ -poly(μ -caprolactone) ₁₄ /Cyclohexanone Emulsions Involves Water Exchange between the Core and the Bulk. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15929-15937.	1.2	4
494	Supercooled Low-Entropy Water Clusters. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3667-3671.	2.1	4
495	Nonpolar Water Clusters: Proton Nuclear Magnetic Resonance Spectroscopic Evidence for Transformation from Polar Water to Nonpolar Water Clusters in Liquid State. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 276-279.	2.1	4
496	Poly(3-alkylthiophene) Films as Solvent-Processable Photoelectrocatalysts for Efficient Oxygen Reduction to Hydrogen Peroxide. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100103.	2.8	4
497	Oxygen-binding rate parameters for a liposome-embedded heme under physiological conditions. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 96.	2.0	3
498	Oxygen-Exchange Reaction Between Artificial Lung Device: The Heme Embedded in Polymerized Lipo Liposome as an Artificial Oxygen Carrier. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1987, 24, 661-668.	0.4	3
499	The Infrared Spectrum of Dioxygen Bound to the Synthetic Porphinatoiron in an Aqueous Medium. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 313-315.	2.0	3
500	The Oxidative Polymerization of 2-Methyl-6-(3,7-dimethyl-2,6-octadienyl)phenol. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 1319-1322.	2.0	3
501	Oxygen-permeation in silicone-bound cobaltporphyrin membrane. <i>Journal of Polymer Science Part A</i> , 1989, 27, 1439-1443.	2.5	3
502	Preparation of Electroactive Poly(dihydroxyphenylene). <i>Chemistry Letters</i> , 1989, 18, 65-68.	0.7	3
503	Lipid-Heme/Microsphere. A New Totally Synthetic Oxygen-Carrier under Physiological Conditions. <i>Chemistry Letters</i> , 1992, 21, 1325-1328.	0.7	3
504	O ₂ /n ₂ -separation by polymer-bound cobalt complexes. <i>Macromolecular Symposia</i> , 1994, 80, 145-156.	0.4	3

#	ARTICLE	IF	CITATIONS
505	Electrochemical study of the nitroxyl radical derivatives built in the π -conjugated poly(phenylenevinylene) skeleton. <i>Polymers for Advanced Technologies</i> , 1995, 6, 707-710.	1.6	3
506	An oxygen-releasing device: reversible oxygen release from a cobalt chelate-carbon composite in response to an applied voltage. <i>Journal of Materials Chemistry</i> , 1997, 7, 2151-2153.	6.7	3
507	Effects of the Ph-Controlled Hemoglobin Vesicles by CO ₂ Gas. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1998, 26, 497-506.	0.9	3
508	Polymeric cobalt-schiff-base and -porphyrin complexes as a dioxygen device. <i>Macromolecular Symposia</i> , 1998, 131, 95-101.	0.4	3
509	Polyphenoxy Radical Photochemically Generated from the Oxalate Derivative of Poly(1,2-phenylenevinylene). <i>Polymer Journal</i> , 1999, 31, 203-205.	1.3	3
510	Electroluminescence of Poly(phenylenevinylene)s Containing Triphenylamine Moieties in the Main Chain. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 362-365.	0.8	3
511	Preparation and Structure of the Thin Membrane of Polymeric Cobaltporphyrin Complex.. <i>Kobunshi Ronbunshu</i> , 2002, 59, 656-660.	0.2	3
512	Enhanced Oxygen Permeation through a Porous Glass Membrane Containing Phthalocyanato- and Porphyrinato-Cobalt Complexes as an Oxygen Carrier. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1308-1311.	2.0	3
513	Poly(2-diphenylamino-1,4-phenylenevinylene): Its preparation via chemical vapor deposition polymerization. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 475-480.	2.8	3
514	Synthesis of porphyrins bearing uracyl groups and their assembly induced by melamine derivatives. <i>Polymers for Advanced Technologies</i> , 2007, 18, 497-501.	1.6	3
515	Mesoscale Radical Polymers: Bottom-Up Fabrication of Electrodes in Organic Polymer Batteries. , 0, , 319-332.		3
516	One-pot, Radiation-induced Graft Polymerization of Vinylsulfonic Acid onto Poly(ether ether ketone) and High Proton Conductivity of Its Membrane. <i>Chemistry Letters</i> , 2013, 42, 218-219.	0.7	3
517	Ionic Liquid-inspired Redox Shuttles: Properties of a Ferrocenylimidazolium Salt as an Efficient Mediator for Dye-sensitized Solar Cells. <i>Chemistry Letters</i> , 2014, 43, 1134-1136.	0.7	3
518	Ultra-high oxygen-scavenging norbornene copolymers bearing imidazolyl iron complexes for fabricating active and sustainable packaging films. <i>Chemical Communications</i> , 2020, 56, 964-967.	2.2	3
519	A Highly Flexible Yet >300 Ah cm ⁻² Energy Density Lithium-Ion Battery Assembled with the Cathode of a Redox-Active Polyether Binder. <i>Energy Technology</i> , 2020, 8, 1901159.	1.8	3
520	Two States of Water Converge to One State below 215 K. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5802-5806.	2.1	3
521	Poly(vinyl diphenylquinoxaline) as a hydrogen storage material toward rapid hydrogen evolution. <i>MRS Communications</i> , 2022, 12, 213-216.	0.8	3
522	Synthesis of 2,6-diprenylphenol and its oxidative polymerization. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1980, 1, 647-650.	1.1	2

#	ARTICLE	IF	CITATIONS
523	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1982, 3, 417-419.	1.1	2
524	Enzymatic reduction of synthetic polymer-bound heme derivatives: efficient method to prepare a heme-oxygen adduct in cooled aqueous medium. Journal of Inorganic Biochemistry, 1984, 22, 85-89.	1.5	2
525	Reversible oxygen binding by the complex of poly(2-methyl-1-vinylimidazole) and heme in cold aqueous media. Journal of the Chemical Society Dalton Transactions, 1984, , 2383.	1.1	2
526	Oxygen-binding to a lipophilic diporphinato copper-iron complex in an aqueous medium. Journal of the Chemical Society Chemical Communications, 1985, , 573-575.	2.0	2
527	pH-Induced oxygen uptake and evolution by aqueous synthetic haem-lipid solution. Journal of the Chemical Society Chemical Communications, 1986, .	2.0	2
528	Preparation of the copolymer of acrylic acid and acrylamide grafted onto polyethylene and its complexation with samarium ion.. Kobunshi Ronbunshu, 1986, 43, 31-35.	0.2	2
529	A Bis-Fenced Porphinatoiron Having Seven Pivaloyloxy Groups on the Porphyrin Ring Plane. Synthesis and Ligand Binding. Chemistry Letters, 1990, 19, 1071-1074.	0.7	2
530	Electro-oxidative polymerization of 1,3-Cyclohexadiene. Polymers for Advanced Technologies, 1990, 1, 207-210.	1.6	2
531	Coordination and adsorption of acetylene in the poly[(vinylcyclopentadienyl)manganese] membrane. Macromolecules, 1991, 24, 3310-3313.	2.2	2
532	Synthesis and Magnetic Properties of Conjugated Stable Polyradicals. Journal of Macromolecular Science Part A, Chemistry, 1991, 28, 1177-1187.	0.4	2
533	Lipid microsphere containing lipophilic heme: preparation and oxygen transportation under physiological conditions. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1108, 253-256.	1.4	2
534	Synthesis of poly(2,5-dimethylphenylene sulfide) through oxidative polymerization of sulfur chloride with p-xylene. Polymers for Advanced Technologies, 1994, 5, 216-220.	1.6	2
535	Oxygen-binding property of hemoglobin films. Polymers for Advanced Technologies, 1994, 5, 385-389.	1.6	2
536	Analysis of Functional Groups of Porphyrins by Collision-Induced Dissociation Mass Spectrometry/Mass Spectrometry.. Analytical Sciences, 1995, 11, 793-796.	0.8	2
537	Preparation of poly(1,4-phenylene)s by electro-oxidative polymerization. Polymers for Advanced Technologies, 1995, 6, 254-257.	1.6	2
538	Intrachain Ferromagnetic Spin Alignment in π -Conjugated Polyradicals with a Poly(phenylenevinylene) Chain. ACS Symposium Series, 1996, , 247-257.	0.5	2
539	Oxygen Releasing from Cellular Hemoglobin. Artificial Cells, Blood Substitutes, and Biotechnology, 1998, 26, 507-517.	0.9	2
540	5,10,15,20-Tetrakis(β , β , β -o-pivalamidophenyl)porphinatoiron(II) bearing a covalently linked axial imidazole via m-aminobenzoic acid. Synthesis and influence of imidazole basicity on O ₂ -binding affinity. Inorganica Chimica Acta, 1999, 295, 234-238.	1.2	2

#	ARTICLE	IF	CITATIONS
559	DETERMINATION OF CHEMICALLY BOUND OXYGEN BY ¹⁵ O-O TRACER METHOD. APPLICATION TO HEMOGLOBIN- AND SYNTHETIC HEME-BOUND OXYGEN. Chemistry Letters, 1984, 13, 1889-1892.	0.7	1
560	POLY(VINYLPYRROLIDONE)-BOUND DIPHENYLHEME. Chemistry Letters, 1984, 13, 997-1000.	0.7	1
561	Liposome-embedded heme with an oxygen-binding ability under physiological conditions.. Kobunshi Ronbunshu, 1985, 42, 685-688.	0.2	1
562	Oxygenation behaviour of the porphine-porphinatoiron complex.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1985, 1985, 182-184.	0.1	1
563	Electro-oxidative polymerization of 2,6-dimethylphenoxide ion in the presence of bromide ion as a mediator.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1986, 1986, 152-156.	0.1	1
564	Synthesis of Polyorganosiloxane with N-(4-Pyridyl)amido Group on the Side Chain. Chemistry Letters, 1987, 16, 2309-2310.	0.7	1
565	Reversible Coordination of Molecular Nitrogen to Polymeric Benzenecarbonylchromium Complexes. Journal of Macromolecular Science Part A, Chemistry, 1988, 25, 1339-1348.	0.4	1
566	Synthesis of imidazolyl-group-bearing 5,10,15,20-Tetrakis(α,α,α,α-o-pivalamidophenyl)porphyrinatoiron(II) derivatives.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 1836-1845.	0.1	1
567	Covalently cyclodextrin-bonded heme derivatives.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 518-521.	0.1	1
568	Facilitated Oxygen Transport in Poly (alkylmethacrylate-co-vinylimidazole) -cobaltporphyrin Membranes. Kobunshi Ronbunshu, 1989, 46, 375-380.	0.2	1
569	New synthesis of polyaromatics through oxidative polymerization by using metal complexes with air. Makromolekulare Chemie Macromolecular Symposia, 1992, 59, 1-16.	0.6	1
570	Synthesis of porphinatoirons having an alkyl amphiphilic chain and their O ₂ binding properties in lipid bilayers. Journal of Inorganic Biochemistry, 1993, 49, 255-264.	1.5	1
571	Synthesis of Protoporphyrin IX Derivatives Having Four Amphiphilic and/or Lipophilic Alkyl Chains and Their Dispersing Behavior in Phospholipid Bilayer. Chemistry Letters, 1994, 23, 1953-1956.	0.7	1
572	Preparation of Poly(1,4-phenylene) by Oxidative Polymerization of Benzene with 2,3-Dichloro-5,6-dicyano-p-benzoquinone. Chemistry Letters, 1994, 23, 363-366.	0.7	1
573	Coordination Behavior of O ₂ and CO in a Solid Film Consisting of Hemoglobin and Maltose. Bulletin of the Chemical Society of Japan, 1995, 68, 1006-1011.	2.0	1
574	Specific oxygen-binding to a polymer-supported N,N'-disalicylideneethylenediaminocobalt complex. Macromolecular Symposia, 1996, 105, 191-197.	0.4	1
575	Comparison of Electron Ionization and Fast Atom Bombardment Ionization for CID-MS/MS Studies of "Picket-Fence" Porphyrin.. Analytical Sciences, 1997, 13, 845-847.	0.8	1
576	O ₂ Binding and Dissociation and Ligand Exchange Reaction of O ₂ with CO in Polymer Composite Films of Hemoglobin. Polymers for Advanced Technologies, 1997, 8, 366-370.	1.6	1

#	ARTICLE	IF	CITATIONS
577	High Oxygen-Binding Affinity of Poly(4-Vinylimidazole- <i>co</i> - <i>l</i> -octylmethacrylate)-Cobaltporphyrin Complex: Effect of Hydrogen-Bond at the Imidazole Residue. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 249-254.	0.3	1
578	Electroluminescent Properties of a Triphenylamine-Containing Poly(phenylenevinylene).. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2002, 15, 259-260.	0.1	1
579	Covalent Fixation of the Cyclic Tetramer of a Metallo-porphyrin Based on Self-complementary Quadruple Hydrogen Bonding. <i>Chemistry Letters</i> , 2006, 35, 1076-1077.	0.7	1
580	Oxidation Catalysis by Nanoscale Gold, Silver, and Copper. , 0, , 333-364.		1
581	Gold Nanoparticles and Carbon Nanotubes: Precursors for Novel Composite Materials. , 0, , 249-295.		1
582	Interactions of Carbon Nanotubes with Biomolecules: Advances and Challenges. , 0, , 715-742.		1
583	Recent Advances in Metal Nanoparticle-Attached Electrodes. , 0, , 297-318.		1
584	Organic Batteries. , 2013, , 235-246.		1
585	In-situ Polymerization of Thiophene Derivatives Using a Gas-phase Oxidant to Form a Hole-transporting Layer in Dye-sensitized Solar Cell. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2014, 27, 347-350.	0.1	1
586	Kinetic Control of Electron Transfer at Doped Zinc Oxide/Redox-active Molecule Interface for Photocurrent Rectification. <i>Chemistry Letters</i> , 2015, 44, 41-43.	0.7	1
587	Printed Electronics: Low-Cost, Organic Light-Emitting Electrochemical Cells with Mass-Produced Nanoimprinted Substrates Made Using Roll-to-Roll Methods (<i>Adv. Mater. Technol.</i> 5/2017). <i>Advanced Materials Technologies</i> , 2017, 2, .	3.0	1
588	Organic Batteries: An Ultrahigh Output Rechargeable Electrode of a Hydrophilic Radical Polymer/Nanocarbon Hybrid with an Exceptionally Large Current Density beyond 1 A cm^{-2} (<i>Adv. Mater.</i> 26/2018). <i>Advanced Materials</i> , 2018, 30, 1870194.	11.1	1
589	Organic Electronics: Ultrathin and Stretchable Rechargeable Devices with Organic Polymer Nanosheets Conformable to Skin Surface (<i>Small</i> 13/2019). <i>Small</i> , 2019, 15, 1970067.	5.2	1
590	Nanometer-size Multispin Macromolecules and Their Magnetic Force Microscopic Images. <i>Springer Series in Materials Science</i> , 2004, , 66-79.	0.4	1
591	Allylic hydrocarbon polymers complexed with Fe(II)(salen) as a ultrahigh oxygen-scavenging and active packaging film. <i>Pure and Applied Chemistry</i> , 2020, 92, 871-882.	0.9	1
592	Indoline Dye-Coupled Polyviologen: Its Electrochemical Property and Electropolymerization. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 10NE17.	0.8	1
593	Magnetic Properties of Conjugated Phenoxy Polyradicals. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1990, 27, 1261-1273.	1.2	1
594	Poly(3-alkylthiophene) Films as Solvent-Processable Photoelectrocatalysts for Efficient Oxygen Reduction to Hydrogen Peroxide. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, .	2.8	1

#	ARTICLE	IF	CITATIONS
595	Preparation and property of poly(methacrylic acid)-gadolinium complex.. Kobunshi Ronbunshu, 1985, 42, 301-304.	0.2	0
596	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1981, 2, 627-631.	1.1	0
597	Preparation and property of poly(methacrylic acid)-gadolinium complex.. Kobunshi Ronbunshu, 1985, 42, 301-304.	0.2	0
598	The oxidative polymerization of 2,6-Dimethylphenol with a copper-pyridine complex in the presence of 2,2-bis(4-hydroxy-3,5-dimethylphenyl)propane.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1985, 1985, 238-241.	0.1	0
599	Oxygen binding to the iron-copper cofacial diporphyrin derivative embedded in polymer film. Journal of Inorganic Biochemistry, 1985, 25, 43-49.	1.5	0
600	Polymer effect in the chelate formation of macromolecules. Die Makromolekulare Chemie, 1985, 14, 71-80.	1.1	0
601	Co-operative ligation of diporphinatoiron(II) complexes with carbon monoxide: a haemoglobin model for gaseous molecule ligation. Journal of the Chemical Society Chemical Communications, 1986, , 179.	2.0	0
602	Interaction of Oxygen Carrying Microparticles with Blood Components and Clearance from Blood Stream. Biomaterials, Artificial Cells, and Artificial Organs, 1988, 16, 673-674.	0.2	0
603	Oxygen Transporting Ability of Synthetic Hemes Embedded in Liposomes. Biomaterials, Artificial Cells, and Artificial Organs, 1988, 16, 633-634.	0.2	0
604	Reversible oxygen-binding to imidazolyl-group-bearing 5,10,15,20-Tetrakis (.ALPHA.,.ALPHA.,.ALPHA.,.ALPHA.-o-pivalamidophenyl) porphyrinatoiron (II) in its micellar or liposome solution.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 1846-1851.	0.1	0
605	Oxygen exchange between polymerized liposome-embedded lipid-heme and human red blood cell.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 541-543.	0.1	0
606	Synthesis of 5,10,15-tris(.ALPHA.,.ALPHA.,.ALPHA.-o-pivalamidophenyl)-20-[.ALPHA.-o-[4-[[12-(1-imidazolyl)dodecyl]carbamoyl]-2,2-dimethylbutanam (II).. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 1713-1718.	0.1	0
607	Oxygen carrying capacity of completely artificial red blood cell substitute : Liposome-embedded-heme. The Journal of the Japanese Association for Chest Surgery, 1990, 4, 676-680.	0.0	0
608	Polymerization and Radical Stability in the Light-Cured Dental Composite Resins.. Kobunshi Ronbunshu, 1992, 49, 509-512.	0.2	0
609	Oxygen-Transport and Solution Properties of Poly(lipid)/HB Vesicles (ARC). Biomaterials, Artificial Cells, and Immobilization Biotechnology: Official Journal of the International Society for Artificial Cells and Immobilization Biotechnology, 1992, 20, 399-404.	0.2	0
610	Characteristic O ₂ -Binding of Lipidprotoheme in Phospholipid Bilayer Membrane. Chemistry Letters, 1995, 24, 477-478.	0.7	0
611	Nonlinear Optical Property of Poly(Phenylenevinylene) Bearing π -Conjugated Radicals. Molecular Crystals and Liquid Crystals, 1999, 334, 31-39.	0.3	0
612	Reversible Oxygen-Releasing from the Composite of Picketfence-Porphyrinatocobalt and Carbon in Response to a 1.5 V-Application. Bulletin of the Chemical Society of Japan, 1999, 72, 2791-2794.	2.0	0

#	ARTICLE	IF	CITATIONS
613	Preface: Professor Eishun Tsuchida. <i>Polymers for Advanced Technologies</i> , 2001, 12, 151-151.	1.6	0
614	Poly(thiaheterohelicene): A Stiff Conjugated Helical Polymer Comprised of Fused Benzothiophene Rings.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
615	Submicrometer-Sized Polystyrene Particles Packing on Silicon Microfabricated Substrate. <i>Materials Research Society Symposia Proceedings</i> , 2005, 901, 1.	0.1	0
616	Hole-Transporting Property of Star-shaped Nitroxide Radical Molecule. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2006, 19, 143-144.	0.1	0
617	Practical nano-chemistry. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 395-396.	2.8	0
618	Molecular Imprinting with Nanomaterials. , 0, , 651-675.		0
619	Structural DNA Nanotechnology: Information-Guided Self-Assembly. , 0, , 869-880.		0
620	Fullerene-Rich Nanostructures. , 0, , 699-714.		0
621	Smart Nanoassemblies of Block Copolymers for Drug and Gene Delivery. , 0, , 91-110.		0
622	In memory of Professor Eishun Tsuchida (1930â€“2010). <i>Polymers for Advanced Technologies</i> , 2011, 22, 1211-1211.	1.6	0
623	Indoline Dye-Coupled Polyviologen: Its Electrochemical Property and Electropolymerization. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 10NE17.	0.8	0
624	Macromol. Rapid Commun. 1/2016. <i>Macromolecular Rapid Communications</i> , 2016, 37, 116-116.	2.0	0
625	Redox Polymers for Energy Devices. <i>International Journal of the Society of Materials Engineering for Resources</i> , 2018, 23, 12-15.	0.1	0
626	Frontier of Functional Polymer Materials. <i>Seikei-Kakou</i> , 2009, 21, 528-530.	0.0	0
627	Charge-Transport in Radical Polymer Membranes Leading to Organic-Based New Devices. <i>Membrane</i> , 2012, 37, 219-223.	0.0	0
628	Air Battery: Design of Organic Anode-Active Polymer Layers. <i>Membrane</i> , 2013, 38, 131-136.	0.0	0
629	Selective Oxygen Permeation Through Metalloporphyrin Polymer Membranes. <i>Journal of Japan Oil Chemists Society</i> , 1990, 39, 764-769.	0.1	0
630	Organic Î€â€“Conjugated Polymers as Photocathode Materials for Visibleâ€“Lightâ€“Enhanced Hydrogen and Hydrogen Peroxide Production from Water (<i>Adv. Energy Mater.</i> 43/2021). <i>Advanced Energy Materials</i> , 2021, 11, .	10.2	0

#	ARTICLE	IF	CITATIONS
631	Self-Assembling Nanoclusters Based on Tetrahalometallate Anions: Electronic and Mechanical Behavior. , 0 , 365-378.		0
632	Ecological Toxicology of Engineered Carbon Nanoparticles. , 0 , 595-613.		0
633	Near-Field Raman Imaging of Nanostructures and Devices. , 0 , 677-697.		0