

Takaki Kanbara

List of Publications by Year in descending order

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143
papers

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94269

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148
all docs

148
docs citations

148
times ranked

3447
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of New Electron-Accepting π -Conjugated Polyquinoxalines. Chemical and Electrochemical Reduction, Electrically Conducting Properties, and Use in Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 1996, 118, 3930-3937.	6.6	193
2	Polycondensation of Dibromofluorene Analogues with Tetrafluorobenzene via Direct Arylation. <i>Macromolecules</i> , 2011, 44, 1252-1255.	2.2	186
3	Synthesis of Thiophene- and Bithiophene-Based Alternating Copolymers via Pd-Catalyzed Direct $C-H$ Arylation. <i>ACS Macro Letters</i> , 2012, 1, 67-70.	2.3	185
4	Synthesis of π -Conjugated Polymers Containing Fluorinated Arylene Units via Direct Arylation: Efficient Synthetic Method of Materials for OLEDs. <i>Macromolecules</i> , 2012, 45, 4128-4133.	2.2	140
5	Direct Arylation Polycondensation: A Promising Method for the Synthesis of Highly Pure, High-Molecular-Weight Conjugated Polymers Needed for Improving the Performance of Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2014, 24, 3226-3233.	7.8	126
6	Direct arylation polycondensation for the synthesis of bithiophene-based alternating copolymers. <i>Polymer Chemistry</i> , 2013, 4, 947-953.	1.9	106
7	Preparation of new type of azacalixarene, azacalix[n](2,6)pyridine. <i>Tetrahedron Letters</i> , 2002, 43, 7945-7948.	0.7	91
8	Detailed Optimization of Polycondensation Reaction via Direct $C-H$ Arylation of Ethylenedioxythiophene. <i>Macromolecular Rapid Communications</i> , 2013, 34, 69-73.	2.0	81
9	Self-assembled conjugated polymer spheres as fluorescent microresonators. <i>Scientific Reports</i> , 2014, 4, 5902.	1.6	80
10	Two-step Changes in Luminescence Color of Pt(II) Complex Bearing an Amide Moiety by Mechano- and Vapochromism. <i>Chemistry Letters</i> , 2012, 41, 65-67.	0.7	76
11	Spherical Assemblies from π -Conjugated Alternating Copolymers: Toward Optoelectronic Colloidal Crystals. <i>Journal of the American Chemical Society</i> , 2013, 135, 870-876.	6.6	75
12	The effect of a solvent on direct arylation polycondensation of substituted thiophenes. <i>Polymer Chemistry</i> , 2015, 6, 891-895.	1.9	75
13	Polyquinoxaline as an excellent electron injecting material for electroluminescent device. <i>Applied Physics Letters</i> , 1996, 68, 2346-2348.	1.5	73
14	Preparation of a new receptor for anions, macrocyclic polythiolactam structure and high anion-binding ability. <i>Tetrahedron Letters</i> , 2003, 44, 5167-5169.	0.7	73
15	Microwave-Assisted Polycondensation via Direct Arylation of 3,4-Ethylenedioxythiophene with 9,9-Dioctyl-2,7-dibromofluorene. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 878-882.	3.2	73
16	Preparation and Characterization of Luminescent SCS and NCN Pincer Platinum Complexes Derived from 3,5-Bis(anilinothiocarbonyl)toluene. <i>Organometallics</i> , 2006, 25, 4026-4029.	1.1	65
17	Effects of the Terminal Structure, Purity, and Molecular Weight of an Amorphous Conjugated Polymer on Its Photovoltaic Characteristics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1752-1758.	4.0	65
18	Preparation of New Polymers Containing an Azobenzene Group in the Side Chain by Palladium-Catalyzed Polymer Reaction and Polycondensation and Characterization of the Polymers. <i>Macromolecules</i> , 1998, 31, 8725-8730.	2.2	64

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19	Synthesis of 4,4'-dinylnyl-2,2'-bithiazole-based copolymers via Pd-catalyzed direct C-H arylation. <i>Polymer Chemistry</i> , 2012, 3, 3217.	1.9	61
20	Selective removal of mercury(II) from wastewater using polythioamides. <i>Journal of Hazardous Materials</i> , 2010, 175, 1113-1115.	6.5	59
21	Luminescent palladium complexes containing thioamide-based SCS pincer ligands. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4192-4196.	0.8	58
22	Synthesis of highly fluorescent diketopyrrolopyrrole derivative and two-step response of fluorescence to acid. <i>Tetrahedron Letters</i> , 2010, 51, 1596-1599.	0.7	57
23	Direct Arylation Polycondensation of Bithiazole Derivatives with Various Acceptors. <i>Macromolecules</i> , 2014, 47, 7378-7385.	2.2	57
24	Preparation of platinum complexes containing a thioamide-based SCS pincer ligand and their light emitting properties. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1860-1864.	0.8	54
25	Complexation of Porphyrin with a Pyridine Moiety in Self-Assembled Monolayers on Metal Surfaces. <i>Journal of Physical Chemistry B</i> , 2000, 104, 271-278.	1.2	53
26	Luminescent Ir(III) complexes containing benzothiazole-based tridentate ligands: synthesis, characterization, and application to organic light-emitting diodes. <i>Dalton Transactions</i> , 2012, 41, 44-46.	1.6	52
27	Aerobic oxidative dehydrogenation of benzylamines catalyzed by a cyclometalated ruthenium complex. <i>Tetrahedron Letters</i> , 2010, 51, 6457-6459.	0.7	49
28	Chemical Stimuli Induced Phosphorescence Modulation of Secondary Thioamide-Based Pincer Platinum Complexes. <i>Organometallics</i> , 2009, 28, 3307-3310.	1.1	47
29	Solid-state structure and optical properties of highly fluorescent diketopyrrolopyrrole derivatives synthesized by cross-coupling reaction. <i>Tetrahedron</i> , 2010, 66, 3736-3741.	1.0	47
30	Preparation of Novel Poly(aryleneamine)s by Palladium Complex Catalyzed Polycondensation of Dibromobenzenes with Diamines. <i>Chemistry Letters</i> , 1996, 25, 1135-1136.	0.7	46
31	Conjugated Polymer Blend Microspheres for Efficient, Long-Range Light Energy Transfer. <i>ACS Nano</i> , 2016, 10, 5543-5549.	7.3	46
32	Mechanistic studies and optimisation of a Pd-catalysed direct arylation reaction using phosphine-free systems. <i>Organic Chemistry Frontiers</i> , 2015, 2, 520-525.	2.3	44
33	Synthesis of Conjugated Polymers Containing Octafluorobiphenylene Unit via Pd-Catalyzed Cross-Dehydrogenative-Coupling Reaction. <i>ACS Macro Letters</i> , 2018, 7, 90-94.	2.3	42
34	Synthesis of Conjugated Polymer Consisting of Pyrrole and Fluorene Units by Pd-Catalyzed Site-Selective Direct Arylation Polycondensation. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1151-1156.	2.0	40
35	Two-step direct arylation for synthesis of naphthalenediimide-based conjugated polymer. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1401-1407.	2.5	40
36	Preparation of polythioamides from dialdehydes and diamines with sulfur by the Willgerodt-Kindler type reaction. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3739-3750.	2.5	39

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37	Suppression of Homocoupling Side Reactions in Direct Arylation Polycondensation for Producing High Performance OPV Materials. <i>Macromolecules</i> , 2016, 49, 9388-9395.	2.2	39
38	Nickel(II) complexes bearing a pincer ligand containing thioamide units: Comparison between SNS- and SCS-pincer ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 2474-2480.	1.2	38
39	Synthesis and Characterization of Sulfur-Based Polymers from Elemental Sulfur and Algae Oil. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1195-1202.	2.0	38
40	Optical properties of highly planar diketopyrrolopyrrole derivatives fixed by coordinate bonds. <i>Tetrahedron</i> , 2014, 70, 1451-1457.	1.0	34
41	Facile Synthesis of π -Conjugated Polymers via Direct Arylation Polycondensation. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 152-161.	2.0	34
42	Mechanistic Study of Pd/Ag Dual-Catalyzed Cross-Dehydrogenative Coupling of Perfluoroarenes with Thiophenes. <i>ACS Catalysis</i> , 2020, 10, 3390-3397.	5.5	33
43	Enhancement of the photoluminescence of a thioamide-based pincer palladium complex in the crystalline state. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1289-1293.	0.8	32
44	Palladium(ii) and platinum(ii) complexes bearing a π -SCS pincer ligand with an azulene unit. <i>Dalton Transactions</i> , 2010, 39, 6255.	1.6	30
45	Modulation of the Emission Mode of a Pt(II) Complex via Intermolecular Interactions. <i>Inorganic Chemistry</i> , 2017, 56, 8726-8729.	1.9	30
46	Synthesis, Characterization, and Catalytic Reactivity of a Highly Basic Macrotricyclic Aminopyridine. <i>Organic Letters</i> , 2010, 12, 5242-5245.	2.4	29
47	Polythioamide as a Collector for Valuable Metals from Aqueous and Organic Solutions. <i>Chemistry Letters</i> , 2003, 32, 622-623.	0.7	28
48	New Proton-Sponge-Like Macrocyclic Compound: Synergistic Hydrogen Bonds of Aminopyridine. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3314-3316.	1.2	28
49	The catalytic activity of a cyclometalated ruthenium(III) complex for aerobic oxidative dehydrogenation of benzylamines. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1301-1304.	0.8	28
50	Facile Synthesis of Thienopyrroledione-Based π -Conjugated Polymers via Direct Arylation Polycondensation under Aerobic Conditions. <i>Macromolecules</i> , 2018, 51, 6782-6788.	2.2	28
51	Deprotonation/protonation of coordinated secondary thioamide units of pincer ruthenium complexes: Modulation of voltammetric and spectroscopic characterization of the pincer complexes. <i>Dalton Transactions</i> , 2011, 40, 8879.	1.6	27
52	Preparation of polythioamides from dialdehydes and 4,4'-trimethylenedipiperidine with sulfur by the Willgerodt-Kindler reaction. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1737-1740.	2.5	26
53	Synthesis of bithiazole-based crystalline polymers via palladium-catalyzed direct C-H arylation. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1396-1402.	2.5	26
54	FRET-mediated near infrared whispering gallery modes: studies on the relevance of intracavity energy transfer with Q -factors. <i>Materials Chemistry Frontiers</i> , 2018, 2, 270-274.	3.2	26

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55	Palladium-catalyzed modification of poly(p-bromostyrene) with carbazole and related heteroarenes containing an Ni π -H bond and their properties. <i>Journal of Polymer Science Part A</i> , 2000, 38, 28-34.	2.5	25
56	Emission Behavior of Secondary Thioamide-Based Cationic Pincer Platinum(II) Complexes in the Aggregate State. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1865-1869.	1.0	25
57	Preparation and characterization of green reflective films of polyaniline analogs containing azobenzene units. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	25
58	Synthesis and Optical Properties of Pincer Palladium and Platinum Complexes having Thioamide Units. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2008, 21, 349-353.	0.1	24
59	Synthesis and Characterization of Dioxopyrrolopyrrole Derivatives Having Electron-Withdrawing Groups. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5282-5290.	1.2	23
60	Aerobic oxidative dehydrogenation of benzyl alcohols to benzaldehydes by using a cyclometalated ruthenium catalyst. <i>Tetrahedron Letters</i> , 2012, 53, 3573-3576.	0.7	23
61	Deprotonation-Induced Structural Changes in SNS-Pincer Ruthenium Complexes with Secondary Thioamide Groups. <i>Organometallics</i> , 2014, 33, 885-891.	1.1	23
62	Preparation of Poly(arylenediamine)s by Palladium-Catalyzed Polycondensation of Aryl Dibromides with Secondary Diamines. <i>Polymer Journal</i> , 1998, 30, 66-68.	1.3	22
63	Synthesis and Structural Features of a Series of π -SNS Pincer Complexes of Group 10 Metals η^5 -Bonded to Centered Pyrrolate Unit. <i>Chemistry Letters</i> , 2006, 35, 558-559.	0.7	22
64	Selective Separation of Palladium from Organic Solutions Containing Nickel or Platinum using Polythioamide as a Sorbent. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 67-73.	1.9	22
65	Molecular Design of Organic Superbases, Azacalix[3](2,6)pyridines: Catalysts for 1,2- and 1,4-Additions. <i>Journal of Organic Chemistry</i> , 2012, 77, 10631-10637.	1.7	22
66	Development of Synthetic Method for π -Conjugated Polymers via Direct Arylation Polycondensation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 1271-1278.	0.0	22
67	Facile synthesis of fluorene-based π -conjugated polymers via sequential bromination/direct arylation polycondensation. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2198-2201.	2.5	22
68	Synthesis of bithiazole-based semiconducting polymers via Cu-catalysed aerobic oxidative coupling. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1306-1309.	3.2	22
69	[Pd(4-R ₃ Si-IPr)(allyl)Cl], a Family of Silyl-Substituted Pd-NHC Complexes: Catalytic Systems for the Buchwald-Hartwig Amination. <i>Organometallics</i> , 2019, 38, 375-384.	1.1	22
70	Algae-Inspired, Sulfur-Based Polymer with Infrared Transmission and Elastic Function. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5173-5178.	2.0	22
71	Preparation of meta-polyaniline and its related poly(iminoarylene)s by nickel-catalyzed polycondensation of aryl dichlorides with aryl primary diamines. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4194-4199.	2.5	21
72	Synthesis and Metal-like Luster of Novel Polyaniline Analogs Containing Azobenzene Unit. <i>Chemistry Letters</i> , 2010, 39, 1248-1250.	0.7	21

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73	Aerobic Oxidative Dehydrogenation of α -Substituted Imidazolines Promoted by a Cyclometalated Ruthenium Catalyst. <i>ChemCatChem</i> , 2010, 2, 58-60.	1.8	20
74	Secondary Thioamides as Multidentate Ligands for Functional Metal Complexes. <i>Chemistry Letters</i> , 2015, 44, 102-110.	0.7	20
75	Synthesis of conjugated polymers possessing diketopyrrolopyrrole units bearing phenyl, pyridyl, and thiazolyl groups by direct arylation polycondensation: Effects of aromatic groups in DPP on physical properties. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2337-2345.	2.5	20
76	Luminescence Study of Thioamide-based Pincer Palladium Complexes in Poly(vinylpyrrolidone) Matrix. <i>Chemistry Letters</i> , 2010, 39, 385-387.	0.7	19
77	Versatile bridging ability of secondary thioamide group for constructing metal cluster based on pincer complex. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1305-1309.	0.8	19
78	Tetramethylbithiophene in π -conjugated alternating copolymers as an effective structural component for the formation of spherical assemblies. <i>Polymer Chemistry</i> , 2014, 5, 3583-3587.	1.9	19
79	Synthesis of pyrrole-based poly(arylenevinylene)s via Rh-catalyzed dehydrogenative direct alkenylation. <i>Polymer Chemistry</i> , 2016, 7, 2775-2779.	1.9	19
80	Ligand Modification of Cyclometalated Ruthenium Complexes in the Aerobic Oxidative Dehydrogenation of Imidazolines. <i>ACS Catalysis</i> , 2013, 3, 812-816.	5.5	18
81	Aerobic oxidative dehydrogenation of coordinated imidazoline units of pincer ruthenium complex. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5495-5500.	0.8	16
82	Regioregulated Syntheses of Poly(aminopyridine)s by Pd-catalyzed Amination Reaction. <i>Macromolecular Rapid Communications</i> , 2009, 30, 997-1001.	2.0	16
83	Optically induced mode splitting in self-assembled, high quality-factor conjugated polymer microcavities. <i>Scientific Reports</i> , 2016, 6, 19635.	1.6	16
84	Direct arylation polycondensation for the synthesis of bithiazole-based conjugated polymers and their physical properties. <i>Polymer Journal</i> , 2017, 49, 123-131.	1.3	16
85	Preparation of Soluble Poly(iminoarylene)s by Palladium-Catalyzed Polycondensation of Aryl Dibromides with Aryl Primary Diamines. <i>Polymer Journal</i> , 1999, 31, 206-209.	1.3	15
86	Template-directed synthesis of macrocyclic aminopyridines: azacalix[n](2,6)pyridines (n=3, 4). <i>Tetrahedron Letters</i> , 2014, 55, 3070-3072.	0.7	14
87	Luminescent Ir(III) complexes bearing benzothiazole or benzoxazole-based pincer ligand. <i>Journal of Organometallic Chemistry</i> , 2017, 845, 189-195.	0.8	14
88	Synthesis of Polyfluoro Arylene-Based Poly(arylenevinylene)s via Pd-catalyzed Dehydrogenative Direct Alkenylation. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800414.	2.0	14
89	One-Pot Synthesis of Triazatriphenylene Using the Povarov Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 7920-7927.	1.7	14
90	Selective sorption of gold(III) by polystyrene-supported π -pyridylamino oligomers. <i>Journal of Materials Chemistry</i> , 2000, 10, 2442-2444.	6.7	13

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91	Facile one-pot access to π -conjugated polymers via sequential bromination/direct arylation polycondensation. <i>Polymer Chemistry</i> , 2017, 8, 3006-3012.	1.9	13
92	Construction of new [2]pseudorotaxanes by hydrogen bonding assembly of macrocyclic tetrathiolactam with amides and an ester. <i>Tetrahedron Letters</i> , 2004, 45, 4603-4606.	0.7	12
93	Synthesis and Photophysical Properties of Diketopyrrolopyrrole-Based Near-Infrared Dyes. <i>Heterocycles</i> , 2014, 89, 1173.	0.4	12
94	Improved power conversion efficiency of bulk-heterojunction organic photovoltaic cells using neat C70 as an effective acceptor for an amorphous π -conjugated polymer. <i>Organic Electronics</i> , 2015, 25, 99-104.	1.4	12
95	Electrically Conductive Hydrogen-Bond-Based Supramolecular Polymer with a Tetrathiafulvalene Moiety: Modulation of Electrical Conductivity and Flexibility of Film by External Stimulus. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2154-2157.	1.7	11
96	Changes in redox potential of a nickel-pincer complex bearing reactive secondary thioamide units: Changes caused by deprotonation/protonation reactions on addition of NEt ₃ and DBU. <i>Inorganic Chemistry Communication</i> , 2011, 14, 836-838.	1.8	11
97	From Linear to Foldamer and Assembly: Hierarchical Transformation of a Coplanar Conjugated Polymer into a Microsphere. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4580-4586.	2.1	11
98	Palladium-catalyzed modification of poly(p-bromostyrene) with 4-(phenylamino)azobenzene. Optical properties of new azobenzene group-containing polystyrene. <i>Journal of Polymer Science Part A</i> , 1998, 36, 2155-2160.	2.5	10
99	N ⁺ H ⁻ Cl Hydrogen Bonded Networks Constructed of a Secondary Thioamide-Based SCS Pincer Palladium Complex. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 646-649.	0.9	10
100	Direct Arylation Polycondensation of Thienothiophenes with Various Dibromoarylenes. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1530-1535.	2.0	10
101	Synthesis of n-type semiconducting polymer consisting of benzodipyrrolidone and thieno-[3,4c]-pyrrole-4,6-dione via C-H direct arylation. <i>Synthetic Metals</i> , 2016, 222, 383-387.	2.1	10
102	Facile access to conjugated polymers under aerobic conditions via Pd-Catalyzed direct arylation and aryl amination polycondensation. <i>Polymer</i> , 2020, 207, 122927.	1.8	10
103	Synthesis of conjugated polymers via direct C-H/C-Cl coupling reactions using a Pd/Cu binary catalytic system. <i>Polymer Chemistry</i> , 2019, 10, 2298-2304.	1.9	9
104	Cross-Coupling Polymerization. <i>Lecture Notes in Quantum Chemistry II</i> , 2014, , 271-301.	0.3	8
105	Aggregation-induced emission behavior of a pincer platinum(II) complex bearing a poly(ethylene oxide) chain in aqueous solution. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 139-142.	0.8	8
106	Delayed Fluorescence Behaviors of Aminopyridine Oligomers: Azacalix[(2,6)pyridines] Tj ETQq0 0.0 rgBT /Qverlock 10	0.7	8
107	Synthesis of conjugated polymer consisting of three-component aromatic units via two-step cross-dehydrogenative-coupling reactions. <i>Synthetic Metals</i> , 2019, 254, 180-183.	2.1	8
108	Step-Economical Synthesis of Conjugated Polymer Materials Composed of Three Components: Donor, Acceptor, and π Units. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000493.	2.0	8

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109	Effect of zinc salts on the spontaneous copolymerization of 4-vinylpyridine with various electron-rich vinyl monomers. <i>Journal of Polymer Science Part A</i> , 1997, 35, 2787-2792.	2.5	7
110	Enwrapping Conjugated Polymer Microspheres with Graphene Oxide Nanosheets. <i>Chemistry Letters</i> , 2016, 45, 1024-1026.	0.7	7
111	Synthesis and characterization of a thermally crosslinkable polyolefin from oleic acid. <i>Journal of Polymer Science Part A</i> , 2019, 57, 85-89.	2.5	7
112	Synthesis of Azine-Based Conjugated Polymers by Metal-Free Dehydration Polycondensation and Characterization of Their Physical Properties. <i>Macromolecules</i> , 2021, 54, 11281-11288.	2.2	7
113	Synthesis of Poly(3-nitropyridine-2,5-diyl) and Poly(3,3'-dinitro-2,2'-bipyridine-5,5'-diyl) and Electrochemical Response. <i>Polymer Journal</i> , 2000, 32, 991-994.	1.3	6
114	Synthesis of an Air-Stable Pd(0) Catalyst Bearing Donor and Acceptor Phosphine Ligands. <i>Organometallics</i> , 2020, 39, 235-238.	1.1	6
115	Synthesis of Pyrrole-Based Poly(arylenevinylene)s via Co-Catalyzed Hydroarylation of Alkynes. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100283.	2.0	6
116	Direct Evidence of the Internal Deterioration Mechanism due to Molecular Chain Ends in Polymer Solar Cells by Operando Spin Detection. <i>ACS Applied Polymer Materials</i> , 2022, 4, 607-617.	2.0	6
117	Preparation and characterization of poly(9-hexylcarbazole-3,6-diylbutadiynylene). <i>Polymer Bulletin</i> , 1997, 39, 453-458.	1.7	5
118	Photoelectrochemical response of poly(3-hexylthiophene) and poly(2,3-diethylquinoxaline-5,8-diyl) in aqueous media. <i>Synthetic Metals</i> , 2011, 161, 1150-1153.	2.1	5
119	Selectivity of Reaction Sites for Direct Arylation Polycondensation in Bithiophene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 622, 14-18.	0.4	5
120	Effect of Purification Solvent on Polymer Impurities and Device Performance. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2083-2088.	2.0	5
121	Postfunctionalization of reactive polyolefins derived from fatty acids. <i>Reactive and Functional Polymers</i> , 2019, 139, 17-24.	2.0	5
122	Fluorescence Switchable Conjugated Polymer Microdisk Arrays by Cosolvent Vapor Annealing. <i>Polymers</i> , 2021, 13, 269.	2.0	5
123	Nonstoichiometric hydroarylation polyaddition for synthesis of pyrrole-based poly(arylenevinylene)s. <i>Polymer Chemistry</i> , 2022, 13, 379-382.	1.9	5
124	Preparation of new redox-active polyionenes with porphyrin units in the main chain. <i>Polymer Bulletin</i> , 1997, 38, 523-530.	1.7	4
125	Oxidative Dehydrogenation Promoted by Cyclometalated Ruthenium Complexes. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2010, 56, 14-23.	0.1	4
126	Emission from Charge-Transfer States in Bulk Heterojunction Organic Photovoltaic Cells Based on Ethylenedioxythiophene-Fluorene Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 620, 107-111.	0.4	4

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127	Photovoltaic Properties of Bithiazole-Based Polymers Synthesized by Direct C-H Arylation. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2016, 29, 347-352.	0.1	4
128	Multi-molecular emission of a cationic Pt(II) complex through hydrogen bonding interactions. Dalton Transactions, 2018, 47, 4087-4092.	1.6	4
129	Physical and electrical characteristics of supramolecular polymer films based on guanosine derivatives modified with tetrathiafulvalene moiety. Polymer Journal, 2012, 44, 946-951.	1.3	3
130	Microwave-assisted polycondensation of 4-octylaniline with dibromoarylene. Journal of Polymer Science Part A, 2015, 53, 536-542.	2.5	3
131	Thioamide-Based Transition Metal Complexes. , 2019, , 157-191.		3
132	Air-stable Pd(0) catalyst bearing dual phosphine ligands: a detailed evaluation of air stability and catalytic property in cross-coupling reactions. Dalton Transactions, 2020, 49, 12814-12819.	1.6	2
133	Facile Synthesis of 1,7-Phenanthroline Derivatives and Evaluation of Their Properties as Hole-Blocking Materials in Organic Light-Emitting Diodes. Bulletin of the Chemical Society of Japan, 2022, 95, 458-465.	2.0	2
134	Reductive Polycondensation of Dialdehydes with Diamines Using Sodium Triacetoxyborohydride. Polymer Journal, 1998, 30, 857-859.	1.3	1
135	S-Methylation of polythiolactam: chemical transformation of macrocyclic anion receptor into new macrocyclic ligand for metal ions. Tetrahedron Letters, 2007, 48, 8603-8606.	0.7	1
136	Hydrogen-bonded dimers of mono-alkylated diketopyrrolopyrroles and their physical properties. Synthetic Metals, 2022, 284, 117007.	2.1	1
137	Polycondensation via Complex-Catalyzed Carbon-Heteroatom Bond Formation. Kobunshi Ronbunshu, 2011, 68, 281-288.	0.2	0
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