Masayuki Wakioka

List of Publications by Year
in descending order

30	1,236	394421 19	477307 29
papers	citations	h-index	g-index

30	30	30	1092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Possibility of Living Radical Polymerization of Vinyl Acetate Catalyzed by Iron(I) Complex1. Macromolecules, 2002, 35, 330-333.	4.8	201
2	A Highly Efficient Catalytic System for Polycondensation of 2,7-Dibromo-9,9-dioctylfluorene and 1,2,4,5-Tetrafluorobenzene via Direct Arylation. Macromolecules, 2013, 46, 370-374.	4.8	137
3	A Highly Efficient Catalyst for the Synthesis of Alternating Copolymers with Thieno[3,4-c]pyrrole-4,6-dione Units via Direct Arylation Polymerization. Macromolecules, 2014, 47, 626-631.	4.8	95
4	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Synthesis of Donorâ€“Acceptor Polymers with Dithienosilole (DTS) and Thienopyrroledione (TPD) Units. Macromolecules, 2015, 48, 2989-2993.	4.8	70
5	Synthesis of Endâ€capped Regioregular Poly(3â€hexylthiophene)s via Direct Arylation. Macromolecular Rapid Communications, 2012, 33, 1203-1207.	3.9	67
6	Highly Efficient Catalysts for Direct Arylation Polymerization (DArP). Asian Journal of Organic Chemistry, 2018, 7, 1206-1216.	2.7	64
7	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Effective Prevention of Structural Defects Using Diamines. Macromolecules, 2016, 49, 3310-3317.	4.8	63
8	Direct Arylation of 2-Methylthiophene with Isolated [PdAr(Î¼-O₂CR)(PPh₃)]_n Complexes: Kinetics and Mechanism. Organometallics, 2012, 31, 4810-4816.	2.3	60
9	Factors Controlling the Reactivity of Heteroarenes in Direct Arylation with Arylpalladium Acetate Complexes. Organometallics, 2013, 32, 4423-4430.	2.3	47
10	Stereocontrolled Synthesis and Characterization ofcis-Poly(arylenevinylene)s. Macromolecules, 2006, 39, 2039-2048.	4.8	46
11	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Highly Selective Synthesis of Ï€-Conjugated Polymers with Diketopyrrolopyrrole Units. Macromolecules, 2017, 50, 927-934.	4.8	46
12	Structural Analysis of Poly(3â€hexylthiophene) Prepared via Direct Heteroarylation Polymerization. Macromolecular Chemistry and Physics, 2016, 217, 1493-1500.	2.2	45
13	Remarkable Ligand Effect of P(2-MeOC₆H₄)₃ on Palladium-Catalyzed Direct Arylation. Organometallics, 2015, 34, 198-205.	2.3	41
14	Synthesis of Donorâ€“Acceptor Polymers Containing Thiazolo[5,4-d]thiazole Units via Palladium-Catalyzed Direct Arylation Polymerization. Macromolecules, 2015, 48, 8382-8388.	4.8	36
15	Stereocontrolled Synthesis and Photoisomerization Behavior of All-Cis and All-Trans Poly(m-phenylenevinylene)s. Macromolecules, 2010, 43, 6980-6985.	4.8	29
16	Effects of PAr₃ Ligands on Direct Arylation of Heteroarenes with Isolated [Pd(2,6-Me₂C₆H₃)(Î¼-O₂CMe)(PAr₃)]₄ Complexes. Organometallics, 2014, 33, 6247-6252.	2.3	28
17	Mechanism of Câ€“P Reductive Elimination fromtrans-[Pd(CHâ•CHPh)Br(PMePh₂)₂]. Organometallics, 2009, 28, 2527-2534.	2.3	23
18	Reaction oftrans-Pd(styryl)Br(PMePh₂)₂with Styryl Bromide Affording 1,4-Diphenylbutadiene. An Unexpected Homocoupling Process Induced by Pâ€“C Reductive Elimination. Organometallics, 2008, 27, 602-608.	2.3	21

#	Article	IF	Citations
19	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Synthesis of Donorâ€“Acceptor Polymers Containing Unsubstituted Bithiophene Units. Macromolecules, 2020, 53, 158-164.	4.8	19
20	Câ€“H Bond Cleavage of Acetonitrile by Iridium Complexes Bearing PNP-Pincer-Type Phosphaalkene Ligands. Organometallics, 2015, 34, 1957-1962.	2.3	18
21	Donorâ€“Acceptor Polymers Containing 4,8-Dithienylbenzo[1,2-b:4,5-bâ€²]dithiophene via Highly Selective Direct Arylation Polymerization. ACS Applied Polymer Materials, 2021, 3, 830-836.	4.4	17
22	Synthesis of a 1,2-Dithienylethene-Containing Donor-Acceptor Polymer via Palladium-Catalyzed Direct Arylation Polymerization (DArP). Molecules, 2018, 23, 981.	3.8	16
23	A Highly Selective Catalytic System for the Cross-Coupling of (E)-Styryl Bromide with Benzeneboronic Acid: Application to the Synthesis of All-Trans Poly(arylenevinylene)s. Bulletin of the Chemical Society of Japan, 2009, 82, 1292-1298.	3.2	15
24	A Nearâ€Infrared Emissive Ï€â€Conjugated Polymer Consisting of an Excitedâ€State Intramolecular Proton Transfer Unit. Asian Journal of Organic Chemistry, 2020, 9, 1326-1332.	2.7	15
25	Substituent Effects on Pâ€“C Reductive Elimination from Styrylpalladium(II) Phosphine Complexes. Organometallics, 2010, 29, 5570-5578.	2.3	7
26	1,8-Disubstituted Xanthylidene-Based Remote Carbenes: Photolytic Generation and Isolation of Low-Coordinate Palladium(II) Complex. European Journal of Inorganic Chemistry, 2015, 2015, 534-541.	2.0	5
27	The Effects of Primary Structures on Photo-Induced Insolubilization of All-Cis Poly(p-phenylenevinylene)s in Thin Films. Bulletin of the Chemical Society of Japan, 2009, 82, 1533-1537.	3.2	2
28	Formation of trans-Poly(thienylenevinylene) Thin Films by Solid-State Thermal Isomerization. Chemistry of Materials, 2021, 33, 5631-5638.	6.7	2
29	Development of Palladium-Catalyzed Direct Arylation Polymerization (DArP). Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 810-820.	0.1	1
30	Structure-Controlled Synthesis of .Pi.-Conjugated Polymers by Means of Transition-Metal Catalysts. Nippon Gomu Kyokaishi, 2008, 81, 431-437.	0.0	0