

Masayuki Wakioka

List of Publications by Citations

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30
ext. papers

1,149
ext. citations

4.4
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4.62
L-index

#	Paper	IF	Citations
30	Possibility of Living Radical Polymerization of Vinyl Acetate Catalyzed by Iron(I) Complex 1. <i>Macromolecules</i> , 2002 , 35, 330-333	5.5	188
29	A Highly Efficient Catalytic System for Polycondensation of 2,7-Dibromo-9,9-dioctylfluorene and 1,2,4,5-Tetrafluorobenzene via Direct Arylation. <i>Macromolecules</i> , 2013 , 46, 370-374	5.5	122
28	A Highly Efficient Catalyst for the Synthesis of Alternating Copolymers with Thieno[3,4-c]pyrrole-4,6-dione Units via Direct Arylation Polymerization. <i>Macromolecules</i> , 2014 , 47, 626-631	5.5	89
27	Synthesis of end-capped regioregular poly(3-hexylthiophene)s via direct arylation. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 1203-7	4.8	65
26	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Synthesis of Donor-Acceptor Polymers with Dithienosilole (DTS) and Thienopyrroledione (TPD) Units. <i>Macromolecules</i> , 2015 , 48, 2989-2993	5.5	60
25	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Effective Prevention of Structural Defects Using Diamines. <i>Macromolecules</i> , 2016 , 49, 3310-3317	5.5	54
24	Direct Arylation of 2-Methylthiophene with Isolated [PdAr(EO ₂ CR)(PPh ₃)] _n Complexes: Kinetics and Mechanism. <i>Organometallics</i> , 2012 , 31, 4810-4816	3.8	53
23	Factors Controlling the Reactivity of Heteroarenes in Direct Arylation with Arylpalladium Acetate Complexes. <i>Organometallics</i> , 2013 , 32, 4423-4430	3.8	44
22	Stereocontrolled Synthesis and Characterization of cis-Poly(arylenevinylene)s. <i>Macromolecules</i> , 2006 , 39, 2039-2048	5.5	43
21	Structural Analysis of Poly(3-hexylthiophene) Prepared via Direct Heteroarylation Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 1493-1500	2.6	42
20	Highly Efficient Catalysts for Direct Arylation Polymerization (DARP). <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1206-1216	3	42
19	Remarkable Ligand Effect of P(2-MeOC ₆ H ₄) ₃ on Palladium-Catalyzed Direct Arylation. <i>Organometallics</i> , 2015 , 34, 198-205	3.8	35
18	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Highly Selective Synthesis of Conjugated Polymers with Diketopyrrolopyrrole Units. <i>Macromolecules</i> , 2017 , 50, 927-934	5.5	34
17	Synthesis of Donor-Acceptor Polymers Containing Thiazolo[5,4-d]thiazole Units via Palladium-Catalyzed Direct Arylation Polymerization. <i>Macromolecules</i> , 2015 , 48, 8382-8388	5.5	31
16	Effects of PAR ₃ Ligands on Direct Arylation of Heteroarenes with Isolated [Pd(2,6-Me ₂ C ₆ H ₃)(EO ₂ CMe)(PAR ₃) ₄ Complexes. <i>Organometallics</i> , 2014 , 33, 6247-6252	3.8	28
15	Stereocontrolled Synthesis and Photoisomerization Behavior of All-Cis and All-Trans Poly(m-phenylenevinylene)s. <i>Macromolecules</i> , 2010 , 43, 6980-6985	5.5	27
14	Mechanism of C ^β Reductive Elimination from trans-[Pd(CH ₂ CHPh)Br(PMePh ₂) ₂]. <i>Organometallics</i> , 2009 , 28, 2527-2534	3.8	22

13	Reaction of trans-Pd(styryl)Br(PMePh ₂) ₂ with Styryl Bromide Affording 1,4-Diphenylbutadiene. An Unexpected Homocoupling Process Induced by Pd Reductive Elimination. <i>Organometallics</i> , 2008 , 27, 602-608	3.8	19
12	C≡C Bond Cleavage of Acetonitrile by Iridium Complexes Bearing PNP-Pincer-Type Phosphaalkene Ligands. <i>Organometallics</i> , 2015 , 34, 1957-1962	3.8	15
11	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. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 1292-1298	5.1	14
10	Synthesis of a 1,2-Dithienylethene-Containing Donor-Acceptor Polymer via Palladium-Catalyzed Direct Arylation Polymerization (DAP). <i>Molecules</i> , 2018 , 23,	4.8	13
9	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Synthesis of Donor-Acceptor Polymers Containing Unsubstituted Bithiophene Units. <i>Macromolecules</i> , 2020 , 53, 158-164	5.5	13
8	A Near-Infrared Emissive π-Conjugated Polymer Consisting of an Excited-State Intramolecular Proton Transfer Unit. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1326-1332	3	8
7	Substituent Effects on Pd Reductive Elimination from Styrylpalladium(II) Phosphine Complexes. <i>Organometallics</i> , 2010 , 29, 5570-5578	3.8	7
6	Donor-Acceptor Polymers Containing 4,8-Dithienylbenzo[1,2-b:4,5-b']dithiophene via Highly Selective Direct Arylation Polymerization. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 830-836	4.3	6
5	1,8-Disubstituted Xanthylidene-Based Remote Carbenes: Photolytic Generation and Isolation of Low-Coordinate Palladium(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 534-541	2.3	5
4	The Effects of Primary Structures on Photo-Induced Insolubilization of All-Cis Poly(p-phenylenevinylene)s in Thin Films. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 1533-1537	5.1	2
3	Development of Palladium-Catalyzed Direct Arylation Polymerization (DAP). <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017 , 75, 810-820	0.2	1
2	Formation of trans-Poly(thienylenevinylene) Thin Films by Solid-State Thermal Isomerization. <i>Chemistry of Materials</i> , 2021 , 33, 5631-5638	9.6	1
1	Structure-Controlled Synthesis of π-Conjugated Polymers by Means of Transition-Metal Catalysts. <i>Nippon Gomu Kyokaishi</i> , 2008 , 81, 431-437	0	