

Masayuki Wakioka

List of Publications by Year in descending order

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30
papers

1,236
citations

430442

18
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Possibility of Living Radical Polymerization of Vinyl Acetate Catalyzed by Iron(I) Complex. <i>Macromolecules</i> , 2002, 35, 330-333.	2.2	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. <i>Macromolecules</i> , 2013, 46, 370-374.	2.2	137
3	A Highly Efficient Catalyst for the Synthesis of Alternating Copolymers with Thieno[3,4- <i>c</i>]pyrrole-4,6-dione Units via Direct Arylation Polymerization. <i>Macromolecules</i> , 2014, 47, 626-631.	2.2	95
4	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Synthesis of Donor- π -Acceptor Polymers with Dithienosilole (DTS) and Thienopyrroledione (TPD) Units. <i>Macromolecules</i> , 2015, 48, 2989-2993.	2.2	70
5	Synthesis of End-Capped Regioregular Poly(3-hexylthiophene)s via Direct Arylation. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1203-1207.	2.0	67
6	Highly Efficient Catalysts for Direct Arylation Polymerization (DAP). <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1206-1216.	1.3	64
7	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Effective Prevention of Structural Defects Using Diamines. <i>Macromolecules</i> , 2016, 49, 3310-3317.	2.2	63
8	Direct Arylation of 2-Methylthiophene with Isolated [PdAr(η^4 -O ₂ CR)(PPh ₃) ₂] _n Complexes: Kinetics and Mechanism. <i>Organometallics</i> , 2012, 31, 4810-4816.	1.1	60
9	Factors Controlling the Reactivity of Heteroarenes in Direct Arylation with Arylpalladium Acetate Complexes. <i>Organometallics</i> , 2013, 32, 4423-4430.	1.1	47
10	Stereocontrolled Synthesis and Characterization of cis-Poly(arylenevinylene)s. <i>Macromolecules</i> , 2006, 39, 2039-2048.	2.2	46
11	Mixed-Ligand Approach to Palladium-Catalyzed Direct Arylation Polymerization: Highly Selective Synthesis of π -Conjugated Polymers with Diketopyrrolopyrrole Units. <i>Macromolecules</i> , 2017, 50, 927-934.	2.2	46
12	Structural Analysis of Poly(3-hexylthiophene) Prepared via Direct Heteroarylation Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1493-1500.	1.1	45
13	Remarkable Ligand Effect of P(2-MeOC ₆ H ₄) ₃ on Palladium-Catalyzed Direct Arylation. <i>Organometallics</i> , 2015, 34, 198-205.	1.1	41
14	Synthesis of Donor- π -Acceptor Polymers Containing Thiazolo[5,4-d]thiazole Units via Palladium-Catalyzed Direct Arylation Polymerization. <i>Macromolecules</i> , 2015, 48, 8382-8388.	2.2	36
15	Stereocontrolled Synthesis and Photoisomerization Behavior of All-Cis and All-Trans Poly(<i>m</i> -phenylenevinylene)s. <i>Macromolecules</i> , 2010, 43, 6980-6985.	2.2	29
16	Effects of PAr ₃ Ligands on Direct Arylation of Heteroarenes with Isolated [Pd(2,6-Me ₂ C ₆ H ₃)(η^4 -O ₂ CMe)(PAr ₃) ₄] _n Complexes. <i>Organometallics</i> , 2014, 33, 6247-6252.		28
17	Mechanism of C ⁺ P Reductive Elimination from <i>trans</i> -[Pd(CH ₂ CHPh)Br(PMePh ₂) ₂]. <i>Organometallics</i> , 2009, 28, 2527-2534.	1.1	23
18	Reaction of <i>trans</i> -Pd(styryl)Br(PMePh ₂) ₂ with Styryl Bromide Affording 1,4-Diphenylbutadiene. An Unexpected Homocoupling Process Induced by P ⁺ C Reductive Elimination. <i>Organometallics</i> , 2008, 27, 602-608.	1.1	21

#	ARTICLE	IF	CITATIONS
19	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.	2.2	19
20	C–H Bond Cleavage of Acetonitrile by Iridium Complexes Bearing PNP-Pincer-Type Phosphaalkene Ligands. <i>Organometallics</i> , 2015, 34, 1957-1962.	1.1	18
21	Donor–Acceptor Polymers Containing 4,8-Dithienylbenzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene via Highly Selective Direct Arylation Polymerization. <i>ACS Applied Polymer Materials</i> , 2021, 3, 830-836.	2.0	17
22	Synthesis of a 1,2-Dithienylethene-Containing Donor-Acceptor Polymer via Palladium-Catalyzed Direct Arylation Polymerization (DAP). <i>Molecules</i> , 2018, 23, 981.	1.7	16
23	A Highly Selective Catalytic System for the Cross-Coupling of <i>E</i> -Styryl Bromide with Benzenboronic Acid: Application to the Synthesis of All-Trans Poly(arylenevinylene)s. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1292-1298.	2.0	15
24	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.	1.3	15
25	Substituent Effects on β -C Reductive Elimination from Styrylpalladium(II) Phosphine Complexes. <i>Organometallics</i> , 2010, 29, 5570-5578.	1.1	7
26	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.	1.0	5
27	The Effects of Primary Structures on Photo-Induced Insolubilization of All-Cis Poly(<i>p</i> -phenylenevinylene)s in Thin Films. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1533-1537.	2.0	2
28	Formation of <i>trans</i> -Poly(thienylenevinylene) Thin Films by Solid-State Thermal Isomerization. <i>Chemistry of Materials</i> , 2021, 33, 5631-5638.	3.2	2
29	Development of Palladium-Catalyzed Direct Arylation Polymerization (DAP). <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017, 75, 810-820.	0.0	1
30	Structure-Controlled Synthesis of .PI.-Conjugated Polymers by Means of Transition-Metal Catalysts. <i>Nippon Gomu Kyokaiishi</i> , 2008, 81, 431-437.	0.0	0