Atsushi Kimoto

List of Publications by Year
in descending order

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33	683	623734	552781
papers	citations	14 h-index	26 g-index

34	34	34	619
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of π-Conjugated Polymer Complexes and Their Application to Organic Electronics. Kobunshi Ronbunshu, 2017, 74, 410-418.	0.2	0
2	Design and synthesis of an amphiphilic graft hydrogel having a hydrophobic domain formed by multiple interactions. Materials Science and Engineering C, 2016, 68, 65-69.	7.3	4
3	Synthesis of Amphiphilic Polymer Gels Containing Poly(trimethylene carbonate) Segments and Evaluation of Its Molecular Incorporation Properties. Transactions of the Materials Research Society of Japan, 2016, 41, 297-300.	0.2	1
4	Characterization of Temperature-Responsive Graft Copolymer with Polycarbonate Oligo Segment. Transactions of the Materials Research Society of Japan, 2015, 40, 271-274.	0.2	0
5	Excited-state dynamics of thiophene substituted betaine pyridinium compounds. Physical Chemistry Chemical Physics, 2014, 16, 1460-1468.	2.8	10
6	Dimple Morphology Formation on Non-woven Fabric by Fluorinated Polymers for Tunable Surface Wettability. Transactions of the Materials Research Society of Japan, 2014, 39, 251-254.	0.2	0
7	Donorâ€Acceptor Type Ï€â€Conjugated Copolymers Based on Soluble Benzodifuranone. Macromolecular Symposia, 2014, 346, 36-42.	0.7	3
8	Donorâ€“Acceptor-Type Low Bandgap Polymer Carrying Phenylazomethine Moiety as a Metal-Collecting Pendant Unit: Open-Circuit Voltage Modulation of Solution-Processed Organic Photovoltaic Devices Induced by Metal Complexation. ACS Macro Letters, 2012, 1, 667-671.	4.8	8
9	Synthesis and characterization of poly(tetramethylsilarylenesiloxane) derivatives bearing diphenylfluorene or diphenyldibenzosilole moieties. Polymer Journal, 2011, 43, 58-65.	2.7	11
10	Optical and electronic properties of siloxane-bridged cyclic dimers with naphthylene or pyrenylene moieties. Tetrahedron, 2010, 66, 8012-8017.	1.9	25
11	Electron spin resonance observation of field-induced charge carriers in ultrathin-film transistors of regioregular poly(3-hexylthiophene) with controlled in-plane chain orientation. Applied Physics Letters, 2010, 96, .	3.3	50
12	Fast Photochromic Polymers Carrying [2.2]Paracyclophane-Bridged Imidazole Dimer. Macromolecules, 2010, 43, 3764-3769.	4.8	32
13	Remarkable Acceleration for Back-Reaction of a Fast Photochromic Molecule. Journal of Physical Chemistry Letters, 2010, 1, 1112-1115.	4.6	50
14	Formation of photoresponsive gold nanoparticle networks via click chemistry. Photochemical and Photobiological Sciences, 2010, 9, 152-156.	2.9	11
15	Synthesis of Novel Poly(tetramethyl-2,7-silpyrenylenesiloxane) and Its Thermal and Optical Properties. Polymer Journal, 2009, 41, 584-585.	2.7	11
16	Synthesis and properties of optically functionalized polythiophene having porphyrin side-chain. Synthetic Metals, 2009, 159, 880-884.	3.9	5
17	Formation of hexaarylbiimidazole heterodimers via the cross recombination of two lophyl radicals. New Journal of Chemistry, 2009, 33, 1339.	2.8	14
18	The Synthesis and Properties of Carbazoleâ^'Phenylazomethine Double Layer-Type Dendrimers. Macromolecules, 2008, 41, 3793-3800.	4.8	51

#	Article	IF	Citations
19	Organic Light-Emitting Diodes with Hole-Transporting Material Having Metal Collecting Sites. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2008, 21, 181-182.	0.3	4
20	Novel Functional Groups with Fine-Controlled Metal Assembling Function. Bulletin of the Chemical Society of Japan, 2005, 78, 349-355.	3.2	37
21	Synthesis of Diphenylamine-Substituted Phenylazomethine Dendrimers and the Performance of Organic Light-Emitting Diodes. Macromolecular Chemistry and Physics, 2005, 206, 635-641.	2.2	38
22	Synthesis and Hole-Transporting Property of a Novel Poly(N-vinylcarbazole) Copolymer with Metal-Coordination Sites. Macromolecular Chemistry and Physics, 2005, 206, 1928-1933.	2.2	2
23	Novel Hole-Transport Material for Efficient Polymer Light-Emitting Diodes by Photoreaction. Macromolecular Rapid Communications, 2005, 26, 597-601.	3.9	50
24	Synthesis and Electroluminescence Properties of Novel Main Chain Poly(p-phenylenevinylene)s Possessing Pendant Phenylazomethine Dendrons as Metal Ligation Sites. Chemistry of Materials, 2004, 16, 5706-5712.	6.7	27
25	Novel Poly(p-phenylenevinylene)s with a Phenylazomethine Dendron as a Metal-Collecting Site.. ChemInform, 2004, 35, no.	0.0	0
26	Novel Poly(p-phenylenevinylene)s with a Phenylazomethine Dendron as a Metal-Collecting Site. Organic Letters, 2004, 6, 1179-1182.	4.6	15
27	Synthesis of Asymmetrically Arranged Dendrimers with a Carbazole Dendron and a Phenylazomethine Dendron. Macromolecules, 2004, 37, 5531-5537.	4.8	144
28	Novel carbazole dendrimers having a metal coordination site as a unique hole-transport material. Macromolecular Symposia, 2004, 209, 51-66.	0.7	17
29	Synthesis of Novel Carbazole Dendrimers Having a Metal Coordination Site.. ChemInform, 2003, 34, no.	0.0	0
30	Electroluminescence Device with Novel Hole-transporting Materials Having Metal Collecting Sites 2. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2003, 16, 295-296.	0.3	3
31	Electroluminescence Device with Novel Hole-transporting Materials Having Metal Collecting Sites 1. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2003, 16, 293-294.	0.3	4
32	Synthesis of Novel Carbazole Dendrimers Having a Metal Coordination Site. Chemistry Letters, 2003, 32, 674-675.	1.3	8
33	Selective Synthesis of Novel Cyclic Phenylazomethine Trimers. Journal of Organic Chemistry, 2000, 65, 5680-5684.	3.2	48