Joji Ohshita

List of Publications by Year
in descending order

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456	11,532	36203	69108
papers	citations	51 h-index	77 g-index

502	502	502	6585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dyeâ€Sensitized Solar Cells Based On Donorâ€“Acceptor Ï€â€Conjugated Fluorescent Dyes with a Pyridine Ring as an Electronâ€Withdrawing Anchoring Group. Angewandte Chemie - International Edition, 2011, 50, 7429-7433.	7.2	233
2	CO2Incorporation Reaction Using Arynes:Â Straightforward Access to Benzoxazinone. Journal of the American Chemical Society, 2006, 128, 11040-11041.	6.6	231
3	Copperâ€Catalyzed Borylation Reactions of Alkynes and Arynes. Angewandte Chemie - International Edition, 2012, 51, 235-238.	7.2	181
4	Conjugated Oligomers and Polymers Containing Dithienosilole Units. Macromolecular Chemistry and Physics, 2009, 210, 1360-1370.	1.1	155
5	Aryne, ortho-Quinone Methide, and ortho-Quinodimethane: Synthesis of Multisubstituted Arenes Using the Aromatic Reactive Intermediates. Bulletin of the Chemical Society of Japan, 2010, 83, 199-219.	2.0	154
6	Synthesis and Optical, Electrochemical, and Electron-Transporting Properties of Silicon-Bridged Bithiophenes. Organometallics, 1999, 18, 1453-1459.	1.1	153
7	Facile insertion reaction of arynes into carbonâ€“carbon Ï*f*-bonds. Chemical Communications, 2005, , 3292.	2.2	135
8	Arynes in a Three-Component Coupling Reaction: Straightforward Synthesis of Benzoannulated Iminofurans. Angewandte Chemie - International Edition, 2004, 43, 3935-3938.	7.2	134
9	A 2:1 Coupling Reaction of Arynes with Aldehydes viao-Quinone Methides:â€‰ Straightforward Synthesis of 9-Arylxanthenes. Organic Letters, 2004, 6, 4049-4051.	2.4	127
10	Dyeâ€Sensitized Solar Cells Based on Donorâ€Ï€â€Acceptor Fluorescent Dyes with a Pyridine Ring as an Electronâ€Withdrawingâ€Injecting Anchoring Group. Chemistry - A European Journal, 2011, 17, 14837-14843.	1.7	126
11	Base-free oxidative homocoupling of arylboronic esters. Tetrahedron Letters, 2003, 44, 1541-1544.	0.7	123
12	Three-component coupling using arynes and DMF: straightforward access to coumarins via ortho-quinone methides. Chemical Communications, 2011, 47, 8512.	2.2	121
13	Effects of Conjugated Substituents on the Optical, Electrochemical, and Electron-Transporting Properties of Dithienosiloles. Organometallics, 2001, 20, 4800-4805.	1.1	114
14	Threeâ€Component Coupling of Arynes and Organic Bromides. Angewandte Chemie - International Edition, 2011, 50, 9676-9679.	7.2	112
15	Palladium-Catalyzed Bissilylation of Arynes with Cyclic Disilanes:â€‰ Synthesis of Benzo-Annulated Disilacarbocycles. Journal of the American Chemical Society, 2003, 125, 6638-6639.	6.6	104
16	Polymers with alternating organosilicon and Ï€-conjugated units. Acta Polymerica, 1998, 49, 379-403.	1.4	103
17	Distannylation of Strained Carbonâ€“Carbon Triple Bonds Catalyzed by a Palladium Complex. Angewandte Chemie - International Edition, 2004, 43, 5052-5055.	7.2	102
18	Direct Access to Anthranilic Acid Derivatives via CO₂ Incorporation Reaction Using Arynes. Organic Letters, 2008, 10, 3845-3847.	2.4	102

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19	Synthesis and reactions of (E)-1,4-bis(silyl)-substituted enynes. Journal of Organic Chemistry, 1990, 55, 3277-3280.	1.7	101
20	Electrochemical reduction of graphene oxide in organic solvents. Electrochimica Acta, 2011, 56, 5363-5368.	2.6	88
21	Dye-sensitized solar cells based on Dâ€“Ï€â€“A fluorescent dyes with two pyridyl groups as an electron-withdrawingâ€“injecting anchoring group. Chemical Communications, 2013, 49, 2548.	2.2	88
22	Polymeric organosilicon systems. 10. Synthesis and conducting properties of poly[2,5-(disilanylene)thienylenes]. Macromolecules, 1991, 24, 2106-2107.	2.2	87
23	Aryne insertion into Î±-cyanocarbonyl compounds: direct introduction of carbonyl and cyanomethyl moieties into the aromatic skeletons. Tetrahedron Letters, 2005, 46, 6729-6731.	0.7	84
24	Synthesis and properties of dithienosiloles. Journal of Organometallic Chemistry, 1998, 553, 487-491.	0.8	81
25	Straightforward construction of diarylmethane skeletons via aryne insertion into carbonâ€“carbon Ïƒ-bonds. Chemical Communications, 2007, , 1505-1507.	2.2	79
26	Polymeric Organosilicon Systems. 26. Synthesis and Photochemical and Conducting Properties of Poly[(tetraethyldisilanylene)oligo(2,5-thienylenes)]. Organometallics, 1996, 15, 2000-2008.	1.1	78
27	Platinum-catalysed diborylation of arynes: synthesis and reaction of 1,2-diborylarenes. Chemical Communications, 2010, 46, 1763.	2.2	77
28	Platinum-catalyzed reactions of 3,4-benzo-1,1,2,2-tetraethyl-1,2-disilacyclobut-3-ene. Organometallics, 1993, 12, 4987-4992.	1.1	76
29	Doping-induced change of carrier mobilities in poly(3-hexylthiophene) films with different stacking structures. Chemical Physics Letters, 2002, 364, 616-620.	1.2	76
30	Synthesis of Dithienogermole-Containing Ï€-Conjugated Polymers and Applications to Photovoltaic Cells. Organometallics, 2011, 30, 3233-3236.	1.1	76
31	Straightforward access to 2-iminoisoindolines via three-component coupling of arynes, isocyanides and imines. Tetrahedron Letters, 2004, 45, 8659-8662.	0.7	74
32	Three-Component Coupling of Arynes, Aminosilanes, and Aldehydes. Organic Letters, 2007, 9, 3367-3370.	2.4	74
33	Photovoltaic performance of dye-sensitized solar cells based on Dâ€“Ï€â€“A type BODIPY dye with two pyridyl groups. New Journal of Chemistry, 2013, 37, 2479.	1.4	74
34	Three-component coupling using arynes and isocyanides: straightforward access to benzo-annulated nitrogen or oxygen heterocycles. Tetrahedron, 2007, 63, 4793-4805.	1.0	70
35	Lewis-Acid Sites of TiO₂ Surface for Adsorption of Organic Dye Having Pyridyl Group as Anchoring Unit. Journal of Physical Chemistry C, 2013, 117, 16364-16370.	1.5	70
36	New Insights into the Microstructure-Separation Properties of Organosilica Membranes with Ethane, Ethylene, and Acetylene Bridges. ACS Applied Materials & Interfaces, 2014, 6, 9357-9364.	4.0	69

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37	Molecular design and synthesis of fluorescence PET (photo-induced electron transfer) sensors for detection of water in organic solvents. RSC Advances, 2013, 3, 23255.	1.7	68
38	Aminosilylation of arynes with aminosilanes: synthesis of 2-silylaniline derivatives. Chemical Communications, 2005, , 3454.	2.2	65
39	Gas permeation properties for organosilica membranes with different Si/C ratios and evaluation of microporous structures. AICHE Journal, 2017, 63, 4491-4498.	1.8	65
40	Fluorenes as new molecular scaffolds for carbonâ€“carbon Ïƒ-bond cleavage reaction: acylfluorenylation of arynes. Chemical Communications, 2008, , 5963.	2.2	64
41	Synthesis of Ï€-Conjugated Oligomers Containing Dithienosilole Units. Organometallics, 2006, 25, 1511-1516.	1.1	63
42	Synthesis of Dithienobismoles as Novel Phosphorescence Materials. Organometallics, 2010, 29, 3239-3241.	1.1	61
43	Thiostannylation of arynes with stannyl sulfides: synthesis and reaction of 2-(arylthio)arylstannanesElectronic supplementary information (ESI) available: experimental section. See http://www.rsc.org/suppdata/cc/b4/b405883f/. Chemical Communications, 2004, , 1980.	2.2	59
44	Silicon-carbon unsaturated compounds. 34. The formation of bis(trimethylsilyl)silenes from acyltris(trimethylsilyl)silanes via a Peterson-type reaction. Organometallics, 1991, 10, 3775-3776.	1.1	57
45	Copper-catalysed bromoalkynylation of arynes. Chemical Communications, 2010, 46, 640-642.	2.2	57
46	Three-Component Coupling Using Arynes and Aminosilanes for ortho-Selective Double Functionalization of Aromatic Skeletons. Journal of Organic Chemistry, 2008, 73, 5452-5457.	1.7	55
47	Silicon-carbon unsaturated compounds. 22. The formation and reactions of a nickelasilacyclobutene. Journal of the American Chemical Society, 1986, 108, 7417-7419.	6.6	54
48	Polymeric Organosilicon Systems. 22. Synthesis and Photochemical Properties of Poly[(disilanylene)oligophenylylenes] and Poly[(silylene)biphenylylenes]. Organometallics, 1994, 13, 5002-5012.	1.1	54
49	Insertion of arynes into carbonâ€“halogen Ïƒ-bonds: regioselective acylation of aromatic rings. Chemical Communications, 2007, , 2405-2407.	2.2	54
50	Influences of Self-Assembled Structure on Mobilities of Charge Carriers in Ï€-Conjugated Polymers. Journal of Physical Chemistry B, 2005, 109, 221-229.	1.2	53
51	Synthesis of Polymers with Alternating Organosilanylene and Oligothienylene Units and Their Optical, Conducting, and Hole-Transporting Properties. Organometallics, 2000, 19, 4492-4498.	1.1	51
52	Development of highly-sensitive fluorescence PET (photo-induced electron transfer) sensor for water: anthraceneâ€“boronic acid ester. RSC Advances, 2014, 4, 25330.	1.7	50
53	Copper-Catalyzed 2:1 Coupling Reaction of Arynes with Alkynes. Organic Letters, 2009, 11, 373-376.	2.4	48
54	Addition of Siliconâ^'Silicon Ïƒ-Bonds to Arynes or Bisarynes Catalyzed by a Palladium Complex. Organometallics, 2005, 24, 156-162.	1.1	47

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55	Polymeric organosilicon systems. 11. Synthesis and some properties of poly(disilanylenebutenyne-1,4-diyls) and poly[(methylphenylsilylene)butenyne-1,4-diyl]. Macromolecules, 1992, 25, 2134-2140.	2.2	46
56	Tailoring the Affinity of Organosilica Membranes by Introducing Polarizable Ethenylene Bridges and Aqueous Ozone Modification. ACS Applied Materials & Interfaces, 2013, 5, 6147-6154.	4.0	46
57	Development of a Dâ€“Ï€â€“A dye with benzothienopyridine as the electron-withdrawing anchoring group for dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 3293-3296.	5.2	46
58	Silicon-carbon unsaturated compounds. 24. Some reactions of a nickelasilacyclobutene. Organometallics, 1989, 8, 2050-2054.	1.1	44
59	Polymeric Organosilicon Systems. 27. Preparation and Reactions of Poly[(ethoxysilylene)phenylenes] and Thermal Properties of the Resulting Polymers. Macromolecules, 1997, 30, 1540-1549.	2.2	44
60	Carbophosphinylation of Arynes with Cyanomethyldiphenylphosphine Oxide. Chemistry Letters, 2005, 34, 1538-1539.	0.7	44
61	Synthesis of Bis(diarylphosphino)dithienosilole Derivatives as Novel Photo- and Electroluminescence Materials. Organometallics, 2007, 26, 6591-6595.	1.1	44
62	Hybrid conjugated polymers with alternating dithienosilole or dithienogermole and tricoordinate boron units. Polymer Chemistry, 2018, 9, 291-299.	1.9	44
63	Synthesis and properties of organosilicon polymers containing 9,10-diethynylanthracene units with highly hole-transporting properties. Journal of Organometallic Chemistry, 1999, 592, 52-60.	0.8	43
64	Pervaporation removal of methanol from methanol/organic azeotropes using organosilica membranes: Experimental and modeling. Journal of Membrane Science, 2020, 610, 118284.	4.1	43
65	Synthesis of Siloles Condensed with Benzothiophene and Indole Rings. Organometallics, 2004, 23, 5622-5625.	1.1	42
66	Palladium-catalysed dimerisationâ€“distannylation of arynes: synthesis and reaction of 2,2â€²-distannylbiaryls. Chemical Communications, 2005, , 5678.	2.2	42
67	Synthesis of siliconâ€bridged polythiophene derivatives and their applications to EL device materials. Journal of Polymer Science Part A, 2007, 45, 4588-4596.	2.5	42
68	Aryne reaction with trifluoromethyl ketones in three modes: Câ€“C bond cleavage, [2+2] cycloaddition and O-arylation. Chemical Communications, 2011, 47, 8664.	2.2	42
69	Highly sensitive fluorescence PET (photo-induced electron transfer) sensor for water based on anthraceneâ€“bisboronic acid ester. RSC Advances, 2012, 2, 7666.	1.7	42
70	Facile preparation of a soluble polymer containing polyhedral oligomeric silsesquioxane units in its main chain. Polymer Chemistry, 2015, 6, 3039-3045.	1.9	42
71	A BODIPY sensor for water based on a photo-induced electron transfer method with fluorescence enhancement and attenuation systems. New Journal of Chemistry, 2016, 40, 7278-7281.	1.4	42
72	Site-specific fragmentation following Si:2p core-level photoionization of F3SiCH2CH2Si(CH3)3 condensed on a Au surface. Journal of Chemical Physics, 1997, 107, 10751-10755.	1.2	41

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73	Synthesis of Novel Spiro-condensed Dithienosiloles and the Application to Organic FET. Chemistry Letters, 2004, 33, 892-893.	0.7	41
74	Siliconâ"Carbon Unsaturated Compounds. 55. Synthesis and Reactions of Lithium Silenolates, Silicon Analogs of Lithium Enolates. Organometallics, 1996, 15, 3136-3146.	1.1	40
75	Selective synthesis of halosilanes from hydrosilanes and utilization for organic synthesis. Journal of Organometallic Chemistry, 2003, 686, 3-15.	0.8	40
76	Preparation of imidazolium-type ionic liquids containing silsesquioxane frameworks and their thermal and ion-conductive properties. RSC Advances, 2015, 5, 15226-15232.	1.7	40
77	Fluorescence sensor for water based on PET (photo-induced electron transfer): Anthracene-bis(aminomethyl)phenylboronic acid ester. Dyes and Pigments, 2015, 123, 248-253.	2.0	40
78	Silicon-carbon unsaturated compounds. 45. Reaction of benzoyltris(trimethylsilyl)silane with aryllithium reagents. Organometallics, 1993, 12, 876-879.	1.1	39
79	Synthesis of Group 14 Dipyridinometalloles with Enhanced Electron-Deficient Properties and Solid-State Phosphorescence. Organometallics, 2014, 33, 517-521.	1.1	39
80	Synthesis and Properties of Benzofuran-Fused Silole and Germole Derivatives: Reversible Dimerization and Crystal Structures of Monomers and Dimers. Organometallics, 2016, 35, 2327-2332.	1.1	39
81	Development of hydrogen-selective triphenylmethoxysilane-derived silica membranes with tailored pore size by chemical vapor deposition. Journal of Membrane Science, 2016, 499, 28-35.	4.1	39
82	Preparation of Poly(silylene-p-phenylene)s Containing a Pendant Fluorophor and Their Applications to PL Imaging. Macromolecules, 2005, 38, 730-735.	2.2	38
83	Development of Dâ€"Ï€â€"Cat fluorescent dyes with a catechol group for dye-sensitized solar cells based on dye-to-TiO2 charge transfer. Journal of Materials Chemistry A, 2014, 2, 8500.	5.2	38
84	Ionic fragmentation processes following silicon:2p core level photoexcitation and photoionization of 1,1,1-trimethyltrichlorodisilane. The Journal of Physical Chemistry, 1993, 97, 1488-1495.	2.9	37
85	Silicon-carbon unsaturated compounds.. Journal of Organometallic Chemistry, 1994, 473, 15-17.	0.8	37
86	Polymeric Organosilicon Systems. 28. Preparation and Properties of Novel Ïƒâ"Ï€ Conjugated Polymers with Alternating Disilanylene and 2,5-Diethynylenesilole Units in the Backbone. Macromolecules, 1998, 31, 7985-7987.	2.2	37
87	Absorption, emission and reaction kinetics of dimethylsilylene. Chemical Physics Letters, 1988, 143, 225-229.	1.2	36
88	Siliconâ"Carbon Unsaturated Compounds. 61. Reactions of Silenes Produced Thermally from Acylpolysilanes with (Trimethylsilyl)acetylene. Organometallics, 1996, 15, 5759-5761.	1.1	36
89	Multilayer electroluminescent device using organosilicon polymer as hole transport layer. Synthetic Metals, 1997, 91, 333-334.	2.1	36
90	Facile Synthesis of Polycyclic Aromatic Hydrocarbons via a Trisaryne Equivalent. Chemistry Letters, 2005, 34, 56-57.	0.7	36

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91	Pore-size-controlled silica membranes with disiloxane alkoxides for gas separation. Journal of Membrane Science, 2011, 383, 152-158.	4.1	36
92	Tetraphenyletheneâ€“ and diphenyldibenzofulveneâ€“anthracene-based fluorescence sensors possessing photo-induced electron transfer and aggregation-induced emission enhancement characteristics for detection of water. New Journal of Chemistry, 2018, 42, 13339-13350.	1.4	35
93	Tailoring the microstructure and permeation properties of bridged organosilica membranes via control of the bond angles. Journal of Membrane Science, 2019, 584, 56-65.	4.1	35
94	Palladium-catalyzed synthesis of silyl-substituted enynes. Journal of Organometallic Chemistry, 1988, 346, C58-C60.	0.8	34
95	Polymeric Organosilicon systems. 20. Synthesis s and Some Reactions of Functionalyzed Organosilicon Polymers, Poly[(silylene)phenylenes]. Macromolecules, 1994, 27, 5583-5590.	2.2	34
96	Siliconâ^'Carbon Unsaturated Compounds. 58. Reactions of Silenes Produced Thermally from Acylpolysilanes with Carbonyl Compounds. Organometallics, 1996, 15, 3836-3843.	1.1	34
97	Anodic polymerization of dithienosilole and electroluminescent properties of the resulting polymer. Journal of Organometallic Chemistry, 2005, 690, 3027-3032.	0.8	34
98	Polymeric organosilicon systems. Journal of Organometallic Chemistry, 1994, 468, 55-62.	0.8	33
99	Polymeric Organosilicon Systems. 30. Preparation and Properties of Polymers Containing Iron(0)-Complex-Coordinated Silole Units. Organometallics, 1999, 18, 1717-1723.	1.1	33
100	Ring-Opening Reactions of Cyclic Acetals and 1,3-Oxazolidines with Halosilane Equivalents. Journal of Organic Chemistry, 2002, 67, 5170-5175.	1.7	33
101	Synthesis of diphenylamino-carbazole substituted BODIPY dyes and their photovoltaic performance in dye-sensitized solar cells. RSC Advances, 2013, 3, 18099.	1.7	33
102	Silicon carbon unsaturated compounds. 21. Isomerization of a 1-silapropadiene in the presence of tetrakis(triethylphosphine)nickel(0). Organometallics, 1986, 5, 1518-1519.	1.1	32
103	Hole-transporting properties of organosilanyleneâ€“diethynylpyrene and diethynylanthracene alternating polymers. Applications to patterning of light-emitting images. Journal of Organometallic Chemistry, 2003, 678, 33-38.	0.8	32
104	Convenient synthesis of alkoxyhalosilanes from hydrosilanes. Journal of Organometallic Chemistry, 2004, 689, 3258-3264.	0.8	32
105	Synthesis and Properties of Bis(methylthio)dithienosilole and Its Oxides. Organometallics, 2004, 23, 5481-5487.	1.1	32
106	Disilane- and siloxane-bridged biphenyl and bithiophene derivatives as electron-transporting materials in OLEDs. Journal of Organometallic Chemistry, 2008, 693, 3490-3494.	0.8	32
107	Synthesis, characterization, and photovoltaic applications of dithienogermole-dithienylbenzothiadiazole and -dithienylthiazolothiazole copolymers. Polymer, 2011, 52, 3912-3916.	1.8	32
108	Synthesis, Optical Properties, and Crystal Structures of Dithienostannoles. Organometallics, 2013, 32, 4136-4141.	1.1	32

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109	Silicon-Carbon Unsaturated Compounds. 52. Thermal Reaction of 1-Mesityl-, 1-o-Tolyl-, and 1-p-Tolyl-3-phenyl-1,2-bis(trimethylsilyl)silacycloprop-2-enes. Organometallics, 1995, 14, 1204-1212.	1.1	31
110	Visible Light Photoconduction of Poly(disilanyleneoligothienylene)s and Doping Effect of C60. Macromolecules, 1997, 30, 7816-7820.	2.2	31
111	A relationship between driving voltage and the highest occupied molecular orbital level of hole-transporting metallophthalocyanine layer for organic electroluminescence devices. Thin Solid Films, 2001, 396, 214-219.	0.8	31
112	Preparation of 4,4-Diaryl-2-(tricyanoethenyl)dithienosiloles and Vapor-Chromic Behavior of the Film. Organic Letters, 2002, 4, 1891-1894.	2.4	31
113	PdCl2 and NiCl2-catalyzed hydrogenâ€“halogen exchange for the convenient preparation of bromo- and iodosilanes and germanes. Journal of Organometallic Chemistry, 2003, 667, 90-95.	0.8	31
114	An Aryne Route to Cytosporone B and Phomopsin C. Chemistry Letters, 2010, 39, 508-509.	0.7	30
115	Preparation and Photocurrent Generation of Silicon Nanosheets with Aromatic Substituents on the Surface. Journal of Physical Chemistry C, 2016, 120, 10991-10996.	1.5	30
116	Carbonâ€“hydrogen bond activation by a nickel complex for the catalytic formation of dienyne systems. Journal of the Chemical Society Chemical Communications, 1988, .	2.0	29
117	Oxidative Coupling of Lithium Silenolates:Â First Synthesis of Bis(acyl)-Substituted Polysilanes. Organometallics, 1996, 15, 2198-2200.	1.1	29
118	Fragmentation of F3SiCH2CH2Si(CH3)3 vapour following Si:2p core-level photoexcitation. A search for a site-specific process in complex molecules. International Journal of Mass Spectrometry and Ion Processes, 1997, 171, 95-103.	1.9	29
119	Synthesis of Polymers Composed of Alternating Diphenylenedithienosilole and Diethynylenesilylene Units and Their Applications to Hole Transport in Double-Layer EL Devices. Macromolecules, 2000, 33, 8890-8893.	2.2	29
120	Siliconâ^'Carbon Unsaturated Compounds. 70. Thermolysis and Photolysis of Acylpolysilanes with Mesitylacetylene. Organometallics, 2005, 24, 5356-5363.	1.1	29
121	The reaction of hydrogallium(III) dichloride (HGaCl2) with olefines, acetylenes, and Î±,Î²-unsaturated ketones. Journal of Organometallic Chemistry, 1993, 453, 7-12.	0.8	28
122	Ring-Opening Iodo- and Bromosilation of Cyclic Ethers by Treatment with Iodo- and Bromotrialkylsilane Equivalents. Journal of Organic Chemistry, 1999, 64, 8024-8026.	1.7	28
123	Synthesis of organosilanyleneâ€“pentathienylene alternating polymers and their application to the hole-transporting materials in double-layer electroluminescent devices. Journal of Organometallic Chemistry, 2003, 665, 29-32.	0.8	28
124	Synthesis of poly(dithienogermole-2,6-diyl)s. Polymer Chemistry, 2013, 4, 3116.	1.9	28
125	Specific solvatochromism of Dâ€“Ï€-A type pyridinium dyes bearing various counter anions in halogenated solvents. Tetrahedron, 2013, 69, 1755-1760.	1.0	28
126	Preparation of a Thermally Stable Room Temperature Ionic Liquid Containing Cage-Like Oligosilsesquioxane with Two Types of Side-Chain Groups. Bulletin of the Chemical Society of Japan, 2016, 89, 1129-1135.	2.0	28

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127	Aggregation-induced emission (AIE) characteristic of water-soluble tetraphenylethene (TPE) bearing four sulfonate salts. New Journal of Chemistry, 2017, 41, 4747-4749.	1.4	28
128	Synthesis and Properties of Benzo[d]dithieno[b,f]borepins. Organometallics, 2018, 37, 869-881.	1.1	28
129	Siteâ€specific fragmentation following Si:2pcoreâ€level photoexcitation of F3SiCH2Si(CH3)3in the vapor phase. Journal of Chemical Physics, 1995, 102, 6078-6087.	1.2	27
130	Synthesis and properties of alternating polymers containing 2,6-diaryldithienosilole and organosilicon units. Macromolecular Chemistry and Physics, 2000, 201, 851-857.	1.1	27
131	Synthesis of Organosilanyleneâ^'Oligothienylene Alternate Polymers and Their Applications to EL and FET Materials. Organometallics, 2005, 24, 4494-4496.	1.1	27
132	Preparation and Reactions of Dichlorodithienogermoles. Organometallics, 2015, 34, 5609-5614.	1.1	27
133	Synthesis of organic photosensitizers containing dithienogermole and thiadiazolo[3,4-c]pyridine units for dye-sensitized solar cells. Dalton Transactions, 2016, 45, 13817-13826.	1.6	27
134	Synthesis, Properties, and Polymerization of Spiro[(dipyridinogermole)(dithienogermole)]. Organometallics, 2016, 35, 20-26.	1.1	27
135	Polymeric organosilicon systems 14. Synthesis and some properties of alternating polymers composed of a dithienylene group and a mono-, di- or tri-silanylene unit. Applied Organometallic Chemistry, 1993, 7, 269-277.	1.7	26
136	Synthesis and optical properties of spirobi(dithienometallole)s and spirobi(dithienothiametalline)s. Journal of Organometallic Chemistry, 2012, 710, 53-58.	0.8	26
137	Siliconâ^'Carbon Unsaturated Compounds. 57. Photolysis ofmeso-andracemic-1,2-Diethyl-1,2-dimethyldiphenyldisilane, Direct Evidence for a Concerted 1,3-Silyl Shift toortho-Carbon in the Phenyl Ring. Journal of the American Chemical Society, 1996, 118, 6853-6859.	6.6	25
138	Palladium-Catalyzed Distannylation of ortho-Quinodimethanes. Organic Letters, 2006, 8, 4157-4159.	2.4	25
139	Insight into the pore tuning of triazine-based nitrogen-rich organoalkoxysilane membranes for use in water desalination. RSC Advances, 2014, 4, 23759-23769.	1.7	25
140	Silicon-Carbon Unsaturated Compounds. 49. Nickel-Catalyzed Reactions of 2-Adamantyl-2-(trimethylsiloxy)-1,1-bis(trimethylsilyl)silene. Organometallics, 1994, 13, 1064-1066.	1.1	24
141	Silicon-Carbon Unsaturated Compounds. 53. Thermal Reactions of Acylpolysilanes. Main Group Chemistry, 1996, 1, 219-228.	0.4	24
142	Synthesis of Poly{[bis(ethynylphenyl)silylene]phenylene}s with Highly Heat-Resistant Properties. Macromolecules, 1999, 32, 5998-6002.	2.2	24
143	Substitution Effects on the Thermal Extrusion of Silylenes from 1,1-Diarylsilacyclopropenes. Organometallics, 2003, 22, 2436-2441.	1.1	24
144	Attachment of Disilanyleneâ€"Oligothienylene Polymers on TiO2 Surface by Photochemical Cleavage of the Siâ€"Si Bonds. Chemistry Letters, 2008, 37, 316-317.	0.7	24

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145	Hole-injection properties of annealed polythiophene films to replace PEDOTâ€“PSS in multilayered OLED systems. Synthetic Metals, 2009, 159, 214-217.	2.1	24
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