

Joji Ohshita

List of Publications by Year in descending order

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36203

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502
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citing authors

#	ARTICLE	IF	CITATIONS
1	m-Phenylene linked macrocycle composed of electron-rich dithienogermole and electron-deficient tricoordinate boron units. <i>Polymer</i> , 2022, 239, 124404.	1.8	4
2	Development of PSQ-RO membranes with high water permeability by copolymerization of bis[3-(triethoxysilyl)propyl]amine and triethoxy(3-glycidyloxypropyl)silane. <i>Journal of Membrane Science</i> , 2022, 644, 120162.	4.1	8
3	Structure-Property Relationships of Polysilsesquioxanes for Thermal Insulation Materials. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2851-2859.	2.0	7
4	Synthesis of thiazole-condensed germoles with enhanced electron-deficient properties. <i>Dyes and Pigments</i> , 2022, 203, 110333.	2.0	5
5	Synthesis and Optical Properties of Anthryl-substituted Tetracyclic Borepins. <i>Chemistry Letters</i> , 2022, 51, 654-657.	0.7	2
6	Robust and Transparent Antifogging Polysilsesquioxane Film Containing a Hydroxy Group. <i>Langmuir</i> , 2022, 38, 5829-5837.	1.6	7
7	Development of Highly Water-Permeable Robust PSQ-Based RO Membranes by Introducing Hydroxyethylurea-Based Hydrophilic Water Channels. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 21426-21435.	4.0	4
8	Organic-Inorganic Hybrid Thermal Insulation Materials Prepared via Hydrosilylation of Polysilsesquioxane Having Hydrosilyl Groups and Triallylisocyanurate. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3726-3733.	2.0	5
9	Preparation and film properties of polysiloxanes consisting of di- and quadra-functional hybrid units. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 104, 724-734.	1.1	4
10	Optical Properties of Boron-Incorporated Analogues of Tetrathienoanthracene. <i>Organometallics</i> , 2022, 41, 1225-1231.	1.1	4
11	Development of robust and high-performance polysilsesquioxane reverse osmosis membranes modified by SiO ₂ nanoparticles for water desalination. <i>Separation and Purification Technology</i> , 2022, 296, 121421.	3.9	4
12	Optical Characteristics of Hybrid Macrocycles with Dithienogermole and Tricoordinate Boron Units. <i>Chemistry - A European Journal</i> , 2021, 27, 3306-3314.	1.7	11
13	Synthesis of spirodithienogermole with triphenylamine units as a dopant-free hole-transporting material for perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2001-2007.	2.7	7
14	Ethylene-bridged polysilsesquioxane/hollow silica particle hybrid film for thermal insulation material. <i>RSC Advances</i> , 2021, 11, 24968-24975.	1.7	10
15	Effect of the conjugation pathway on the electronic structures of π -conjugated polymers with fused borepin units. <i>Polymer Chemistry</i> , 2021, 12, 3471-3477.	1.9	14
16	Frontispiece: Optical Characteristics of Hybrid Macrocycles with Dithienogermole and Tricoordinate Boron Units. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	0
17	Crack- and Shrinkage-Free Ethylene-Bridged Polysilsesquioxane Film Prepared by a Hydrosilylation Reaction. <i>ACS Omega</i> , 2021, 6, 8430-8437.	1.6	10
18	Antifogging Hybrid Materials Based on Amino-Functionalized Polysilsesquioxanes. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2568-2575.	2.0	16

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19	Thermal Insulating Property of Silsesquioxane Hybrid Film Induced by Intramolecular Void Spaces. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3383-3391.	2.0	10
20	Preparation of polysilsesquioxane reverse osmosis membranes for water desalination from tris[(ethoxysilyl)alkyl]amines by sol-gel process and interfacial polymerization. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6374.	1.7	5
21	Thiophene-based twisted bistricyclic aromatic ene with tricoordinate boron: a new n-type semiconductor. <i>Chemical Communications</i> , 2021, 57, 1316-1319.	2.2	16
22	Asymmetric Synthesis of Bridged N-Heterocycles with Tertiary Carbon Center through Barbas Dienamine-Catalysis: Scope and Applications. <i>Journal of Organic Chemistry</i> , 2021, 86, 17213-17225.	1.7	11
23	NIR-shielding films based on PEDOT/PSS/polysiloxane and polysilsesquioxane hybrid. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48367.	1.3	3
24	Synthesis of nonplanar bipyridyls bridged by disilane and disiloxane and their phosphorescent copper complexes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5306.	1.7	5
25	Direct Amine-Catalyzed Enantioselective Synthesis of Pentacyclic Dibenzo[1,4]oxazepine/Thiazepine-Fused Isoquinuclidines along with DFT Calculations. <i>Journal of Organic Chemistry</i> , 2020, 85, 14094-14108.	1.7	13
26	Optical Properties of Silicon Nanosheets Modified with Triphenylamine and Quinoline Units: Charge and Energy Transfer from Conjugated Substituents to the Catenated Silicon Backbone. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17347-17351.	1.5	1
27	Preparation and water desalination properties of bridged polysilsesquioxane membranes with divinylbenzene and divinylpyridine units. <i>Polymer Journal</i> , 2020, 52, 1367-1374.	1.3	10
28	Crystal Structures and Phosphorescent Properties of Group 14 Dipyridinometalloles and Their Copper Complexes. <i>ChemPlusChem</i> , 2020, 85, 1912-1918.	1.3	1
29	Model-based research toward design of innovative materials: molecular weight prediction of bridged polysilsesquioxanes. <i>RSC Advances</i> , 2020, 10, 28595-28602.	1.7	5
30	Photo-energy Transfer in π -Conjugated Polysilanes Prepared by Platinum-catalyzed Reactions of Arylacetylenes with Layered Polysilane. <i>Chemistry Letters</i> , 2020, 49, 1174-1177.	0.7	2
31	Pervaporation removal of methanol from methanol/organic azeotropes using organosilica membranes: Experimental and modeling. <i>Journal of Membrane Science</i> , 2020, 610, 118284.	4.1	43
32	Complexation of B(C ₆ F ₅) ₃ and 9,10-Dicyanoanthracene: Dual Role of Borane as Spatial and Electronic Tuner. <i>Chemistry Letters</i> , 2020, 49, 1022-1025.	0.7	7
33	Amino-decorated organosilica membranes for highly permeable CO ₂ capture. <i>Journal of Membrane Science</i> , 2020, 611, 118328.	4.1	24
34	Pore subnano-environment engineering of organosilica membranes for highly selective propylene/propane separation. <i>Journal of Membrane Science</i> , 2020, 603, 117999.	4.1	15
35	Highly Efficient Singlet Oxygen Generation and High Oxidation Resistance Enhanced by Arsole-Polymer-Based Photosensitizer: Application as a Recyclable Photooxidation Catalyst. <i>Macromolecules</i> , 2020, 53, 2006-2013.	2.2	21
36	Synthesis and optical properties of compounds via platinum-catalyzed hydrosilylation of triethynyltriazine and silyl-substituted oligothiophenes. <i>Journal of Organometallic Chemistry</i> , 2020, 917, 121275.	0.8	0

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37	Synthesis of spiro(dipyridinogermole)(dithienogermole)-copper complexes. <i>Journal of Organometallic Chemistry</i> , 2020, 921, 121297.	0.8	1
38	Hydrophobic modification of SiO ₂ surface with disilanobiphenyl and disilanobithiophene and the application to pentacene-based organic transistors. <i>Composite Interfaces</i> , 2019, 26, 221-231.	1.3	0
39	Helical assembly of a dithienogermole exhibiting switchable circularly polarized luminescence. <i>Chemical Communications</i> , 2019, 55, 10607-10610.	2.2	16
40	Bridged polysilsesquioxane membranes for water desalination. <i>Polymer Journal</i> , 2019, 51, 1103-1116.	1.3	21
41	Bis(diphenylphosphinyl)-functionalized dipyrido-annulated NHC towards copper and silver. <i>Dalton Transactions</i> , 2019, 48, 12250-12256.	1.6	7
42	Preparation of robust RO membranes for water desalination by interfacial copolymerization of bis[(triethoxysilyl)propyl]amine and bis(triethoxysilyl)ethane. <i>Polymer Journal</i> , 2019, 51, 1231-1234.	1.3	1
43	Synthesis and optical properties of polymers with bithiophene condensed with disilacyclohexadiene rings and benzothiadiazole. <i>Journal of Organometallic Chemistry</i> , 2019, 900, 120939.	0.8	1
44	Intramolecular Energy Transfer in Dithienogermole Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 4974-4983.	1.7	11
45	Preparation and reactions of 4,4-dilithiodithienogermole. <i>Journal of Organometallic Chemistry</i> , 2019, 883, 47-51.	0.8	2
46	Silicanes Modified by Conjugated Substituents for Optoelectronic Devices. <i>Advanced Optical Materials</i> , 2019, 7, 1900696.	3.6	8
47	Tailoring the microstructure and permeation properties of bridged organosilica membranes via control of the bond angles. <i>Journal of Membrane Science</i> , 2019, 584, 56-65.	4.1	35
48	Luminescent Di- and Tetranuclear Gold Complexes of Bis(diphenylphosphinyl)-Functionalized Dipyrido-Annulated N-Heterocyclic Carbene. <i>Inorganic Chemistry</i> , 2019, 58, 6328-6335.	1.9	6
49	Synthesis of Pyridinothienogermoles as Unsymmetrically Condensed Germoles. <i>Organometallics</i> , 2019, 38, 1606-1613.	1.1	6
50	Synthesis, Properties, and Complex Formation of Antimony- and Bismuth-Bridged Bipyridyls. <i>Organometallics</i> , 2019, 38, 1516-1523.	1.1	22
51	Direct comparison of dithienosilole and dithienogermole as π -conjugated linkers in photosensitizers for dye-sensitized solar cells. <i>Dalton Transactions</i> , 2019, 48, 16671-16678.	1.6	10
52	Hydrophobic modification of SiO ₂ surface by aminosilane derivatives. <i>Composite Interfaces</i> , 2019, 26, 15-25.	1.3	6
53	Si-, Ge-, and Sn-Bridged Biaryls as π -Conjugated Element Blocks. , 2019, , 27-48.		0
54	Synthesis and Properties of Benzo[d]dithieno[b]borepins. <i>Organometallics</i> , 2018, 37, 869-881.	1.1	28

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55	Preparation of polydimethylsiloxane with amino end group via Pd-catalyzed dehydrogenative coupling of terminal hydrosilyl unit and amine. <i>Journal of Organometallic Chemistry</i> , 2018, 860, 9-13.	0.8	3
56	Preparation of bridged silica RO membranes from copolymerization of bis(triethoxysilyl)ethene/(hydroxymethyl)triethoxysilane. Effects of ethylene-bridge enhancing water permeability. <i>Journal of Membrane Science</i> , 2018, 546, 173-178.	4.1	21
57	Mitochondria-Targeting Polyamine-Protoporphyrin Conjugates for Photodynamic Therapy. <i>ChemMedChem</i> , 2018, 13, 15-19.	1.6	19
58	Hybrid conjugated polymers with alternating dithienosilole or dithienogermole and tricoordinate boron units. <i>Polymer Chemistry</i> , 2018, 9, 291-299.	1.9	44
59	Synthesis and Photophysical and Electrochemical Properties of Structural Isomers of Pyrazine-Based D-A-D Fluorescent Dyes. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1704-1709.	2.0	7
60	Preparation of Hybrid Organosilica Reverse Osmosis Membranes by Interfacial Polymerization of Bis[(trialkoxysilyl)propyl]amine. <i>Chemistry Letters</i> , 2018, 47, 1210-1212.	0.7	8
61	Diethylenedioxane-bridged microporous organosilica membrane for gas and water separation. <i>Separation and Purification Technology</i> , 2018, 207, 370-376.	3.9	13
62	Tetraphenylethene and diphenyldibenzofulvene anthracene-based fluorescence sensors possessing photo-induced electron transfer and aggregation-induced emission enhancement characteristics for detection of water. <i>New Journal of Chemistry</i> , 2018, 42, 13339-13350.	1.4	35
63	Modification of TiO ₂ Surface by Disilanylene Polymers and Application to Dye-Sensitized Solar Cells. <i>Inorganics</i> , 2018, 6, 3.	1.2	8
64	Optical and Photosensitizing Properties of Spiro(dipyridinogermole)(dithienogermole)s with Electron-Donating Amino and Electron-Withdrawing Pyridinothiadiazole Substituents. <i>ChemistrySelect</i> , 2018, 3, 8604-8609.	0.7	4
65	Oligosiloxanes with Silatrane Moieties for Use in Lithium-ion Conductive Matrices. <i>Silicon</i> , 2017, 9, 85-96.	1.8	10
66	Synthesis and optical and electrochemical properties of julolidine-structured pyrido[3,4-b]indole dye. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 3565-3574.	1.3	16
67	Preparation of Dithienogermole-containing Polysilsesquioxane Films for Sensing Nitroaromatics. <i>Chemistry Letters</i> , 2017, 46, 438-441.	0.7	4
68	Fabrication and Microstructure Tuning of a Pyrimidine-Bridged Organoalkoxysilane Membrane for CO ₂ Separation. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 1316-1326.	1.8	24
69	Synthesis, optical and electrochemical properties, and photovoltaic performance of a panchromatic and near-infrared (D) ₂ -A type BODIPY dye with pyridyl group or cyanoacrylic acid. <i>RSC Advances</i> , 2017, 7, 13072-13081.	1.7	23
70	Preparation of bridged polysilsesquioxane-based membranes containing 1,2,3-triazole moieties for water desalination. <i>Polymer Journal</i> , 2017, 49, 401-406.	1.3	13
71	Preparation of protic ionic liquids containing cyclic oligosiloxane frameworks. <i>RSC Advances</i> , 2017, 7, 10575-10582.	1.7	16
72	Synthesis of (Benzofurano)(benzothieno)germole. <i>ChemistrySelect</i> , 2017, 2, 3106-3109.	0.7	8

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73	Singlet oxygen generation properties of an inclusion complex of cyclic free-base porphyrin dimer and fullerene C ₆₀ . RSC Advances, 2017, 7, 18690-18695.	1.7	16
74	Synthesis of 4,4-Dihydrodithienosilole and Its Unexpected Cyclodimerization Catalyzed by Ni and Pt Complexes. Organometallics, 2017, 36, 1974-1980.	1.1	9
75	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
76	Preparation of Bridged Polysilsesquioxane Membranes from Bis[3-(triethoxysilyl)propyl]amine for Water Desalination. Bulletin of the Chemical Society of Japan, 2017, 90, 1035-1040.	2.0	23
77	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
78	Synthesis of dithienogermole-containing polythiophenes. Synthetic Metals, 2017, 227, 87-92.	2.1	3
79	Studies on Spherically Distributed LUMO and Electron-Accepting Properties of Caged Hexakis(germasesquioxanes). Organometallics, 2017, 36, 2536-2540.	1.1	9
80	Preparation of POSS-derived robust RO membranes for water desalination. Desalination, 2017, 404, 322-327.	4.0	20
81	Dithienogermole-containing D-A Photosensitizers for Dye-sensitized Solar Cells. Chemistry Letters, 2017, 46, 310-312.	0.7	11
82	<i>meso</i> -Tetraaryl(porphyrinato)cobalt(III)-catalyzed Oxygenation of Disilanes under Aerobic Conditions. Chemistry Letters, 2017, 46, 1807-1809.	0.7	4
83	Development of a Dual-Fluorescence Emission Sensor Based on Photo-Induced Electron Transfer and Aggregation-Induced Emission Enhancement for Detection of Water. ChemistrySelect, 2017, 2, 7765-7770.	0.7	21
84	Synthesis and optical and electrochemical properties of a phenanthrodithiophene (fused-bibenzo[c]thiophene) derivative. Organic and Biomolecular Chemistry, 2017, 15, 7302-7307.	1.5	4
85	Expression of fluorescence properties by self-PET (photo-induced electron transfer) suppression both in solution and in the solid state. New Journal of Chemistry, 2017, 41, 13215-13218.	1.4	1
86	Preparation of a one-dimensional soluble polysilsesquioxane containing phosphonic acid side-chain groups and its thermal and proton-conduction properties. Polymer, 2017, 121, 228-233.	1.8	12
87	Photovoltaic performances of type-II dye-sensitized solar cells based on catechol dye sensitizers: retardation of back-electron transfer by PET (photo-induced electron transfer). Materials Chemistry Frontiers, 2017, 1, 2243-2255.	3.2	20
88	Preparation of branched molecules by regioselective hydrosilation of tetrakis(ethynyldimethylsilyl)silanes and some of their properties. Journal of Organometallic Chemistry, 2017, 846, 360-366.	0.8	3
89	Synthesis of organically bridged trialkoxysilanes bearing acetoxymethyl groups and applications to reverse osmosis membranes. Applied Organometallic Chemistry, 2017, 31, e3580.	1.7	14
90	Synthesis of a Conjugated D-A Polymer with Bi(disilanobithiophene) as a New Donor Component. Molecules, 2016, 21, 789.	1.7	6

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91	Synthesis of Poly(dithienogermole)s. <i>Organometallics</i> , 2016, 35, 2333-2338.	1.1	18
92	Impact of the molecular structure and adsorption mode of Dâ€“â€“A dye sensitizers with a pyridyl group in dye-sensitized solar cells on the adsorption equilibrium constant for dye-adsorption on TiO ₂ surface. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32992-32998.	1.3	10
93	Site-Specific Electron-Relaxation Caused by Si:2p Core-Level Photoionization: Comparison between F3SiCH2CH2Si(CH3)3 and Cl3SiCH2CH2Si(CH3)3 Vapors by Means of Photoelectron Auger Electron Coincidence Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9907-9915.	1.1	2
94	Palladium-catalyzed dehydrogenative amination of polyhydrosiloxanes. <i>Journal of Organometallic Chemistry</i> , 2016, 808, 63-67.	0.8	5
95	Disilanobithiophene-dithienylbenzothiadiazole alternating polymer as donor material of bulk heterojunction polymer solar cells. <i>Synthetic Metals</i> , 2016, 215, 116-120.	2.1	5
96	Single oxygen generation sensitized by spiro(dipyridinogermole)(dithienogermole)s. <i>Dalton Transactions</i> , 2016, 45, 15679-15683.	1.6	16
97	Synthesis of organic photosensitizers containing dithienogermole and thiadiazolo[3,4-c]pyridine units for dye-sensitized solar cells. <i>Dalton Transactions</i> , 2016, 45, 13817-13826.	1.6	27
98	Preparation of a Thermally Stable Room Temperature Ionic Liquid Containing Cage-Like Oligosilsesquioxane with Two Types of Side-Chain Groups. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1129-1135.	2.0	28
99	Synthesis of Dipyridinogermoleâ€“Copper Complex as Soluble Phosphorescent Material. <i>Chemistry Letters</i> , 2016, 45, 502-504.	0.7	11
100	A BODIPY sensor for water based on a photo-induced electron transfer method with fluorescence enhancement and attenuation systems. <i>New Journal of Chemistry</i> , 2016, 40, 7278-7281.	1.4	42
101	Synthesis and Properties of Benzofuran-Fused Silole and Germole Derivatives: Reversible Dimerization and Crystal Structures of Monomers and Dimers. <i>Organometallics</i> , 2016, 35, 2327-2332.	1.1	39
102	Group 14 Dithienometallole-Linked Ethynylene-Conjugated Porphyrin Dimers. <i>Inorganic Chemistry</i> , 2016, 55, 7432-7441.	1.9	20
103	Synthesis of pentamethyldisilanyl-substituted starlike molecule with triazine core and its application to dye-sensitized solar cells. <i>Journal of Organometallic Chemistry</i> , 2016, 825-826, 63-68.	0.8	5
104	Development of type-I/type-II hybrid dye sensitizer with both pyridyl group and catechol unit as anchoring group for type-I/type-II dye-sensitized solar cell. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30662-30676.	1.3	24
105	Group 14 metalloles condensed with heteroaromatic systems. <i>Organic Photonics and Photovoltaics</i> , 2016, 4, .	1.3	18
106	Preparation and Photocurrent Generation of Silicon Nanosheets with Aromatic Substituents on the Surface. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10991-10996.	1.5	30
107	Synthesis of silicon- or carbon-bridged polythiophenes and application to organic thin-film transistors. <i>Polymer Journal</i> , 2016, 48, 645-651.	1.3	9
108	Fused ð-conjugated imidazolium liquid crystals: synthesis, self-organization, and fluorescence properties. <i>RSC Advances</i> , 2016, 6, 9152-9159.	1.7	16

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109	Development of a Dâ€™A pyrazinium photosensitizer possessing singlet oxygen generation. RSC Advances, 2016, 6, 5428-5435.	1.7	9
110	Synthesis, Properties, and Polymerization of Spiro[(dipyridinogermole)(dithienogermole)]. Organometallics, 2016, 35, 20-26.	1.1	27
111	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
112	Development of D-Ï-A Dye Sensitizers with Azine Ring and Their Photovoltaic Performances of Dye-Sensitized Solar Cells. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2016, 74, 760-780.	0.0	2
113	Preparation of Imidazolium Salt Type Ionic Liquids Containing Cyclic Siloxane Frameworks. Chemistry Letters, 2015, 44, 1362-1364.	0.7	14
114	Synthesis, and Optical and Electrochemical Properties of Germanium-Bridged Viologen. Electrochemistry, 2015, 83, 605-608.	0.6	17
115	Effect of Substituents in Catechol Dye Sensitizers on Photovoltaic Performance of Type II Dye-Sensitized Solar Cells. ChemPhysChem, 2015, 16, 3049-3057.	1.0	20
116	The Chemistry of Silacyclopropenes. Asian Journal of Organic Chemistry, 2015, 4, 1192-1209.	1.3	16
117	Synthesis of dithienogermole-containing oligo- and polysilsesquioxanes as luminescent materials. Dalton Transactions, 2015, 44, 8214-8220.	1.6	22
118	Synthesis of conjugated Dâ€™A polymers bearing bi(dithienogermole) as a new donor component and their applications to polymer solar cells and transistors. RSC Advances, 2015, 5, 12686-12691.	1.7	21
119	Preparation and separation properties of porous norbornane-bridged silica membrane. Journal of Sol-Gel Science and Technology, 2015, 73, 365-370.	1.1	12
120	Synthesis, optical, electrochemical and photovoltaic properties of a Dâ€™A fluorescent dye with triazine ring as electron-withdrawing anchoring group for dye-sensitized solar cells. RSC Advances, 2015, 5, 21012-21018.	1.7	22
121	Efficient synthesis of SiOC glasses from ethane, ethylene, and acetylene-bridged polysilsesquioxanes. Journal of Non-Crystalline Solids, 2015, 408, 137-141.	1.5	18
122	Development of a functionally separated Dâ€™A fluorescent dye with a pyrazyl group as an electron-accepting group for dye-sensitized solar cells. Organic Chemistry Frontiers, 2015, 2, 552-559.	2.3	19
123	A new co-sensitization method employing Dâ€™A dye with pyridyl group and Dâ€™Cat dye with catechol unit for dye-sensitized solar cells. Dyes and Pigments, 2015, 122, 40-45.	2.0	18
124	Preparation and separation properties of oxalylurea-bridged silica membranes. Applied Organometallic Chemistry, 2015, 29, 433-438.	1.7	16
125	Facile preparation of a soluble polymer containing polyhedral oligomeric silsesquioxane units in its main chain. Polymer Chemistry, 2015, 6, 3039-3045.	1.9	42
126	Development of Dâ€™A Fluorescent Dyes with a 3â€Pyridyl Group as Electron-Withdrawing Anchoring Group for Dye-Sensitized Solar Cells. European Journal of Organic Chemistry, 2015, 2015, 3713-3720.	1.2	15

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127	Preparation of imidazolium-type ionic liquids containing silsesquioxane frameworks and their thermal and ion-conductive properties. <i>RSC Advances</i> , 2015, 5, 15226-15232.	1.7	40
128	Synthesis of D-A polymers with a disilanobithiophene donor and a pyridine or pyrazine acceptor and their applications to dye-sensitized solar cells. <i>RSC Advances</i> , 2015, 5, 36673-36679.	1.7	18
129	Preparation of hydroxyl group containing bridged organosilica membranes for water desalination. <i>Separation and Purification Technology</i> , 2015, 156, 396-402.	3.9	20
130	Photoinduced electron injection from an organic dye having a pyridyl anchor to Lewis acid site of TiO ₂ surface. <i>RSC Advances</i> , 2015, 5, 71387-71392.	1.7	10
131	Fluorescence sensor for water based on PET (photo-induced electron transfer): Anthracene-bis(aminomethyl)phenylboronic acid ester. <i>Dyes and Pigments</i> , 2015, 123, 248-253.	2.0	40
132	Development of D-A dye with (pyridiniumyl)alkanesulfonate as electron-withdrawing anchoring group for dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2015, 123, 349-354.	2.0	9
133	Synthesis of new D-A polymers containing disilanobithiophene donor and application to bulk heterojunction polymer solar cells. <i>Polymer Journal</i> , 2015, 47, 733-738.	1.3	16
134	Preparation and Reactions of Dichlorodithienogermoles. <i>Organometallics</i> , 2015, 34, 5609-5614.	1.1	27
135	Effective co-sensitization using D-A dyes with a pyridyl group adsorbing at Brønsted acid sites and Lewis acid sites on a TiO ₂ surface for dye-sensitized solar cells. <i>RSC Advances</i> , 2015, 5, 2531-2535.	1.7	23
136	Effects of substituents and molecular weight on the optical, thermal and photovoltaic properties of alternating dithienogermole-dithienylbenzothiadiazole polymers. <i>Polymer Journal</i> , 2014, 46, 628-631.	1.3	20
137	Development of D-A dyes with a pyrazine ring as an electron-withdrawing anchoring group for dye-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 30225.	1.7	23
138	Preparation and Photoinduced Energy and Electron Transfer of Donor-Silicon-Acceptor Polymers. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 170-175.	1.3	11
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