

Yousuke Ooyama

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Molecular Designs and Syntheses of Organic Dyes for Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2903-2934.	1.2	558
2	Photophysical and Electrochemical Properties, and Molecular Structures of Organic Dyes for Dye-Sensitized Solar Cells. <i>ChemPhysChem</i> , 2012, 13, 4032-4080.	1.0	319
3	Dye-Sensitized Solar Cells Based On Donor-Acceptor Conjugated Fluorescent Dyes with a Pyridine Ring as an Electron-Withdrawing Anchoring Group. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7429-7433.	7.2	233
4	Reversible Near-Infrared/Blue Mechanofluorochromism of Aminobenzopyranoxanthene. <i>Journal of the American Chemical Society</i> , 2015, 137, 6436-6439.	6.6	156
5	Molecular design of mechanofluorochromic dyes and their solid-state fluorescence properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 8372.	6.7	136
6	Dye-Sensitized Solar Cells Based on Donor-Acceptor Fluorescent Dyes with a Pyridine Ring as an Electron-Withdrawing Injecting Anchoring Group. <i>Chemistry - A European Journal</i> , 2011, 17, 14837-14843.	1.7	126
7	Electron-Transfer Reaction of Oxygen Species on TiO ₂ Nanoparticles Induced by Sub-band-gap Illumination. <i>Journal of Physical Chemistry C</i> , 2010, 114, 1240-1245.	1.5	118
8	Fluorescence PET (photo-induced electron transfer) sensors for water based on anthracene-boronic acid ester. <i>Chemical Communications</i> , 2011, 47, 4448.	2.2	118
9	Mechanofluorochromism of a Series of Benzofuro[2,3- <i>c</i>]oxazolo[4,5- <i>a</i>]carbazole-Type Fluorescent Dyes. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5321-5326.	1.2	98
10	Heterocyclic Quinol-Type Fluorophores: Synthesis, X-ray Crystal Structures, and Solid-State Photophysical Properties of Novel 5-Hydroxy-5-substituent-benzo[<i>b</i>]naphtho[1,2- <i>d</i>]furan-6-one and 3-Hydroxy-3-substituent-benzo[<i>k</i>]xanthen-2-one Derivatives. <i>Chemistry - A European Journal</i> , 2006, 12, 7827-7838.	1.7	94
11	Detection of water in organic solvents by photo-induced electron transfer method. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1314-1316.	1.5	93
12	Electrochemical reduction of graphene oxide in organic solvents. <i>Electrochimica Acta</i> , 2011, 56, 5363-5368.	2.6	88
13	Dye-sensitized solar cells based on A fluorescent dyes with two pyridyl groups as an electron-withdrawing injecting anchoring group. <i>Chemical Communications</i> , 2013, 49, 2548.	2.2	88
14	Synthesis of Dithienogermole-Containing Conjugated Polymers and Applications to Photovoltaic Cells. <i>Organometallics</i> , 2011, 30, 3233-3236.	1.1	76
15	Photovoltaic performance of dye-sensitized solar cells based on A type BODIPY dye with two pyridyl groups. <i>New Journal of Chemistry</i> , 2013, 37, 2479.	1.4	74
16	Molecular design of novel non-planar heteropolycyclic fluorophores with bulky substituents: convenient synthesis and solid-state fluorescence characterization. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3406.	1.5	70
17	Lewis-Acid Sites of TiO ₂ Surface for Adsorption of Organic Dye Having Pyridyl Group as Anchoring Unit. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16364-16370.	1.5	70
18	Molecular design and synthesis of fluorescence PET (photo-induced electron transfer) sensors for detection of water in organic solvents. <i>RSC Advances</i> , 2013, 3, 23255.	1.7	68

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19	Heterocyclic quinol-type fluorophores. Dramatic solid-state fluorescence enhancement behaviour of imidazoanthraquinol-type clathrate hosts upon inclusion of various kinds of organic solvent molecules. <i>New Journal of Chemistry</i> , 2005, 29, 1204.	1.4	66
20	New molecular design of donor-acceptor dyes for dye-sensitized solar cells: control of molecular orientation and arrangement on TiO ₂ surface. <i>New Journal of Chemistry</i> , 2011, 35, 111-118.	1.4	63
21	Heterocyclic quinol-type fluorophores. Synthesis of novel imidazoanthraquinol derivatives and their photophysical properties in benzene and in the crystalline state. <i>New Journal of Chemistry</i> , 2005, 29, 447.	1.4	62
22	Synthesis of Dithienobismoles as Novel Phosphorescence Materials. <i>Organometallics</i> , 2010, 29, 3239-3241.	1.1	61
23	Fluorescence PET (photo-induced electron transfer) sensor for water based on anthracene-amino acid. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 222, 52-55.	2.0	60
24	A new cosensitization method using the Lewis acid sites of a TiO ₂ photoelectrode for dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 6398-6401.	2.2	57
25	Mechanofluorochromism of heteropolycyclic donor-acceptor type fluorescent dyes. <i>Tetrahedron</i> , 2010, 66, 7268-7271.	1.0	54
26	A colorimetric and fluorescent sensor for water in acetonitrile based on intramolecular charge transfer: Diene-A ₂ -type pyridine-boron trifluoride complex. <i>Chemical Communications</i> , 2018, 54, 10144-10147.	2.2	51
27	Development of highly-sensitive fluorescence PET (photo-induced electron transfer) sensor for water: anthracene-boronic acid ester. <i>RSC Advances</i> , 2014, 4, 25330.	1.7	50
28	Synthesis of new-type donor-acceptor π -conjugated benzofuro[2,3-c]oxazolo[4,5-a]carbazole fluorescent dyes and their photovoltaic performances of dye-sensitized solar cells. <i>Tetrahedron Letters</i> , 2007, 48, 9167-9170.	0.7	47
29	Heterocyclic quinol-type fluorophores. Part 2. Solid-state fluorescence enhancement behaviour of benzofurano[3,2-b]naphthoquinol-type clathrate hosts upon inclusion of amine molecules. The IUPAC name for the parent benzofurano[3,2-b]naphthoquinone is naphtho[2,3-b]benzofuran-6,11-dione. Electronic supplementary information (ESI) available: Table S1 containing crystal data and structure refinement parameters for amine-inclusion compounds of 2c and 3c. See http://www.rsc.org/suppdata/p2/b1/b109198k/ , <i>Perkin Transactions II RSC</i> , 2007, , 708-714.	1.1	46
30	Synthesis and Solid-State Fluorescence Properties of Structural Isomers of Novel Benzofuro[2,3-c]oxazolocarbazole-Type Fluorescent Dyes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3613-3621.	1.2	46
31	Development of a Diene-A dye with benzothienopyridine as the electron-withdrawing anchoring group for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3293-3296.	5.2	46
32	Heterocyclic quinol-type fluorophores. Part 1. Synthesis of new benzofurano[3,2-b]naphthoquinol derivatives and their photophysical properties in solution and in the crystalline state. Electronic supplementary information (ESI) available: Table S1 containing crystal data and structure refinement parameters for 2c, 3c, and 3d. See http://www.rsc.org/suppdata/p2/b1/b109198k/ , <i>Perkin Transactions II RSC</i> , 2002, , 700-707.	1.1	45
33	Synthesis of Bis(diarylphosphino)dithienosilole Derivatives as Novel Photo- and Electroluminescence Materials. <i>Organometallics</i> , 2007, 26, 6591-6595.	1.1	44
34	Dye-Sensitized Solar Cells Based on a Novel Fluorescent Dye with a Pyridine Ring and a Pyridinium Dye with the Pyridinium Ring Forming Strong Interactions with Nanocrystalline TiO ₂ Films. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 92-100.	1.2	44
35	Hybrid conjugated polymers with alternating dithienosilole or dithienogermole and tricoordinate boron units. <i>Polymer Chemistry</i> , 2018, 9, 291-299.	1.9	44
36	Photovoltaic performance of dye-sensitized solar cells based on donor-acceptor π -conjugated benzofuro[2,3-c]oxazolo[4,5-a]carbazole-type fluorescent dyes with a carboxyl group at different positions of the chromophore skeleton. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2046-2054.	1.5	43

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37	Photovoltaic performance of dye-sensitized solar cells based on a series of new-type donor-acceptor π -conjugated sensitizer, benzofuro[2,3-c]oxazolo[4,5-a]carbazole fluorescent dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 203, 177-185.	2.0	42
38	Highly sensitive fluorescence PET (photo-induced electron transfer) sensor for water based on anthracene-bisboronic acid ester. <i>RSC Advances</i> , 2012, 2, 7666.	1.7	42
39	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
40	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
41	Synthesis of Group 14 Dipyridinometalloles with Enhanced Electron-Deficient Properties and Solid-State Phosphorescence. <i>Organometallics</i> , 2014, 33, 517-521.	1.1	39
42	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
43	Design and Syntheses of Highly Emissive Aminobenzopyrano-xanthene Dyes in the Visible and Far-Red Regions. <i>Organic Letters</i> , 2014, 16, 258-261.	2.4	38
44	Development of D π -Cat fluorescent dyes with a catechol group for dye-sensitized solar cells based on dye-to-TiO ₂ charge transfer. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8500.	5.2	38
45	Water-tunable solvatochromic and nanoaggregate fluorescence: dual colour visualisation and quantification of trace water in tetrahydrofuran. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1209-1216.	1.3	38
46	Dramatic Effects of the Substituents on the Solid-state Fluorescence Properties of Structural Isomers of Novel Benzofuro[2,3-c]oxazolocarbazole-type Fluorophores. <i>Chemistry Letters</i> , 2006, 35, 902-903.	0.7	36
47	Dye-sensitized solar cells based on novel donor-acceptor π -conjugated benzofuro[2,3-c]oxazolo[4,5-a]carbazole-type fluorescent dyes exhibiting solid-state fluorescence. <i>New Journal of Chemistry</i> , 2007, 31, 2076.	1.4	36
48	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
49	Heterocyclic Quinol-type Fluorophores: Solid-State Fluorescence Change in Crystals of Benzo[<i>b</i>]naphtho[1,2-d]furan-type Fluorophore upon Inclusion of Organic Solvent Molecules. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2564-2570.	1.2	34
50	Synthesis and fluorescence and electrochemical properties of D π -A structural isomers of benzofuro[2,3-c]oxazolo[4,5-a]carbazole-type and benzofuro[2,3-c]oxazolo[5,4-a]carbazole-type fluorescent dyes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2756.	1.5	33
51	Synthesis of diphenylamino-carbazole substituted BODIPY dyes and their photovoltaic performance in dye-sensitized solar cells. <i>RSC Advances</i> , 2013, 3, 18099.	1.7	33
52	The design of a novel fluorescent PET sensor for proton and water: A phenylaminonaphtho[1,2-d]oxazol-2-yl-type fluorophore containing proton donor and acceptor groups. <i>Dyes and Pigments</i> , 2009, 82, 58-64.	2.0	32
53	ESR Study on the Reversible Electron Transfer from O ₂ to Ti ⁴⁺ on TiO ₂ Nanoparticles Induced by Visible-Light Illumination. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1160-1163.	1.5	32
54	Synthesis, characterization, and photovoltaic applications of dithienogermole-dithienylbenzothiadiazole and -dithienylthiazolothiazole copolymers. <i>Polymer</i> , 2011, 52, 3912-3916.	1.8	32

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55	Synthesis, Optical Properties, and Crystal Structures of Dithienostannoles. <i>Organometallics</i> , 2013, 32, 4136-4141.	1.1	32
56	Solvatochromism of novel donor-acceptor type pyridinium dyes in halogenated and non-halogenated solvents. <i>New Journal of Chemistry</i> , 2009, 33, 2311.	1.4	31
57	Specific solvatochromism of D-A type pyridinium dyes bearing various counter anions in halogenated solvents. <i>Tetrahedron</i> , 2013, 69, 1755-1760.	1.0	28
58	Aggregation-induced emission (AIE) characteristic of water-soluble tetraphenylethene (TPE) bearing four sulfonate salts. <i>New Journal of Chemistry</i> , 2017, 41, 4747-4749.	1.4	28
59	Solid-State Fluorescence Changes of 2-(4-cyanophenyl)-5-(4-(diethylamino)phenyl)-1H-imidazo[4,5-a]naphthalene upon Inclusion of Organic Solvent Molecules. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5899-5906.	2.0	27
60	Electrosynthesis and charge-transport properties of poly(3,4-ethylenedioxy-2,5-thiophene). <i>Materials Chemistry and Physics</i> , 2012, 131, 752-756.	2.0	27
61	Preparation and Reactions of Dichlorodithienogermoles. <i>Organometallics</i> , 2015, 34, 5609-5614.	1.1	27
62	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
63	Synthesis, Properties, and Polymerization of Spiro[(dipyridinogermole)(dithienogermole)]. <i>Organometallics</i> , 2016, 35, 20-26.	1.1	27
64	Phenazine-based photosensitizers for singlet oxygen generation. <i>Materials Chemistry Frontiers</i> , 2020, 4, 589-596.	3.2	27
65	Improvement of photovoltages in organic dye-sensitized solar cells by Li intercalation in particulate TiO ₂ electrodes. <i>Applied Physics Letters</i> , 2007, 90, 103517.	1.5	26
66	Attachment of Disilanylene-Oligothienylene Polymers on TiO ₂ Surface by Photochemical Cleavage of the Si-Si Bonds. <i>Chemistry Letters</i> , 2008, 37, 316-317.	0.7	24
67	Heterocyclic quinol-type fluorophores. Part 9: Effect of forming a continuous intermolecular hydrogen bonding chain between fluorophores on the solid-state fluorescence properties. <i>Tetrahedron</i> , 2010, 66, 7954-7960.	1.0	24
68	Synthesis and Optical Properties of Dithienostiboles. <i>Chemistry Letters</i> , 2012, 41, 1002-1003.	0.7	24
69	Control of Molecular Arrangement and/or Orientation of D-A Fluorescent Dyes for Dye-sensitized Solar Cells. <i>Chemistry Letters</i> , 2012, 41, 1384-1396.	0.7	24
70	BODIPY dye possessing solid-state red fluorescence and green metallic luster properties in both crystalline and amorphous states. <i>RSC Advances</i> , 2014, 4, 1163-1167.	1.7	24
71	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
72	Development of an intramolecular charge transfer-type colorimetric and fluorescence sensor for water by fusion with a julolidine structure and complexation with boron trifluoride. <i>RSC Advances</i> , 2019, 9, 31466-31473.	1.7	24

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73	Development of Dâ€“â€“â€“ A dyes with a pyrazine ring as an electron-withdrawing anchoring group for dye-sensitized solar cells. RSC Advances, 2014, 4, 30225.	1.7	23
74	Effective co-sensitization using Dâ€“â€“â€“ A dyes with a pyridyl group adsorbing at BrÃ¼nsted acid sites and Lewis acid sites on a TiO₂ surface for dye-sensitized solar cells. RSC Advances, 2015, 5, 2531-2535.	1.7	23
75	Synthesis, optical and electrochemical properties, and photovoltaic performance of a panchromatic and near-infrared (D)₂-type BODIPY dye with pyridyl group or cyanoacrylic acid. RSC Advances, 2017, 7, 13072-13081.	1.7	23
76	Colorimetric and ratiometric fluorescence sensing of water based on 9-methyl pyrido[3,4- <i>b</i>]indole-boron trifluoride complex. Dalton Transactions, 2019, 48, 2086-2092.	1.6	23
77	A New Class of Fluorescent Dye for Sensing Water in Organic Solvents by Photoâ€“Induced Electron Transfer â€“ A (Phenylamino)naphtho[1,2- <i>d</i>]oxazolâ€“2-ylâ€“type Fluorophore with both Protonâ€“Binding and Protonâ€“Donating Sites. European Journal of Organic Chemistry, 2008, 2008, 5239-5243.		22
78	Dye-sensitized solar cells based on a functionally separated Dâ€“â€“â€“ A fluorescent dye with an aldehyde as an electron-accepting group. New Journal of Chemistry, 2013, 37, 2336.	1.4	22
79	Synthesis, optical, electrochemical and photovoltaic properties of a Dâ€“â€“â€“ 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
80	In situ conductivity measurements of polythiophene partially containing 3,4-ethylenedioxythiophene and 3-hexylthiophene. Journal of Solid State Electrochemistry, 2015, 19, 71-76.	1.2	22
81	Synthesis, Properties, and Complex Formation of Antimony- and Bismuth-Bridged Bipyridyls. Organometallics, 2019, 38, 1516-1523.	1.1	22
82	Development of fluorescent sensors based on a combination of PET (photo-induced electron transfer) and FRET (FÃ¼rster resonance energy transfer) for detection of water. Materials Advances, 2020, 1, 354-362.	2.6	22
83	A facile synthesis of solid-emissive fluorescent dyes: dialkylbenzo[<i>b</i>]naphtho[2,1- <i>d</i>]furan-6-one-type fluorophores with strong blue and green fluorescence emission properties. Tetrahedron Letters, 2007, 48, 5791-5793.	0.7	21
84	Synthesis of organosilicon polymers containing donorâ€“acceptor type Î€-conjugated units and their applications to dye-sensitized solar cells. Journal of Organometallic Chemistry, 2007, 692, 801-805.	0.8	21
85	Synthesis of conjugated Dâ€“â€“â€“ 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
86	Development of a Dualâ€“Fluorescence Emission Sensor Based on Photoâ€“Induced Electron Transfer and Aggregationâ€“Induced Emission Enhancement for Detection of Water. ChemistrySelect, 2017, 2, 7765-7770.	0.7	21
87	Highly Efficient Singlet Oxygen Generation and High Oxidation Resistance Enhanced by Arsole-Polymer-Based Photosensitizer: Application as a Recyclable Photooxidation Catalyst. Macromolecules, 2020, 53, 2006-2013.	2.2	21
88	Fluorescence sensors for detection of water based on tetraphenyletheneâ€“anthracene possessing both solvatofluorochromic properties and aggregation-induced emission (AIE) characteristics. New Journal of Chemistry, 2021, 45, 4164-4173.	1.4	21
89	Influence of extended Î€-conjugation units on carrier mobilities in conducting polymers. Chemical Physics Letters, 2006, 420, 387-390.	1.2	20
90	Solid-emissive fluorophores constructed by a non-planar heteropolycyclic structure with bulky substituents: synthesis and X-ray crystal structures. Organic and Biomolecular Chemistry, 2007, 5, 1260.	1.5	20

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91	Mechanofluorochromism of carbazole-type π -A fluorescent dyes. <i>Tetrahedron</i> , 2012, 68, 529-533.	1.0	20
92	Solid-state fluorescence properties and mechanofluorochromism of π -A pyridinium dyes bearing various counter anions. <i>Tetrahedron</i> , 2013, 69, 5818-5822.	1.0	20
93	Effect of Substituents in Catechol Dye Sensitizers on Photovoltaic Performance of Type II Dye-Sensitized Solar Cells. <i>ChemPhysChem</i> , 2015, 16, 3049-3057.	1.0	20
94	Group 14 Dithienometallore-Linked Ethynylene-Conjugated Porphyrin Dimers. <i>Inorganic Chemistry</i> , 2016, 55, 7432-7441.	1.9	20
95	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). <i>Materials Chemistry Frontiers</i> , 2017, 1, 2243-2255.	3.2	20
96	Synthesis and specific solvatochromism of π -A type pyridinium dye. <i>Tetrahedron</i> , 2012, 68, 8577-8580.	1.0	19
97	Synthesis of dithienosilole-based highly photoluminescent donor-acceptor type compounds. <i>Dalton Transactions</i> , 2013, 42, 3646.	1.6	19
98	Synthesis and electrical properties of novel oligothiophenes partially containing 3,4-ethylenedioxythiophenes. <i>RSC Advances</i> , 2013, 4, 2501-2508.	1.7	19
99	Development of a functionally separated π -A fluorescent dye with a pyrazyl group as an electron-accepting group for dye-sensitized solar cells. <i>Organic Chemistry Frontiers</i> , 2015, 2, 552-559.	2.3	19
100	Mitochondria-Targeting Polyamine-Protoporphyrin Conjugates for Photodynamic Therapy. <i>ChemMedChem</i> , 2018, 13, 15-19.	1.6	19
101	A new co-sensitization method employing π -A dye with pyridyl group and π -Cat dye with catechol unit for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2015, 122, 40-45.	2.0	18
102	Synthesis of π -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
103	Synthesis of Poly(dithienogermole)s. <i>Organometallics</i> , 2016, 35, 2333-2338.	1.1	18
104	Dye-sensitized solar cell based on an inclusion complex of a cyclic porphyrin dimer bearing four 4-pyridyl groups and fullerene C ₆₀ . <i>RSC Advances</i> , 2016, 6, 16150-16158.	1.7	18
105	Synthesis and optical and photovoltaic properties of dithienosilole-dithienylpyridine and dithienosilole-pyridine alternate polymers and polymer-B(C ₆ F ₅) ₃ complexes. <i>Polymer Journal</i> , 2013, 45, 1153-1158.	1.3	17
106	Synthesis of Carbazole-Type π -A Fluorescent Dyes Possessing Solid-State Red Fluorescence Properties. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4853-4859.	1.2	16
107	Single oxygen generation sensitized by spiro(dipyridinogermole)(dithienogermole)s. <i>Dalton Transactions</i> , 2016, 45, 15679-15683.	1.6	16
108	Fused π -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	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
110	Singlet oxygen generation properties of an inclusion complex of cyclic free-base porphyrin dimer and fullerene C ₆₀ . <i>RSC Advances</i> , 2017, 7, 18690-18695.	1.7	16
111	Synthesis, optical and electrochemical properties of propeller-type 3,5,8-trithienyl-BODIPY dyes. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2762-2771.	3.2	16
112	Template-free Formation of Microspheres Based on Poly(N-methylaniline). <i>Polymer Journal</i> , 2006, 38, 732-736.	1.3	15
113	Development of D-π-A Fluorescent Dyes with a Pyridyl Group as Electron-Withdrawing Anchoring Group for Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3713-3720.	1.2	15
114	Fluorescent sensor for water based on photo-induced electron transfer and Förster resonance energy transfer: anthracene-(aminomethyl)phenylboronic acid ester-BODIPY structure. <i>RSC Advances</i> , 2019, 9, 15335-15340.	1.7	15
115	Drastic solid-state fluorescence enhancement behaviour of imidazo[4,5-a]naphthalene-type fluorescent hosts upon inclusion of polyethers and tert-butyl alcohol. <i>Tetrahedron</i> , 2009, 65, 1467-1474.	1.0	14
116	Highly efficient organic light-emitting diodes (OLEDs) based on an iridium complex with rigid cyclometalated ligand. <i>Organic Electronics</i> , 2010, 11, 632-640.	1.4	14
117	Drastic Solid-State Fluorescence Enhancement Behaviour of Phenanthro[9,10- <i>cd</i>]imidazole-Type Fluorescent Hosts upon Inclusion of Carboxylic Acids. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5979-5990.	1.2	13
118	Charge transport properties of polymer films comprising oligothiophene in silsesquioxane network. <i>Polymer Chemistry</i> , 2011, 2, 868.	1.9	13
119	Oligothiophenes incorporated in a polysilsesquioxane network: application to tunable transparent conductive films. <i>Journal of Materials Chemistry</i> , 2012, 22, 16407.	6.7	13
120	Highly Efficient Cosensitized Plastic-Substrate Dye-Sensitized Solar Cells with Black Dye and Pyridine-Anchor Organic Dye. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 366-374.	2.0	13
121	Ligand-Free Copper-Catalyzed Cyano- and Alkynylstannylation of Arynes. <i>ChemistrySelect</i> , 2017, 2, 3212-3215.	0.7	13
122	Development of anchored oligothiophenes on substrates for the application to the tunable transparent conductive films. <i>Polymer</i> , 2009, 50, 6198-6201.	1.8	12
123	Nanosized starlike molecules. Synthesis and optical properties of 2,4,6-tris(disilanylnebithienylene)-1,3,5-triazine derivatives. <i>Journal of Organometallic Chemistry</i> , 2012, 702, 67-72.	0.8	12
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