Yousuke Ooyama

List of Publications by Year
in descending order

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193 papers	6,033 citations	81900 39 h-index	98798 67 g-index
195 all docs	195 docs citations	195 times ranked	5293 citing authors

#	Article	IF	Citations
1	Molecular Designs and Syntheses of Organic Dyes for Dyeâ€Sensitized Solar Cells. European Journal of Organic Chemistry, 2009, 2009, 2903-2934.	2.4	558
2	Photophysical and Electrochemical Properties, and Molecular Structures of Organic Dyes for Dyeâ€Sensitized Solar Cells. ChemPhysChem, 2012, 13, 4032-4080.	2.1	319
3	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.	13.8	233
4	Reversible Near-Infrared/Blue Mechanofluorochromism of Aminobenzopyranoxanthene. Journal of the American Chemical Society, 2015, 137, 6436-6439.	13.7	156
5	Molecular design of mechanofluorochromic dyes and their solid-state fluorescence properties. Journal of Materials Chemistry, 2011, 21, 8372.	6.7	136
6	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.	3.3	126
7	Electron-Transfer Reaction of Oxygen Species on TiO₂Nanoparticles Induced by Sub-band-gap Illumination. Journal of Physical Chemistry C, 2010, 114, 1240-1245.	3.1	118
8	Fluorescence PET (photo-induced electron transfer) sensors for water based on anthraceneâ€“boronic acid ester. Chemical Communications, 2011, 47, 4448.	4.1	118
9	Mechanofluorochromism of a Series of Benzofuro[2,3â€‹<i>c</i>]oxazolo[4,5â€‹<i>a</i>]carbazoleâ€Type Fluorescent Dyes. European Journal of Organic Chemistry, 2009, 2009, 5321-5326.	2.4	98
10	Heterocyclic Quinol-Type Fluorophores: Synthesis, X-ray Crystal Structures, and Solid-State Photophysical Properties of Novel 5-Hydroxy-5-substituent-benzo[b]naphtho[1,2-d]furan-6-one and 3-Hydroxy-3-substituent-benzo[kl]xanthen-2-one Derivatives. Chemistry - A European Journal, 2006, 12, 7827-7838.	3.3	94
11	Detection of water in organic solvents by photo-induced electron transfer method. Organic and Biomolecular Chemistry, 2011, 9, 1314-1316.	2.8	93
12	Electrochemical reduction of graphene oxide in organic solvents. Electrochimica Acta, 2011, 56, 5363-5368.	5.2	88
13	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.	4.1	88
14	Synthesis of Dithienogermole-Containing Ï€-Conjugated Polymers and Applications to Photovoltaic Cells. Organometallics, 2011, 30, 3233-3236.	2.3	76
15	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.	2.8	74
16	Molecular design of novel non-planar heteropolycyclic fluorophores with bulky substituents: convenient synthesis and solid-state fluorescence characterization. Organic and Biomolecular Chemistry, 2006, 4, 3406.	2.8	70
17	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.	3.1	70
18	Molecular design and synthesis of fluorescence PET (photo-induced electron transfer) sensors for detection of water in organic solvents. RSC Advances, 2013, 3, 23255.	3.6	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. New Journal of Chemistry, 2005, 29, 1204.	2.8	66
20	New molecular design of donor-Ï€-acceptor dyes for dye-sensitized solar cells: control of molecular orientation and arrangement on TiO₂surface. New Journal of Chemistry, 2011, 35, 111-118.	2.8	63
21	Heterocyclic quinol-type fluorophores. Synthesis of novel imidazoanthraquinol derivatives and their photophysical properties in benzene and in the crystalline state. New Journal of Chemistry, 2005, 29, 447.	2.8	62
22	Synthesis of Dithienobismoles as Novel Phosphorescence Materials. Organometallics, 2010, 29, 3239-3241.	2.3	61
23	Fluorescence PET (photo-induced electron transfer) sensor for water based on anthracene-amino acid. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 52-55.	3.9	60
24	A new cosensitization method using the Lewis acid sites of a TiO₂ photoelectrode for dye-sensitized solar cells. Chemical Communications, 2014, 50, 6398-6401.	4.1	57
25	Mechanofluorochromism of heteropolycyclic donorâ€"Ï€-acceptor type fluorescent dyes. Tetrahedron, 2010, 66, 7268-7271.	1.9	54
26	A colorimetric and fluorescent sensor for water in acetonitrile based on intramolecular charge transfer: Dâ€"(Ï€â€"A)₂-type pyridineâ€"boron trifluoride complex. Chemical Communications, 2018, 54, 10144-10147.	4.1	51
27	Development of highly-sensitive fluorescence PET (photo-induced electron transfer) sensor for water: anthraceneâ€"boronic acid ester. RSC Advances, 2014, 4, 25330.	3.6	50
28	Synthesis of new-type donorâ€"acceptor Ï€-conjugated benzofuro[2,3-c]oxazolo[4,5-a]carbazole fluorescent dyes and their photovoltaic performances of dye-sensitized solar cells. Tetrahedron Letters, 2007, 48, 9167-9170.	1.4	47
29	Heterocyclic quinol-type fluorophores. Part 2. Solid-state fluorescence enhancement behaviour of benzofurano[3,2-b]naphthoquinol-typeThe IUPAC name for the parent benzofurano[3,2-b]naphthoquinone is naphtho[2,3-b]benzofuran-6,11-dione. clathrate hosts upon inclusion of amine moleculesElectronic 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/b109202m/. Perkin Transactions II RSC, 2002, , 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. European Journal of Organic Chemistry, 2007, 2007, 3613-3621.	2.4	46
31	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.	10.3	46
32	Heterocyclic quinol-type fluorophores. Part 1. Synthesis of new benzofurano[3,2-b]naphthoquinolThe IUPAC name for the parent benzofurano[3,2-b]naphthoquinone is naphtho[2,3-b]benzofuran-6,11-dione. derivatives and their photophysical properties in solution and in the crystalline stateElectronic 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/. Perkin Transactions II RSC, 2002, , 700-707.	1.1	45
33	Synthesis of Bis(diarylphosphino)dithienosilole Derivatives as Novel Photo- and Electroluminescence Materials. Organometallics, 2007, 26, 6591-6595.	2.3	44
34	Dyeâ€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 TiO₂ Films. European Journal of Organic Chemistry, 2010, 2010, 92-100.	2.4	44
35	Hybrid conjugated polymers with alternating dithienosilole or dithienogermole and tricoordinate boron units. Polymer Chemistry, 2018, 9, 291-299.	3.9	44
36	Photovoltaic performance of dye-sensitized solar cells based on donorâ€"acceptor Ï€-conjugated benzofuro[2,3-c]oxazolo[4,5-a]carbazole-type fluorescent dyes with a carboxyl group at different positions of the chromophore skeleton. Organic and Biomolecular Chemistry, 2007, 5, 2046-2054.	2.8	43

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37	Photovoltaic performance of dye-sensitized solar cells based on a series of new-type donorâ€“acceptor Ï€-conjugated sensitizer, benzofuro[2,3-c]oxazolo[4,5-a]carbazole fluorescent dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 203, 177-185.	3.9	42
38	Highly sensitive fluorescence PET (photo-induced electron transfer) sensor for water based on anthraceneâ€“bisboronic acid ester. RSC Advances, 2012, 2, 7666.	3.6	42
39	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.	2.8	42
40	Fluorescence sensor for water based on PET (photo-induced electron transfer): Anthracene-bis(aminomethyl)phenylboronic acid ester. Dyes and Pigments, 2015, 123, 248-253.	3.7	40
41	Synthesis of Group 14 Dipyridinometalloles with Enhanced Electron-Deficient Properties and Solid-State Phosphorescence. Organometallics, 2014, 33, 517-521.	2.3	39
42	Synthesis and Properties of Benzofuran-Fused Silole and Germole Derivatives: Reversible Dimerization and Crystal Structures of Monomers and Dimers. Organometallics, 2016, 35, 2327-2332.	2.3	39
43	Design and Syntheses of Highly Emissive Aminobenzopyrano-xanthene Dyes in the Visible and Far-Red Regions. Organic Letters, 2014, 16, 258-261.	4.6	38
44	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.	10.3	38
45	Water-tunable solvatochromic and nanoaggregate fluorescence: dual colour visualisation and quantification of trace water in tetrahydrofuran. Physical Chemistry Chemical Physics, 2017, 19, 1209-1216.	2.8	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. Chemistry Letters, 2006, 35, 902-903.	1.3	36
47	Dye-sensitized solar cells based on novel donorâ€“acceptor Ï€-conjugated benzofuro[2,3-c]oxazolo[4,5-a]carbazole-type fluorescent dyes exhibiting solid-state fluorescence. New Journal of Chemistry, 2007, 31, 2076.	2.8	36
48	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.	2.8	35
49	Heterocyclic Quinolâ€Type Fluorophores: Solidâ€State Fluorescence Change in Crystals of Benzo[<i>b</i>]naphtho[1,2â€<i>d</i>]furanâ€6â€oneâ€Type Fluorophore upon Inclusion of Organic Solvent Molecules. European Journal of Organic Chemistry, 2008, 2008, 2564-2570.	2.4	34
50	Synthesis and fluorescence and electrochemical properties of Dâ€“Ï€-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. Organic and Biomolecular Chemistry, 2010, 8, 2756.	2.8	33
51	Synthesis of diphenylamino-carbazole substituted BODIPY dyes and their photovoltaic performance in dye-sensitized solar cells. RSC Advances, 2013, 3, 18099.	3.6	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. Dyes and Pigments, 2009, 82, 58-64.	3.7	32
53	ESR Study on the Reversible Electron Transfer from O₂^{2âˆ’}to Ti⁴⁺on TiO₂Nanoparticles Induced by Visible-Light Illumination. Journal of Physical Chemistry C, 2009, 113, 1160-1163.	3.1	32
54	Synthesis, characterization, and photovoltaic applications of dithienogermole-dithienylbenzothiadiazole and -dithienylthiazolothiazole copolymers. Polymer, 2011, 52, 3912-3916.	3.8	32

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55	Synthesis, Optical Properties, and Crystal Structures of Dithienostannoles. Organometallics, 2013, 32, 4136-4141.	2.3	32
56	Solvatochromism of novel donorâ€"Ï€â€"acceptor type pyridinium dyes in halogenated and non-halogenated solvents. New Journal of Chemistry, 2009, 33, 2311.	2.8	31
57	Specific solvatochromism of Dâ€"Ï€-A type pyridinium dyes bearing various counter anions in halogenated solvents. Tetrahedron, 2013, 69, 1755-1760.	1.9	28
58	Aggregation-induced emission (AIE) characteristic of water-soluble tetraphenylethene (TPE) bearing four sulfonate salts. New Journal of Chemistry, 2017, 41, 4747-4749.	2.8	28
59	Solidâ€State Fluorescence Changes of 2â€(4â€Cyanophenyl)â€5â€[4â€(diethylamino)phenyl]â€3<i>H</i>â€imidazo[4,5â€<i>a</i>]naphthalene upon Inclusion of Organic Solvent Molecules. European Journal of Organic Chemistry, 2008, 2008, 5899-5906.	2.4	27
60	Electrosynthesis and charge-transport properties of poly(3â€²,4â€²-ethylenedioxy-2,2â€²:5â€²,2â€²â€²-terthiophene). Materials Chemistry and Physics, 2012, 131, 752-756.	4.0	27
61	Preparation and Reactions of Dichlorodithienogermoles. Organometallics, 2015, 34, 5609-5614.	2.3	27
62	Synthesis of organic photosensitizers containing dithienogermole and thiadiazolo[3,4-c]pyridine units for dye-sensitized solar cells. Dalton Transactions, 2016, 45, 13817-13826.	3.3	27
63	Synthesis, Properties, and Polymerization of Spiro[(dipyridinogermole)(dithienogermole)]. Organometallics, 2016, 35, 20-26.	2.3	27
64	Phenazine-based photosensitizers for singlet oxygen generation. Materials Chemistry Frontiers, 2020, 4, 589-596.	5.9	27
65	Improvement of photovoltages in organic dye-sensitized solar cells by Li intercalation in particulate TiO2 electrodes. Applied Physics Letters, 2007, 90, 103517.	3.3	26
66	Attachment of Disilanyleneâ€"Oligothienylene Polymers on TiO2 Surface by Photochemical Cleavage of the Siâ€"Si Bonds. Chemistry Letters, 2008, 37, 316-317.	1.3	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. Tetrahedron, 2010, 66, 7954-7960.	1.9	24
68	Synthesis and Optical Properties of Dithienostiboles. Chemistry Letters, 2012, 41, 1002-1003.	1.3	24
69	Control of Molecular Arrangement and/or Orientation of Dâ€"Ï€â€"A Fluorescent Dyes for Dye-sensitized Solar Cells. Chemistry Letters, 2012, 41, 1384-1396.	1.3	24
70	BODIPY dye possessing solid-state red fluorescence and green metallic luster properties in both crystalline and amorphous states. RSC Advances, 2014, 4, 1163-1167.	3.6	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. Physical Chemistry Chemical Physics, 2016, 18, 30662-30676.	2.8	24
72	Development of an intramolecular charge transfer-type colorimetric and fluorescence sensor for water by fusion with a juloidine structure and complexation with boron trifluoride. RSC Advances, 2019, 9, 31466-31473.	3.6	24

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73	Development of Dâ€“Ï€â€“A dyes with a pyrazine ring as an electron-withdrawing anchoring group for dye-sensitized solar cells. RSC Advances, 2014, 4, 30225.	3.6	23
74	Effective co-sensitization using Dâ€“Ï€â€“A dyes with a pyridyl group adsorbing at BrÃ¸nsted acid sites and Lewis acid sites on a TiO₂ surface for dye-sensitized solar cells. RSC Advances, 2015, 5, 2531-2535.	3.6	23
75	Synthesis, optical and electrochemical properties, and photovoltaic performance of a panchromatic and near-infrared (D)₂â€“Ï€â€“A type BODIPY dye with pyridyl group or cyanoacrylic acid. RSC Advances, 2017, 7, 13072-13081.	3.6	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.	3.3	23
77	A New Class of Fluorescent Dye for Sensing Water in Organic Solvents by Photoâ€Induced Electron Transfer â€“ A (Phenylamino)naphtho[1,2â€<i>d</i>]oxazolâ€2â€ylâ€Type Fluorophore with both Protonâ€Binding and Protonâ€Donating Sites. European Journal of Organic Chemistry, 2008, 2008, 5239-5243.	2.4	22
78	Dye-sensitized solar cells based on a functionally separated Dâ€“Ï€â€“A fluorescent dye with an aldehyde as an electron-accepting group. New Journal of Chemistry, 2013, 37, 2336.	2.8	22
79	Synthesis, optical, electrochemical and photovoltaic properties of a Dâ€“Ï€â€“A fluorescent dye with triazine ring as electron-withdrawing anchoring group for dye-sensitized solar cells. RSC Advances, 2015, 5, 21012-21018.	3.6	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.	2.5	22
81	Synthesis, Properties, and Complex Formation of Antimony- and Bismuth-Bridged Bipyridyls. Organometallics, 2019, 38, 1516-1523.	2.3	22
82	Development of fluorescent sensors based on a combination of PET (photo-induced electron transfer) and FRET (FÃ¶rster resonance energy transfer) for detection of water. Materials Advances, 2020, 1, 354-362.	5.4	22
83	A facile synthesis of solid-emissive fluorescent dyes: dialkylbenzo[b]naphtho[2,1-d]furan-6-one-type fluorophores with strong blue and green fluorescence emission properties. Tetrahedron Letters, 2007, 48, 5791-5793.	1.4	21
84	Synthesis of organosilicon polymers containing donorâ€“acceptor type Ï€-conjugated units and their applications to dye-sensitized solar cells. Journal of Organometallic Chemistry, 2007, 692, 801-805.	1.8	21
85	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.	3.6	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.	1.5	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.	4.8	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.	2.8	21
89	Influence of extended Ï€-conjugation units on carrier mobilities in conducting polymers. Chemical Physics Letters, 2006, 420, 387-390.	2.6	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.	2.8	20

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91	Mechanofluorochromism of carbazole-type Dâ€“Ï€â€“A fluorescent dyes. Tetrahedron, 2012, 68, 529-533.	1.9	20
92	Solid-state fluorescence properties and mechanofluorochromism ofÂDâ€“Ï€-A pyridinium dyes bearing various counter anions. Tetrahedron, 2013, 69, 5818-5822.	1.9	20
93	Effect of Substituents in Catechol Dye Sensitizers on Photovoltaic Performance of Type II Dyeâ€Sensitized Solar Cells. ChemPhysChem, 2015, 16, 3049-3057.	2.1	20
94	Group 14 Dithienometallole-Linked Ethynylene-Conjugated Porphyrin Dimers. Inorganic Chemistry, 2016, 55, 7432-7441.	4.0	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). Materials Chemistry Frontiers, 2017, 1, 2243-2255.	5.9	20
96	Synthesis and specific solvatochromism of Dâ€“Ï€â€“A type pyridinium dye. Tetrahedron, 2012, 68, 8577-8580.	1.9	19
97	Synthesis of dithienosilole-based highly photoluminescent donorâ€“acceptor type compounds. Dalton Transactions, 2013, 42, 3646.	3.3	19
98	Synthesis and electrical properties of novel oligothiophenes partially containing 3,4-ethylenedioxythiophenes. RSC Advances, 2013, 4, 2501-2508.	3.6	19
99	Development of a functionally separated Dâ€“Ï€-A fluorescent dye with a pyrazyl group as an electron-accepting group for dye-sensitized solar cells. Organic Chemistry Frontiers, 2015, 2, 552-559.	4.5	19
100	Mitochondriaâ€Targeting Polyamineâ€“Protoporphyrin Conjugates for Photodynamic Therapy. ChemMedChem, 2018, 13, 15-19.	3.2	19
101	A new co-sensitization method employing Dâ€“Ï€â€“A dye with pyridyl group and Dâ€“Ï€â€“Cat dye with catechol unit for dye-sensitized solar cells. Dyes and Pigments, 2015, 122, 40-45.	3.7	18
102	Synthesis of Dâ€“A polymers with a disilanobithiophene donor and a pyridine or pyrazine acceptor and their applications to dye-sensitized solar cells. RSC Advances, 2015, 5, 36673-36679.	3.6	18
103	Synthesis of Poly(dithienogermole)s. Organometallics, 2016, 35, 2333-2338.	2.3	18
104	Dye-sensitized solar cell based on an inclusion complex of a cyclic porphyrin dimer bearing four 4-pyridyl groups and fullerene C₆₀. RSC Advances, 2016, 6, 16150-16158.	3.6	18
105	Synthesis and optical and photovoltaic properties of dithienosiloleâ€“dithienylpyridine and dithienosiloleâ€“pyridine alternate polymers and polymerâ€“B(C6F5)3 complexes. Polymer Journal, 2013, 45, 1153-1158.	2.7	17
106	Synthesis of Carbazoleâ€Type Dâ€Ï€â€A Fluorescent Dyes Possessing Solidâ€State Red Fluorescence Properties. European Journal of Organic Chemistry, 2012, 2012, 4853-4859.	2.4	16
107	Single oxygen generation sensitized by spiro(dipyridinogermole)(dithienogermole)s. Dalton Transactions, 2016, 45, 15679-15683.	3.3	16
108	Fused Ï€-conjugated imidazolium liquid crystals: synthesis, self-organization, and fluorescence properties. RSC Advances, 2016, 6, 9152-9159.	3.6	16

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109	Synthesis and optical and electrochemical properties of julolidine-structured pyrido[3,4-b]indole dye. Physical Chemistry Chemical Physics, 2017, 19, 3565-3574.	2.8	16
110	Singlet oxygen generation properties of an inclusion complex of cyclic free-base porphyrin dimer and fullerene C₆₀. RSC Advances, 2017, 7, 18690-18695.	3.6	16
111	Synthesis, optical and electrochemical properties of propeller-type 3,5,8-trithienyl-BODIPY dyes. Materials Chemistry Frontiers, 2020, 4, 2762-2771.	5.9	16
112	Template-free Formation of Microspheres Based on Poly(N-methylaniline). Polymer Journal, 2006, 38, 732-736.	2.7	15
113	Development of Dâ€"Ï€â€"A Fluorescent Dyes with a 3â€Pyridyl Group as Electronâ€Withdrawing Anchoring Group for Dyeâ€Sensitized Solar Cells. European Journal of Organic Chemistry, 2015, 2015, 3713-3720.	2.4	15
114	Fluorescent sensor for water based on photo-induced electron transfer and FÃ¶rster resonance energy transfer: anthracene-(aminomethyl)phenylboronic acid ester-BODIPY structure. RSC Advances, 2019, 9, 15335-15340.	3.6	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. Tetrahedron, 2009, 65, 1467-1474.	1.9	14
116	Highly efficient organic light-emitting diodes (OLEDs) based on an iridium complex with rigid cyclometalated ligand. Organic Electronics, 2010, 11, 632-640.	2.6	14
117	Drastic Solidâ€State Fluorescence Enhancement Behaviour of Phenanthro[9,10â€<i>d</i>]imidazoleâ€Type Fluorescent Hosts upon Inclusion of Carboxylic Acids. European Journal of Organic Chemistry, 2009, 2009, 5979-5990.	2.4	13
118	Charge transport properties of polymer films comprising oligothiophene in silsesquioxane network. Polymer Chemistry, 2011, 2, 868.	3.9	13
119	Oligothiophenes incorporated in a polysilsesquioxane network: application to tunable transparent conductive films. Journal of Materials Chemistry, 2012, 22, 16407.	6.7	13
120	Highly Efficient Cosensitized Plastic-Substrate Dye-Sensitized Solar Cells with Black Dye and Pyridine-Anchor Organic Dye. Bulletin of the Chemical Society of Japan, 2015, 88, 366-374.	3.2	13
121	Ligandâ€Free Copperâ€Catalyzed Cyanoâ€•and Alkynylstannylation of Arynes. ChemistrySelect, 2017, 2, 3212-3215.	1.5	13
122	Development of anchored oligothiophenes on substrates for the application to the tunable transparent conductive films. Polymer, 2009, 50, 6198-6201.	3.8	12
123	Nanosized starlike molecules. Synthesis and optical properties of 2,4,6-tris(disilanylenebithienylene)-1,3,5-triazine derivatives. Journal of Organometallic Chemistry, 2012, 702, 67-72.	1.8	12
124	Synthesis of novel dyes having EDOT-containing oligothiophenes as Ï€-linker for panchromatic dye-sensitized solar cells. Synthetic Metals, 2015, 207, 65-71.	3.9	12
125	Development of optical sensor for water in acetonitrile based on propeller-structured BODIPY-type pyridineâ€"boron trifluoride complex. RSC Advances, 2020, 10, 33836-33843.	3.6	12
126	Polymer films doped with fluorescent sensor for moisture and water droplet based on photo-induced electron transfer. RSC Advances, 2021, 11, 17046-17050.	3.6	12

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127	Synthesis of Specific Solvatochromic Dâ€Ï€â€A Dyes with Pyridinium Ring as Electronâ€Withdrawing Group for Dyeâ€Sensitized Solar Cells. European Journal of Organic Chemistry, 2013, 2013, 4533-4538.	2.4	11
128	Preparation and Photoinduced Energy and Electron Transfer of Donorâ€Siliconâ€Acceptor Polymers. Asian Journal of Organic Chemistry, 2014, 3, 170-175.	2.7	11
129	Synthesis of Dipyridinogermoleâ€"Copper Complex as Soluble Phosphorescent Material. Chemistry Letters, 2016, 45, 502-504.	1.3	11
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