# Yousuke Ooyama

List of Publications by Year
in descending order



| 193 | 6,033 | 81839 | 98753 |
|---|---|---|---|
| papers | citations | 39 h-index | 67 g-index |

| 195 | 195 | 195 | 5293 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tetraphenyletheneâ€“anthracene-based fluorescence emission sensor for the detection of water with photo-induced electron transfer and aggregation-induced emission characteristics. New Journal of Chemistry, 2022, 46, 12474-12481. | 1.4 | 7 |
| 2 | Mechanofluorochromism of (Dâ€“Ïâ€“)<sub>2</sub>A-type azine-based fluorescent dyes. RSC Advances, 2022, 12, 13797-13809. | 1.7 | 5 |
| 3 | Synthesis, photophysical and electrochemical properties of 1,1â€²,3,3â€²-tetrasubstituted-4,4â€²-bibenzo[c]thiophene derivatives with different substituents on the thiophene rings. New Journal of Chemistry, 2021, 45, 13258-13261. | 1.4 | 2 |
| 4 | Polymer films doped with fluorescent sensor for moisture and water droplet based on photo-induced electron transfer. RSC Advances, 2021, 11, 17046-17050. | 1.7 | 12 |
| 5 | Development of phenazine-2,3-diol-based photosensitizers: effect of formyl groups on singlet oxygen generation. Materials Chemistry Frontiers, 2021, 5, 5298-5304. | 3.2 | 8 |
| 6 | Synthesis, optical and electrochemical properties of 4,4â€²-bibenzo[c]thiophene derivatives. RSC Advances, 2021, 11, 18870-18880. | 1.7 | 6 |
| 7 | Development of 4,4â€²-bibenzo[c]thiophene fluorophores with substituents on the thiophene rings. New Journal of Chemistry, 2021, 45, 17085-17094. | 1.4 | 2 |
| 8 | 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 |
| 9 | Synthesis, Optical and Electrochemical Properties of Benzofuro[2,3-<i>c</i>]carbazoloquinol Fluorescent Dyes. Electrochemistry, 2021, 89, 562-566. | 0.6 | 0 |
| 10 | Synthesis of novel Ï€-extended Dâ€“Aâ€“D-type dipyrido[3,2-a:2â€²,3â€²-c]phenazine derivatives and their photosensitized singlet oxygen generation. New Journal of Chemistry, 2021, 45, 2264-2275. | 1.4 | 7 |
| 11 | Development of highly sensitive fluorescent sensor and fluorescent sensor-doped polymer films for trace amounts of water based on photo-induced electron transfer. Materials Advances, 2021, 2, 7662-7670. | 2.6 | 8 |
| 12 | Phenazine-based photosensitizers for singlet oxygen generation. Materials Chemistry Frontiers, 2020, 4, 589-596. | 3.2 | 27 |
| 13 | Synthesis, optical and electrochemical properties of propeller-type 3,5,8-trithienyl-BODIPY dyes. Materials Chemistry Frontiers, 2020, 4, 2762-2771. | 3.2 | 16 |
| 14 | Development of optical sensor for water in acetonitrile based on propeller-structured BODIPY-type pyridineâ€“boron trifluoride complex. RSC Advances, 2020, 10, 33836-33843. | 1.7 | 12 |
| 15 | 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. | 2.6 | 22 |
| 16 | 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 |
| 17 | Hydrophobic modification of SiO<sub>2</sub> surface with disilanobiphenyl and disilanobithiophene and the application to pentacene-based organic transistors. Composite Interfaces, 2019, 26, 221-231. | 1.3 | 0 |
| 18 | Synthesis, photophysical and electrochemical properties of pyridine, pyrazine and triazine-based (Dâ€“Ïâ€“)<sub>2</sub>A fluorescent dyes. Beilstein Journal of Organic Chemistry, 2019, 15, 1712-1721. | 1.3 | 10 |

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|---|---|---|---|
| 19 | Preparation and reactions of 4,4-dilithiodithienogermole. Journal of Organometallic Chemistry, 2019, 883, 47-51. | 0.8 | 2 |
| 20 | Colorimetric and ratiometric fluorescence sensing of water based on 9-methyl pyrido[3,4-b]indole-boron trifluoride complex. Dalton Transactions, 2019, 48, 2086-2092. | 1.6 | 23 |
| 21 | 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. | 1.7 | 15 |
| 22 | Synthesis of Pyridinothienogermoles as Unsymmetrically Condensed Germoles. Organometallics, 2019, 38, 1606-1613. | 1.1 | 6 |
| 23 | Synthesis, Properties, and Complex Formation of Antimony- and Bismuth-Bridged Bipyridyls. Organometallics, 2019, 38, 1516-1523. | 1.1 | 22 |
| 24 | Direct comparison of dithienosilole and dithienogermole as Ï€-conjugated linkers in photosensitizers for dye-sensitized solar cells. Dalton Transactions, 2019, 48, 16671-16678. | 1.6 | 10 |
| 25 | Development of an intramolecular charge transfer-type colorimetric and fluorescence sensor for water by fusion with a julolidine structure and complexation with boron trifluoride. RSC Advances, 2019, 9, 31466-31473. | 1.7 | 24 |
| 26 | Hydrophobic modification of SiO<sub>2</sub> surface by aminosilane derivatives. Composite Interfaces, 2019, 26, 15-25. | 1.3 | 6 |
| 27 | Mitochondriaâ€Targeting Polyamineâ€“Protoporphyrin Conjugates for Photodynamic Therapy. ChemMedChem, 2018, 13, 15-19. | 1.6 | 19 |
| 28 | Hybrid conjugated polymers with alternating dithienosilole or dithienogermole and tricoordinate boron units. Polymer Chemistry, 2018, 9, 291-299. | 1.9 | 44 |
| 29 | Synthesis and Photophysical and Electrochemical Properties of Structural Isomers of Pyrazine-Based D-Ï€-A-Ï€-D Fluorescent Dyes. Bulletin of the Chemical Society of Japan, 2018, 91, 1704-1709. | 2.0 | 7 |
| 30 | 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 |
| 31 | Optical and Photosensitizing Properties of Spiro(dipyridinogermole)(dithienogermole)s with Eletronâ€Donating Amino and Electronâ€Withdrawing Pyridinothiadiazole Substituents. ChemistrySelect, 2018, 3, 8604-8609. | 0.7 | 4 |
| 32 | A colorimetric and fluorescent sensor for water in acetonitrile based on intramolecular charge transfer: Dâ€“(Ï€â€“A)<sub>2</sub>-type pyridineâ€“boron trifluoride complex. Chemical Communications, 2018, 54, 10144-10147. | 2.2 | 51 |
| 33 | Synthesis and optical and electrochemical properties of julolidine-structured pyrido[3,4-b]indole dye. Physical Chemistry Chemical Physics, 2017, 19, 3565-3574. | 1.3 | 16 |
| 34 | Preparation of Dithienogermole-containing Polysilsesquioxane Films for Sensing Nitroaromatics. Chemistry Letters, 2017, 46, 438-441. | 0.7 | 4 |
| 35 | Synthesis, optical and electrochemical properties, and photovoltaic performance of a panchromatic and near-infrared (D)<sub>2</sub>â€“Ï€â€“A type BODIPY dye with pyridyl group or cyanoacrylic acid. RSC Advances, 2017, 7, 13072-13081. | 1.7 | 23 |
| 36 | Synthesis of (Benzofurano)(benzothieno)germole. ChemistrySelect, 2017, 2, 3106-3109. | 0.7 | 8 |

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| 37 | Singlet oxygen generation properties of an inclusion complex of cyclic free-base porphyrin dimer and fullerene C<sub>60</sub>. RSC Advances, 2017, 7, 18690-18695. | 1.7 | 16 |
| 38 | 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 |
| 39 | Synthesis of dithienogermole-containing polythiophenes. Synthetic Metals, 2017, 227, 87-92. | 2.1 | 3 |
| 40 | Studies on Spherically Distributed LUMO and Electron-Accepting Properties of Caged Hexakis(germasesquioxanes). Organometallics, 2017, 36, 2536-2540. | 1.1 | 9 |
| 41 | Ligandâ€Free Copperâ€Catalyzed Cyanoâ€•and Alkynylstannylation of Arynes. ChemistrySelect, 2017, 2, 3212-3215. | 0.7 | 13 |
| 42 | Dithienogermole-containing Dâ€“Ï€â€“Aâ€“Ï€â€“A Photosensitizers for Dye-sensitized Solar Cells. Chemistry Letters, 2017, 46, 310-312. | 0.7 | 11 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | Water-tunable solvatochromic and nanoaggregate fluorescence: dual colour visualisation and quantification of trace water in tetrahydrofuran. Physical Chemistry Chemical Physics, 2017, 19, 1209-1216. | 1.3 | 38 |
| 49 | Synthesis of a Conjugated D-A Polymer with Bi(disilanobithiophene) as a New Donor Component. Molecules, 2016, 21, 789. | 1.7 | 6 |
| 50 | Synthesis of Poly(dithienogermole)s. Organometallics, 2016, 35, 2333-2338. | 1.1 | 18 |
| 51 | Impact of the molecular structure and adsorption mode of Dâ€“Ï€â€“A dye sensitizers with a pyridyl group in dye-sensitized solar cells on the adsorption equilibrium constant for dye-adsorption on TiO<sub>2</sub> surface. Physical Chemistry Chemical Physics, 2016, 18, 32992-32998. | 1.3 | 10 |
| 52 | Single oxygen generation sensitized by spiro(dipyridinogermole)(dithienogermole)s. Dalton Transactions, 2016, 45, 15679-15683. | 1.6 | 16 |
| 53 | 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 |
| 54 | Synthesis of Dipyridinogermoleâ€“Copper Complex as Soluble Phosphorescent Material. Chemistry Letters, 2016, 45, 502-504. | 0.7 | 11 |

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| 55 | 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 |
| 56 | 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 |
| 57 | Group 14 Dithienometallole-Linked Ethynylene-Conjugated Porphyrin Dimers. Inorganic Chemistry, 2016, 55, 7432-7441. | 1.9 | 20 |
| 58 | Electrical Characteristics of Pentacene Films on Cross-Linked Polymeric Insulators of Varying Thicknesses. ACS Omega, 2016, 1, 784-788. | 1.6 | 2 |
| 59 | Synthesis of pentamethyldisilanyl-substituted starlike molecule with triazine core and its application to dye-sensitized solar cells. Journal of Organometallic Chemistry, 2016, 825-826, 63-68. | 0.8 | 5 |
| 60 | 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. | 1.3 | 24 |
| 61 | Enhanced photovoltaic performances of panchromatic EDOT-containing dye by introducing bulky dialkylfluorene units inÂdonor moiety. Dyes and Pigments, 2016, 132, 262-269. | 2.0 | 7 |
| 62 | Synthesis of silicon- or carbon-bridged polythiophenes and application to organic thin-film transistors. Polymer Journal, 2016, 48, 645-651. | 1.3 | 9 |
| 63 | Fused Ï€-conjugated imidazolium liquid crystals: synthesis, self-organization, and fluorescence properties. RSC Advances, 2016, 6, 9152-9159. | 1.7 | 16 |
| 64 | Dye-sensitized solar cell based on an inclusion complex of a cyclic porphyrin dimer bearing four 4-pyridyl groups and fullerene C<sub>60</sub>. RSC Advances, 2016, 6, 16150-16158. | 1.7 | 18 |
| 65 | Development of a Dâ€“Ï€â€“A pyrazinium photosensitizer possessing singlet oxygen generation. RSC Advances, 2016, 6, 5428-5435. | 1.7 | 9 |
| 66 | Synthesis, Properties, and Polymerization of Spiro[(dipyridinogermole)(dithienogermole)]. Organometallics, 2016, 35, 20-26. | 1.1 | 27 |
| 67 | 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. | 2.0 | 13 |
| 68 | Effect of Substituents in Catechol Dye Sensitizers on Photovoltaic Performance of Type II Dyeâ€Sensitized Solar Cells. ChemPhysChem, 2015, 16, 3049-3057. | 1.0 | 20 |
| 69 | 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 |
| 70 | 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. | 1.7 | 22 |
| 71 | 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 |
| 72 | Synthesis of novel dyes having EDOT-containing oligothiophenes as Ï€-linker for panchromatic dye-sensitized solar cells. Synthetic Metals, 2015, 207, 65-71. | 2.1 | 12 |

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|---|---|---|---|
| 73 | 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. | 2.3 | 19 |
| 74 | 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. | 2.0 | 18 |
| 75 | Reversible Near-Infrared/Blue Mechanofluorochromism of Aminobenzopyranoxanthene. Journal of the American Chemical Society, 2015, 137, 6436-6439. | 6.6 | 156 |
| 76 | Development of Dâ€“Ï€â€“A Fluorescent Dyes with a 3â€²-Pyridyl Group as Electronâ€“Withdrawing Anchoring Group for Dyeâ€“Sensitized Solar Cells. European Journal of Organic Chemistry, 2015, 2015, 3713-3720. | 1.2 | 15 |
| 77 | 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. | 1.7 | 18 |
| 78 | Photoinduced electron injection from an organic dye having a pyridyl anchor to Lewis acid site of TiO<sub>2</sub> surface. RSC Advances, 2015, 5, 71387-71392. | 1.7 | 10 |
| 79 | 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 |
| 80 | Development of Dâ€“Ï€â€“A dye with (pyridiniumyl)alkanesulfonate as electron-withdrawing anchoring group for dye-sensitized solar cell. Dyes and Pigments, 2015, 123, 349-354. | 2.0 | 9 |
| 81 | Preparation and Reactions of Dichlorodithienogermoles. Organometallics, 2015, 34, 5609-5614. | 1.1 | 27 |
| 82 | 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 TiO<sub>2</sub> surface for dye-sensitized solar cells. RSC Advances, 2015, 5, 2531-2535. | 1.7 | 23 |
| 83 | 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. | 1.7 | 23 |
| 84 | Preparation and Photoinduced Energy and Electron Transfer of Donorâ€“Siliconâ€“Acceptor Polymers. Asian Journal of Organic Chemistry, 2014, 3, 170-175. | 1.3 | 11 |
| 85 | Distibylation of Acetylenes with Ph<sub>2</sub>Sbâ€“SbPh<sub>2</sub>: Synthesis, Crystal Structures and Phosphorescence Properties of Bis(diphenylstibyl)ethenes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1181-1187. | 0.3 | 0 |
| 86 | Design and Syntheses of Highly Emissive Aminobenzopyrano-xanthene Dyes in the Visible and Far-Red Regions. Organic Letters, 2014, 16, 258-261. | 2.4 | 38 |
| 87 | Synthesis of Group 14 Dipyridinometalloles with Enhanced Electron-Deficient Properties and Solid-State Phosphorescence. Organometallics, 2014, 33, 517-521. | 1.1 | 39 |
| 88 | BODIPY dye possessing solid-state red fluorescence and green metallic luster properties in both crystalline and amorphous states. RSC Advances, 2014, 4, 1163-1167. | 1.7 | 24 |
| 89 | 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 |
| 90 | 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 |

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|---|---|---|---|
| 91 | A new cosensitization method using the Lewis acid sites of a TiO<sub>2</sub> photoelectrode for dye-sensitized solar cells. Chemical Communications, 2014, 50, 6398-6401. | 2.2 | 57 |
| 92 | 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 |
| 93 | Preparation of poly(disilanylenetetracyanobutadienyleneoligothienylene)s as new donorâ€“acceptor type organosilicon polymers. Journal of Organometallic Chemistry, 2014, 749, 255-260. | 0.8 | 9 |
| 94 | Effects of Ï€-conjugated side chains on properties and performances of photovoltaic copolymers. Synthetic Metals, 2014, 187, 30-36. | 2.1 | 9 |
| 95 | Low bandgap polymers with benzodithiophene and bisthienylacrylonitrile units for photovoltaic applications. European Polymer Journal, 2013, 49, 1634-1641. | 2.6 | 5 |
| 96 | Synthesis of diphenylamino-carbazole substituted BODIPY dyes and their photovoltaic performance in dye-sensitized solar cells. RSC Advances, 2013, 3, 18099. | 1.7 | 33 |
| 97 | Lewis-Acid Sites of TiO<sub>2</sub> Surface for Adsorption of Organic Dye Having Pyridyl Group as Anchoring Unit. Journal of Physical Chemistry C, 2013, 117, 16364-16370. | 1.5 | 70 |
| 98 | 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 |
| 99 | Synthesis of dithienosilole-based highly photoluminescent donorâ€“acceptor type compounds. Dalton Transactions, 2013, 42, 3646. | 1.6 | 19 |
| 100 | Specific solvatochromism of Dâ€“Ï€-A type pyridinium dyes bearing various counter anions in halogenated solvents. Tetrahedron, 2013, 69, 1755-1760. | 1.0 | 28 |
| 101 | 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 |
| 102 | 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. | 1.4 | 22 |
| 103 | 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. | 1.2 | 11 |
| 104 | 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. | 1.3 | 17 |
| 105 | Synthesis of donorâ€“acceptor type new organosilicon polymers and their applications to dye-sensitized solar cells. Journal of Organometallic Chemistry, 2013, 741-742, 97-101. | 0.8 | 8 |
| 106 | Solid-state fluorescence properties and mechanofluorochromism ofÂDâ€“Ï€-A pyridinium dyes bearing various counter anions. Tetrahedron, 2013, 69, 5818-5822. | 1.0 | 20 |
| 107 | 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 |
| 108 | Synthesis, Optical Properties, and Crystal Structures of Dithienostannoles. Organometallics, 2013, 32, 4136-4141. | 1.1 | 32 |

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| 109 | Development of Dye-Sensitized Solar Cells Based on D-^\|^pi;-A Pyridinium Dye without Carboxylic Acid Moiety as Anchoring Group. Electrochemistry, 2013, 81, 325-327. | 0.6 | 2 |
| 110 | Synthesis and electrical properties of novel oligothiophenes partially containing 3,4-ethylenedioxythiophenes. RSC Advances, 2013, 4, 2501-2508. | 1.7 | 19 |
| 111 | Synthesis and Optical Properties of Dithienostiboles. Chemistry Letters, 2012, 41, 1002-1003. | 0.7 | 24 |
| 112 | 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. | 0.7 | 24 |
| 113 | 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 |
| 114 | Oligothiophenes incorporated in a polysilsesquioxane network: application to tunable transparent conductive films. Journal of Materials Chemistry, 2012, 22, 16407. | 6.7 | 13 |
| 115 | Intermolecular distances of carboxylated TEMPO derivatives on TiO2 evaluated by spin-probe ESR. Physical Chemistry Chemical Physics, 2012, 14, 15988. | 1.3 | 6 |
| 116 | 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. | 0.8 | 12 |
| 117 | Synthesis of disilanylene polymers with donorâ€“acceptor-type Ï€-conjugated units and applications to dye-sensitized solar cells. Journal of Organometallic Chemistry, 2012, 719, 30-35. | 0.8 | 10 |
| 118 | Synthesis and specific solvatochromism of Dâ€“Ï€â€“A type pyridinium dye. Tetrahedron, 2012, 68, 8577-8580. | 1.0 | 19 |
| 119 | Development of a simple method for fabrication of transparent conductive films with high mechanical strength. Science and Technology of Advanced Materials, 2012, 13, 045005. | 2.8 | 10 |
| 120 | Synthesis of a Novel Family of Polysilsesquioxanes Having Oligothiophenes with Well-Defined Structures. International Journal of Polymer Science, 2012, 2012, 1-10. | 1.2 | 5 |
| 121 | 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. | 1.2 | 16 |
| 122 | Photophysical and Electrochemical Properties, and Molecular Structures of Organic Dyes for Dyeâ€Sensitized Solar Cells. ChemPhysChem, 2012, 13, 4032-4080. | 1.0 | 319 |
| 123 | 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. | 2.0 | 27 |
| 124 | Mechanofluorochromism of carbazole-type Dâ€Ï€â€A fluorescent dyes. Tetrahedron, 2012, 68, 529-533. | 1.0 | 20 |
| 125 | Fluorescence PET (photo-induced electron transfer) sensors for water based on anthraceneâ€boronic acid ester. Chemical Communications, 2011, 47, 4448. | 2.2 | 118 |
| 126 | Detection of water in organic solvents by photo-induced electron transfer method. Organic and Biomolecular Chemistry, 2011, 9, 1314-1316. | 1.5 | 93 |

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|---|---|---|---|
| 127 | New molecular design of donor-Ï€-acceptor dyes for dye-sensitized solar cells: control of molecular orientation and arrangement on TiO<sub>2</sub>surface. New Journal of Chemistry, 2011, 35, 111-118. | 1.4 | 63 |
| 128 | Charge transport properties of polymer films comprising oligothiophene in silsesquioxane network. Polymer Chemistry, 2011, 2, 868. | 1.9 | 13 |
| 129 | Synthesis of Dithienogermole-Containing Ï€-Conjugated Polymers and Applications to Photovoltaic Cells. Organometallics, 2011, 30, 3233-3236. | 1.1 | 76 |
| 130 | Molecular design of mechanofluorochromic dyes and their solid-state fluorescence properties. Journal of Materials Chemistry, 2011, 21, 8372. | 6.7 | 136 |
| 131 | Hybridization of Carbon Nanotubes with Siâ€“Ï€ Polymers and Attachment of Resulting Hybrids to TiO2 Surface. Chemistry Letters, 2011, 40, 87-89. | 0.7 | 6 |
| 132 | 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. | 2.0 | 60 |
| 133 | Synthesis, characterization, and photovoltaic applications of dithienogermole-dithienylbenzothiadiazole and -dithienylthiazolothiazole copolymers. Polymer, 2011, 52, 3912-3916. | 1.8 | 32 |
| 134 | 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 |
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