# Fatih Algi

List of Publications by Year
in descending order



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|---|---|---|---|
| 48 papers | 1,434 citations | 304743 22 h-index | 315739 38 g-index |
| 53 all docs | 53 docs citations | 53 times ranked | 1155 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Aza-BODIPY-based Fluorescent and Colorimetric Sensors and Probes. Current Organic Synthesis, 2023, 20, 20-60. | 1.3 | 4 |
| 2 | Tb(III)-DO3A and BODIPY dyad as multimode responsive hypochlorite probe. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 264, 120310. | 3.9 | 2 |
| 3 | BODIPY and 2,3-Dihydrophthalazine-1,4-Dione Conjugates As Heavy Atom-Free Chemiluminogenic Photosensitizers. ACS Applied Bio Materials, 2021, 4, 5090-5098. | 4.6 | 8 |
| 4 | Eu(III)â€“DO3A and BODIPY dyad as a chemosensor for anthrax biomarker. Luminescence, 2021, 36, 1953-1960. | 2.9 | 8 |
| 5 | Fabrication of PAMP/Au and GO/PAMP/Au nanosensors for electrochemical detection of paracetamol in pharmaceutical preparations. Monatshefte FÃ¼r Chemie, 2021, 152, 1539-1552. | 1.8 | 5 |
| 6 | A phosphorescent fluoride probe based on Eu(Ä±Ä±Ä±)-DO3A clicked with a 2,5-di(thien-2-yl)pyrrole scaffold. New Journal of Chemistry, 2018, 42, 450-457. | 2.8 | 10 |
| 7 | Synthesis, chemiluminescence and energy transfer efficiency of 2,3-dihydrophthalazine-1,4-dione and BODIPY dyad. Dyes and Pigments, 2017, 140, 92-99. | 3.7 | 17 |
| 8 | Atomistic Engineering of Chemiluminogens: Synthesis, Properties and Polymerization of 2,3-Dihydro-Pyrrolo[3,4-d]Pyridazine-1,4-Dione Scaffolds. Journal of Fluorescence, 2017, 27, 509-519. | 2.5 | 11 |
| 9 | Synthesis, properties, and electrochemistry of a photochromic compound based on dithienylethene and ProDOT. Turkish Journal of Chemistry, 2015, 39, 139-148. | 1.2 | 1 |
| 10 | An imidazo-phenanthroline scaffold enables both chromogenic Fe(<scp>ii</scp>) and fluorogenic Zn(<scp>ii</scp>) detection. RSC Advances, 2015, 5, 7868-7873. | 3.6 | 22 |
| 11 | A novel turn-off fluorescent Pb(II) probe based on 2,5-di(thien-2-yl)pyrrole with a pendant crown ether. Tetrahedron Letters, 2015, 56, 602-607. | 1.4 | 15 |
| 12 | A novel dual channel responsive zinc(II) probe. Tetrahedron Letters, 2014, 55, 5555-5559. | 1.4 | 21 |
| 13 | Design, synthesis, photochromism and electrochemistry of a novel material with pendant photochromic units. Tetrahedron, 2014, 70, 5064-5072. | 1.9 | 7 |
| 14 | Design and synthesis of new 4,4â€²-difluoro-4-bora-3a,4a-diaza-s-indacene based electrochromic polymers. Electrochimica Acta, 2013, 109, 766-774. | 5.2 | 19 |
| 15 | A new processable and fluorescent polydithienylpyrrole electrochrome with pyrene appendages. Electrochimica Acta, 2013, 90, 295-301. | 5.2 | 26 |
| 16 | A new electrochromic copolymer based on dithienylpyrrole and EDOT. Organic Electronics, 2013, 14, 1094-1102. | 2.6 | 22 |
| 17 | Nonreaction-based fluorescent Au3+ probe that gives fast response in aqueous solution. Tetrahedron, 2013, 69, 2048-2051. | 1.9 | 27 |
| 18 | Incorporation of a 2,3-dihydro-1H-pyrrolo[3,4-d]pyridazine-1,4(6H)-dione unit into a donorâ€“acceptor triad: synthesis and ion recognition features. Tetrahedron Letters, 2012, 53, 7117-7120. | 1.4 | 18 |

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|---|---|---|---|
| 19 | Synthesis of a novel on/off fluorescent cadmium(II) probe. Tetrahedron Letters, 2012, 53, 7010-7012. | 1.4 | 25 |
| 20 | Members of CMY Color Space: Cyan and Magenta Colored Polymers Based on Oxadiazole Acceptor Unit. Macromolecules, 2012, 45, 729-734. | 4.8 | 53 |
| 21 | A novel terthienyl based polymer electrochrome with peripheral BODIPY. Polymer, 2012, 53, 3469-3475. | 3.8 | 15 |
| 22 | Triple channel responsive Cu2+ probe. Chemical Communications, 2012, 48, 10219. | 4.1 | 41 |
| 23 | Donorâ€“acceptor polymer electrochromes with cyan color: Effect of alkyl chain length on doping processes. Organic Electronics, 2012, 13, 206-213. | 2.6 | 24 |
| 24 | A neutral state yellow to navy polymer electrochrome with pyrene scaffold. Organic Electronics, 2011, 12, 1505-1511. | 2.6 | 23 |
| 25 | A Diverseâ€Stimuli Responsive Chemiluminescent Probe with Luminol Scaffold and Its Electropolymerization. Electroanalysis, 2010, 22, 2254-2260. | 2.9 | 34 |
| 26 | A new soluble neutral state black electrochromic copolymer via a donorâ€“acceptor approach. Organic Electronics, 2010, 11, 1255-1260. | 2.6 | 95 |
| 27 | A new low-voltage-driven polymeric electrochromic. Polymer, 2010, 51, 62-68. | 3.8 | 27 |
| 28 | Donorâ^'Acceptor Polymer Electrochromes with Tunable Colors and Performance. Chemistry of Materials, 2010, 22, 4034-4044. | 6.7 | 139 |
| 29 | Synthesis of Novel 1,4-Benzoquinone-Containing 1,2,3-Triazoles: An Entry Into a New Library. Synthesis, 2009, 2009, 1341-1347. | 2.3 | 4 |
| 30 | An ambipolar neutral state green polymeric electrochromic. Organic Electronics, 2009, 10, 704-710. | 2.6 | 29 |
| 31 | Electrochemical and optical properties of new soluble dithienylpyrroles based on azo dyes. Electrochimica Acta, 2009, 54, 1702-1709. | 5.2 | 41 |
| 32 | Synthesis and properties of a novel redox driven chemiluminescent material built on a terthienyl system. Tetrahedron, 2009, 65, 5776-5781. | 1.9 | 19 |
| 33 | An ambipolar low band gap material based on BODIPY and EDOT. Organic Electronics, 2009, 10, 453-458. | 2.6 | 42 |
| 34 | Synthesis and properties of 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY)-based conducting copolymers. Reactive and Functional Polymers, 2009, 69, 62-67. | 4.1 | 28 |
| 35 | An electrochromic and fluorescent polymer based on 1-(1-naphthyl)-2,5-di-2-thienyl-1H-pyrrole. Journal of Electroanalytical Chemistry, 2008, 614, 101-106. | 3.8 | 61 |
| 36 | A novel conducting polymer based on terthienyl system bearing strong electron-withdrawing substituents and its electrochromic device application. Journal of Electroanalytical Chemistry, 2008, 618, 87-93. | 3.8 | 23 |

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|---|---|---|---|
| 37 | A new conducting polymer bearing 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) subunit: Synthesis and characterization. Electrochimica Acta, 2008, 54, 786-792. | 5.2 | 90 |
| 38 | Processable electrochromic and fluorescent polymers based on N-substituted thienylpyrrole. Electrochimica Acta, 2008, 54, 665-670. | 5.2 | 54 |
| 39 | A Novel Neutral State Green Polymeric Electrochromic with Superior nâ€•and pâ€Doping Processes: Closer to Redâ€Blueâ€Green (RGB) Display Realization. Advanced Functional Materials, 2008, 18, 3583-3589. | 14.9 | 130 |
| 40 | An electroactive polymeric material and its voltammetric response towards alkali metal cations in neat water. Tetrahedron Letters, 2008, 49, 3530-3533. | 1.4 | 46 |
| 41 | A processable rainbow mimic fluorescent polymer and its unprecedented coloration efficiency in electrochromic device. Electrochimica Acta, 2008, 53, 2574-2578. | 5.2 | 89 |
| 42 | A 1:1 cocrystal of (1R,3S,4S,6R)-1,2,3,4,5,6-hexabromo-1,2,3,4,5,6-hexahydropentalene and (1R,2R,4S,5S)-1,2,3,4,5,6-hexabromo-1,2,4,5-tetrahydropentalene. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2466-o2468. | 0.2 | 0 |
| 43 | Simple, Mild, and Efficient Method for the Reduction of 1,4â€Benzoquinones to Hydroquinones by the Action of NaN3. Synthetic Communications, 2006, 36, 2293-2297. | 2.1 | 9 |
| 44 | Bromofluorocarbene addition to 6-phenylbicyclo[3.2.0]hept-6-ene: characterization and formation mechanism of the products. Arkivoc, 2006, 2006, 173-182. | 0.5 | 1 |
| 45 | Functionalization of saturated hydrocarbons. High temperature bromination of octahydropentalene. Part 19. Tetrahedron, 2005, 61, 11177-11183. | 1.9 | 8 |
| 46 | Addition of Dibromocarbene to Cyclobutene: Characterization and Mechanism of Formation of the Products.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 47 | Addition of Dibromocarbene to Cyclobutene: Characterisation and Mechanism of Formation of the Products. Journal of Chemical Research, 2004, 2004, 658-660. | 1.3 | 6 |
| 48 | The first generation and trapping of a five-membered ring allene: 2-dehydro-3a,4,5,6,6a-pentahydropentalene. Tetrahedron Letters, 2002, 43, 3129-3131. | 1.4 | 32 |