

Fatih Algi

List of Publications by Year in descending order

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48
papers

1,434
citations

304743

22
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53
all docs

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docs citations

53
times ranked

1155
citing authors

#	ARTICLE	IF	CITATIONS
1	Donor-acceptor Polymer Electrochromes with Tunable Colors and Performance. <i>Chemistry of Materials</i> , 2010, 22, 4034-4044.	6.7	139
2	A Novel Neutral State Green Polymeric Electrochromic with Superior n-doping and p-doping Processes: Closer to Red-Blue-Green (RGB) Display Realization. <i>Advanced Functional Materials</i> , 2008, 18, 3583-3589.	14.9	130
3	A new soluble neutral state black electrochromic copolymer via a donor-acceptor approach. <i>Organic Electronics</i> , 2010, 11, 1255-1260.	2.6	95
4	A new conducting polymer bearing 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) subunit: Synthesis and characterization. <i>Electrochimica Acta</i> , 2008, 54, 786-792.	5.2	90
5	A processable rainbow mimic fluorescent polymer and its unprecedented coloration efficiency in electrochromic device. <i>Electrochimica Acta</i> , 2008, 53, 2574-2578.	5.2	89
6	An electrochromic and fluorescent polymer based on 1-(1-naphthyl)-2,5-di-2-thienyl-1H-pyrrole. <i>Journal of Electroanalytical Chemistry</i> , 2008, 614, 101-106.	3.8	61
7	Processable electrochromic and fluorescent polymers based on N-substituted thienylpyrrole. <i>Electrochimica Acta</i> , 2008, 54, 665-670.	5.2	54
8	Members of CMY Color Space: Cyan and Magenta Colored Polymers Based on Oxadiazole Acceptor Unit. <i>Macromolecules</i> , 2012, 45, 729-734.	4.8	53
9	An electroactive polymeric material and its voltammetric response towards alkali metal cations in neat water. <i>Tetrahedron Letters</i> , 2008, 49, 3530-3533.	1.4	46
10	An ambipolar low band gap material based on BODIPY and EDOT. <i>Organic Electronics</i> , 2009, 10, 453-458.	2.6	42
11	Electrochemical and optical properties of new soluble dithienylpyrroles based on azo dyes. <i>Electrochimica Acta</i> , 2009, 54, 1702-1709.	5.2	41
12	Triple channel responsive Cu ²⁺ probe. <i>Chemical Communications</i> , 2012, 48, 10219.	4.1	41
13	A Diverse-stimuli Responsive Chemiluminescent Probe with Luminol Scaffold and Its Electropolymerization. <i>Electroanalysis</i> , 2010, 22, 2254-2260.	2.9	34
14	The first generation and trapping of a five-membered ring allene: 2-dehydro-3a,4,5,6,6a-pentahydropentalene. <i>Tetrahedron Letters</i> , 2002, 43, 3129-3131.	1.4	32
15	An ambipolar neutral state green polymeric electrochromic. <i>Organic Electronics</i> , 2009, 10, 704-710.	2.6	29
16	Synthesis and properties of 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY)-based conducting copolymers. <i>Reactive and Functional Polymers</i> , 2009, 69, 62-67.	4.1	28
17	A new low-voltage-driven polymeric electrochromic. <i>Polymer</i> , 2010, 51, 62-68.	3.8	27
18	Nonreaction-based fluorescent Au ³⁺ probe that gives fast response in aqueous solution. <i>Tetrahedron</i> , 2013, 69, 2048-2051.	1.9	27

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19	A new processable and fluorescent polydithienylpyrrole electrochrome with pyrene appendages. <i>Electrochimica Acta</i> , 2013, 90, 295-301.	5.2	26
20	Synthesis of a novel on/off fluorescent cadmium(II) probe. <i>Tetrahedron Letters</i> , 2012, 53, 7010-7012.	1.4	25
21	Donor-acceptor polymer electrochromes with cyan color: Effect of alkyl chain length on doping processes. <i>Organic Electronics</i> , 2012, 13, 206-213.	2.6	24
22	A novel conducting polymer based on terthienyl system bearing strong electron-withdrawing substituents and its electrochromic device application. <i>Journal of Electroanalytical Chemistry</i> , 2008, 618, 87-93.	3.8	23
23	A neutral state yellow to navy polymer electrochrome with pyrene scaffold. <i>Organic Electronics</i> , 2011, 12, 1505-1511.	2.6	23
24	A new electrochromic copolymer based on dithienylpyrrole and EDOT. <i>Organic Electronics</i> , 2013, 14, 1094-1102.	2.6	22
25	An imidazo-phenanthroline scaffold enables both chromogenic Fe(II) and fluorogenic Zn(II) detection. <i>RSC Advances</i> , 2015, 5, 7868-7873.	3.6	22
26	A novel dual channel responsive zinc(II) probe. <i>Tetrahedron Letters</i> , 2014, 55, 5555-5559.	1.4	21
27	Synthesis and properties of a novel redox driven chemiluminescent material built on a terthienyl system. <i>Tetrahedron</i> , 2009, 65, 5776-5781.	1.9	19
28	Design and synthesis of new 4,4'-difluoro-4-bora-3a,4a-diaza-s-indacene based electrochromic polymers. <i>Electrochimica Acta</i> , 2013, 109, 766-774.	5.2	19
29	Incorporation of a 2,3-dihydro-1H-pyrrolo[3,4-d]pyridazine-1,4(6H)-dione unit into a donor-acceptor triad: synthesis and ion recognition features. <i>Tetrahedron Letters</i> , 2012, 53, 7117-7120.	1.4	18
30	Synthesis, chemiluminescence and energy transfer efficiency of 2,3-dihydrophthalazine-1,4-dione and BODIPY dyad. <i>Dyes and Pigments</i> , 2017, 140, 92-99.	3.7	17
31	A novel terthienyl based polymer electrochrome with peripheral BODIPY. <i>Polymer</i> , 2012, 53, 3469-3475.	3.8	15
32	A novel turn-off fluorescent Pb(II) probe based on 2,5-di(thien-2-yl)pyrrole with a pendant crown ether. <i>Tetrahedron Letters</i> , 2015, 56, 602-607.	1.4	15
33	Atomistic Engineering of Chemiluminogens: Synthesis, Properties and Polymerization of 2,3-Dihydro-Pyrrolo[3,4-d]Pyridazine-1,4-Dione Scaffolds. <i>Journal of Fluorescence</i> , 2017, 27, 509-519.	2.5	11
34	A phosphorescent fluoride probe based on Eu(III)-DO3A clicked with a 2,5-di(thien-2-yl)pyrrole scaffold. <i>New Journal of Chemistry</i> , 2018, 42, 450-457.	2.8	10
35	Simple, Mild, and Efficient Method for the Reduction of 1,4-Benzoquinones to Hydroquinones by the Action of NaN ₃ . <i>Synthetic Communications</i> , 2006, 36, 2293-2297.	2.1	9
36	Functionalization of saturated hydrocarbons. High temperature bromination of octahydropentalene. Part 19. <i>Tetrahedron</i> , 2005, 61, 11177-11183.	1.9	8

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37	BODIPY and 2,3-Dihydrophthalazine-1,4-Dione Conjugates As Heavy Atom-Free Chemiluminogenic Photosensitizers. <i>ACS Applied Bio Materials</i> , 2021, 4, 5090-5098.	4.6	8
38	Eu(III)-DO3A and BODIPY dyad as a chemosensor for anthrax biomarker. <i>Luminescence</i> , 2021, 36, 1953-1960.	2.9	8
39	Design, synthesis, photochromism and electrochemistry of a novel material with pendant photochromic units. <i>Tetrahedron</i> , 2014, 70, 5064-5072.	1.9	7
40	Addition of Dibromocarbene to Cyclobutene: Characterisation and Mechanism of Formation of the Products. <i>Journal of Chemical Research</i> , 2004, 2004, 658-660.	1.3	6
41	Fabrication of PAMP/Au and GO/PAMP/Au nanosensors for electrochemical detection of paracetamol in pharmaceutical preparations. <i>Monatshefte für Chemie</i> , 2021, 152, 1539-1552.	1.8	5
42	Synthesis of Novel 1,4-Benzoquinone-Containing 1,2,3-Triazoles: An Entry Into a New Library. <i>Synthesis</i> , 2009, 2009, 1341-1347.	2.3	4
43	Aza-BODIPY-based Fluorescent and Colorimetric Sensors and Probes. <i>Current Organic Synthesis</i> , 2023, 20, 20-60.	1.3	4
44	Tb(III)-DO3A and BODIPY dyad as multimode responsive hypochlorite probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120310.	3.9	2
45	Synthesis, properties, and electrochemistry of a photochromic compound based on dithienylethene and ProDOT. <i>Turkish Journal of Chemistry</i> , 2015, 39, 139-148.	1.2	1
46	Bromofluorocarbene addition to 6-phenylbicyclo[3.2.0]hept-6-ene: characterization and formation mechanism of the products. <i>Arkivoc</i> , 2006, 2006, 173-182.	0.5	1
47	Addition of Dibromocarbene to Cyclobutene: Characterization and Mechanism of Formation of the Products.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
48	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. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o2466-o2468.	0.2	0