

Nejmeddine Smida Jaballah

List of Publications by Year in descending order

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34
papers

411
citations

759055

12
h-index

794469

19
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35
all docs

35
docs citations

35
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of a novel hydride polymer P-DSBT/ZnO nano-composite for optoelectronic applications. <i>Journal of Molecular Liquids</i> , 2019, 287, 110963.	2.3	49
2	Selective Detection of Dopamine in Presence of Ascorbic Acid by Use of Glassyâ€Carbon Electrode Modified with Aminoâ€Cyclodextrin and Carbon Nanotubes. <i>Electroanalysis</i> , 2014, 26, 2747-2753.	1.5	35
3	Luminescent cotton fibers coated with fluorescein dye for anti-counterfeiting applications. <i>Materials Chemistry and Physics</i> , 2019, 234, 304-310.	2.0	35
4	Blue-luminescent poly(p-phenylenevinylene) derivatives: Synthesis and effect of side-group size on the optical properties. <i>European Polymer Journal</i> , 2011, 47, 78-87.	2.6	23
5	Shedding light on structural, optoelectronic and charge transport properties of PPV stereoisomers for multilayer OLED application: A first principle computational studies. <i>Journal of Molecular Liquids</i> , 2019, 284, 193-202.	2.3	19
6	Synthesis and characterization of new anthracene-based semi-conducting materials. <i>Journal of Materials Science</i> , 2012, 47, 8067-8075.	1.7	18
7	Optical and electrical characterization of thin films based on anthracene polyether polymers. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 851-858.	1.9	18
8	New bithiophene-containing electroluminescent polymer: Synthesis, characterization, optical and electrical properties. <i>Optical Materials</i> , 2015, 50, 144-153.	1.7	17
9	Synthesis and characterization of new electroluminescent poly(p-phenylene) derivative. <i>Synthetic Metals</i> , 2011, 161, 1463-1468.	2.1	16
10	New anthracene-based soluble polymers: optical and charge carrier transport properties. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	15
11	PPV derivative/ZnO nanorods heterojunction: Fabrication, Characterization and Near-UV light sensor development. <i>Materials Research Bulletin</i> , 2018, 106, 28-34.	2.7	15
12	Synthesis and thin films characterization of new anthracene-core molecules for opto-electronic applications. <i>Physica B: Condensed Matter</i> , 2009, 404, 1912-1916.	1.3	12
13	Vinylene-versus azomethine-bridged carbazole-based polymers for light emission and sensor applications. <i>Journal of Molecular Structure</i> , 2021, 1244, 130994.	1.8	12
14	New Blue-Photoluminescent Semi-Conducting Polymer Derived from Fluorinated Bisphenol A. <i>High Performance Polymers</i> , 2010, 22, 483-497.	0.8	10
15	Water-insoluble cyclodextrin membranes for humidity detection: green synthesis, characterization and sensing performances. <i>Journal of Materials Science</i> , 2018, 53, 1455-1469.	1.7	10
16	Polymer/Carbon Nanotube Based Nanocomposites for Photovoltaic Application: Functionalization, Structural, and Optical Properties. <i>Polymers</i> , 2022, 14, 1093.	2.0	10
17	Investigation of the electrical properties of a new PPV derivative-based on a sandwich structure for opto-electronic applications. <i>Physica B: Condensed Matter</i> , 2012, 407, 1051-1054.	1.3	9
18	New anthracene-based semi-conducting polymer analogue of poly(phenylene sulfide): Synthesis and photophysical properties. <i>Optical Materials</i> , 2015, 46, 401-408.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Electrical properties of a new sulfur-containing polymer for optoelectronic application. Applied Physics A: Materials Science and Processing, 2015, 119, 1335-1342.	1.1	8
20	Synthesis and study of morphological, optical and electrical properties of new organic semi conducting polymers containing isosorbide pendant group. Synthetic Metals, 2016, 221, 227-235.	2.1	8
21	Synthesis, characterization and optical properties of distyrylanthracene-based polymers. High Performance Polymers, 2011, 23, 290-299.	0.8	7
22	New Semiconducting Poly(arylene sulfide)s: Synthesis, Characterization, and Optical Properties. International Journal of Polymer Analysis and Characterization, 2014, 19, 594-610.	0.9	7
23	Effect of the side-chain size on the optical and electrical properties of confined-PPV derivatives. Superlattices and Microstructures, 2015, 85, 469-481.	1.4	7
24	New soluble anthracene-based polymer for opto-electronic applications. Journal of Materials Science, 2016, 51, 680-693.	1.7	7
25	New semi-conducting rotaxane based on β -cyclodextrin and anthracene moieties. Materials Science in Semiconductor Processing, 2015, 34, 189-197.	1.9	6
26	Synthesis, characterization and DFT study of new anthracene-based semiconducting polyethers for OLED application. Journal of Molecular Structure, 2022, 1251, 131993.	1.8	6
27	Effect of the spacer group nature on the optical and electrical properties of confined poly(p-phenylene vinylene) derivatives. Applied Physics A: Materials Science and Processing, 2015, 120, 897-908.	1.1	5
28	New semi-conducting poly(phenylene vinylene-alt-anthrylene vinylene)s: Synthesis, characterization and photophysical properties. Optical Materials, 2015, 50, 114-122.	1.7	4
29	Synthesis, characterization, optical and electrical properties of bis(phenylvinyl)anthracene-based polymers. Optical Materials, 2016, 58, 296-305.	1.7	4
30	Anthracene and β -Cyclodextrin Based Supramolecular Semi-Conducting Thin Film: Effect of the Encapsulation on the Optical and Electrical Properties. ChemistrySelect, 2022, 7, .	0.7	4
31	Efficient Bilayer Light-Emitting Diode Based on Distyrylarylene-Containing Polymers: Numerical and DFT Simulation. IEEE Transactions on Electron Devices, 2021, 68, 578-583.	1.6	3
32	Original polymer P-DSBT nano-composite with ZnO nanoparticles for gas sensor at room temperature. Polymer Bulletin, 2022, 79, 7827-7842.	1.7	2
33	Numerical DFT calculations on electronic, optical and charge transport properties of π -conjugated polymers for OLED application. , 2019, , .		1
34	2,2-Bis(3-chloromethyl-4-ethoxyphenyl)propane. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1360-o1360.	0.2	0