

# Xu Laidi

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

626  
citations

687363

13  
h-index

610901

24  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on Polyoxomolybdate [Mo <sub>8</sub> O <sub>26</sub> ] <sup>4-</sup> Based Crystalline Compound and Its Polypyrrole Nanocomposite as L-Cysteine Colorimetric Biosensor. <i>Journal of Cluster Science</i> , 2022, 33, 2463-2473.	3.3	4
2	Non-volatile ternary memristors based on a polymer containing a carbazole donor with CuO NPs embedded. <i>New Journal of Chemistry</i> , 2022, 46, 704-713.	2.8	3
3	Ternary Flash Memory with a Carbazole-Based Conjugated Copolymer: WS <sub>2</sub> Composites as Active Layers. <i>Langmuir</i> , 2022, 38, 3113-3121.	3.5	1
4	Ternary Electrical Memory Devices Based on Polycarbazole: SnO <sub>2</sub> Nanoparticles Composite Material. <i>Polymers</i> , 2022, 14, 1494.	4.5	2
5	Ternary Resistive Switching Memory Behavior of Polycarbazole:TiO <sub>2</sub> Nanoparticles-based Device. <i>Thin Solid Films</i> , 2022, , 139291.	1.8	1
6	Realizing the Conversion of Resistive Switching Behavior from Binary to Ternary by Adjusting the Charge Traps in the Polymers. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2807-2817.	4.3	6
7	Nonvolatile bistable memory device based on polyfluorene with Ag NPs doping materials. <i>Organic Electronics</i> , 2020, 78, 105549.	2.6	5
8	Multipurpose conjugated block copolymers based on novel triphenylamine derivatives and squaric acid for electrochromic and resistive memory devices. <i>Polymer Testing</i> , 2020, 81, 106245.	4.8	2
9	Novel D-A-D conjugated polymers based on tetraphenylethylene monomer for electrochromism. <i>Optical Materials</i> , 2020, 100, 109658.	3.6	8
10	Bistable non-volatile resistive memory devices based on ZnO nanoparticles embedded in polyvinylpyrrolidone. <i>RSC Advances</i> , 2020, 10, 14662-14669.	3.6	12
11	Bistable electrical switching and nonvolatile memory effect in poly (9,9-dioctylfluorene-2,7-diyl) and multiple-walled carbon nanotubes. <i>Organic Electronics</i> , 2019, 74, 110-117.	2.6	13
12	Novel Conjugated Side Chain Fluorinated Polymers Based on Fluorene for Light-Emitting and Ternary Flash Memory Devices. <i>ChemistryOpen</i> , 2019, 8, 1267-1275.	1.9	6
13	Novel carbazole-based donor-isoindolo[2,1- <i>a</i> ]benzimidazol-11-one acceptor polymers for ternary flash memory and light-emission. <i>RSC Advances</i> , 2019, 9, 27665-27673.	3.6	0
14	Flash memory devices and bistable nonvolatile resistance switching properties based on PFO doping with ZnO. <i>RSC Advances</i> , 2019, 9, 9392-9400.	3.6	6
15	Ternary Memory Devices Based on Bipolar Copolymers with Naphthalene Benzimidazole Acceptors and Fluorene/Carbazole Donors. <i>Macromolecules</i> , 2019, 52, 9364-9375.	4.8	20
16	Bistable electrical switching and nonvolatile memory effects by doping different amounts of GO in poly(9,9-dioctylfluorene-2,7-diyl). <i>RSC Advances</i> , 2018, 8, 6878-6886.	3.6	8
17	Design and Synthesis of $\alpha$ -Conversion Indium Oxide-Based Gas Sensor with High Sensitivity to NO <sub>x</sub> at Room Temperature. <i>ChemistrySelect</i> , 2018, 3, 2298-2305.	1.5	1
18	Fabrication of Co <sub>3</sub> O <sub>4</sub> /PEI-GO composites for gas-sensing applications at room temperature. <i>Materials Research Bulletin</i> , 2018, 102, 108-115.	5.2	20

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19	The Coordination and Luminescence of the Eu(III) Complexes with the Polymers (PMMA, PVP). <i>Polymers</i> , 2018, 10, 508.	4.5	14
20	Electrospinning preparation and luminescence properties of Eu <sub>2</sub> (PBT) <sub>3</sub> (NO <sub>3</sub> ) <sub>3</sub> /PMMA composite nanofibers. <i>Materials Chemistry and Physics</i> , 2018, 217, 486-492.	4.0	10
21	Synthesis and optical and electrochemical memory properties of fluorene- <i>tr</i> iphenylamine alternating copolymer. <i>RSC Advances</i> , 2017, 7, 10323-10332.	3.6	16
22	Fabrication of a graphene/C <sub>60</sub> nanohybrid via $\beta$ -cyclodextrin host-guest chemistry for photodynamic and photothermal therapy. <i>Nanoscale</i> , 2017, 9, 8825-8833.	5.6	85
23	Preparation and flash memory performance based on fluorene- <i>tr</i> iphenylamine copolymer (PF- <i>tr</i> PA)/MWCNTs. <i>RSC Advances</i> , 2017, 7, 54431-54440.	3.6	13
24	Note: A novel cantilever beam for low-frequency high performance piezoelectric geophone. <i>Review of Scientific Instruments</i> , 2017, 88, 066105.	1.3	9
25	A fingerprint sensor based on PVDF film for a manipulator. <i>Integrated Ferroelectrics</i> , 2017, 183, 91-99.	0.7	1
26	PVDF tactile sensors for detecting contact force and slip: A review. <i>Ferroelectrics</i> , 2016, 504, 31-45.	0.6	38
27	A biomimetic tactile sensing system based on polyvinylidene fluoride film. <i>Review of Scientific Instruments</i> , 2016, 87, 025002.	1.3	10
28	A novel unconstrained cardiorespiratory monitoring system during sleep. <i>Integrated Ferroelectrics</i> , 2016, 176, 63-72.	0.7	1
29	A shoe-equipped piezoelectric transducer system based on PVDF film. <i>Integrated Ferroelectrics</i> , 2016, 176, 140-149.	0.7	8
30	Wearable and unconstrained systems based on PVDF sensors in physiological signals monitoring: A brief review. <i>Ferroelectrics</i> , 2016, 500, 291-300.	0.6	20
31	The use of polyvinylidene fluoride (PVDF) films as sensors for vibration measurement: A brief review. <i>Ferroelectrics</i> , 2016, 502, 28-42.	0.6	85
32	Shoes-equipped piezoelectric transducer for energy harvesting: A brief review. <i>Ferroelectrics</i> , 2016, 493, 12-24.	0.6	52
33	Efficient covalent modification of graphene by diazo chemistry. <i>RSC Advances</i> , 2016, 6, 65422-65425.	3.6	4
34	Synthesis, electrochromic, halochromic and electro-optical properties of polyazomethines with a carbazole core and triarylamine units serving as functional groups. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3482-3493.	5.5	44
35	Synthesis and electrochromic, acidochromic properties of Schiff bases containing triphenylamine and thiophene units. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 398-406.	3.9	32
36	High photoelectric PPV/PVA/Ag composite nanofibers by co-electrospinning. <i>Journal of Polymer Engineering</i> , 2015, 35, 689-697.	1.4	1

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37	Electrospinning preparation, thermal, and luminescence properties of Eu <sub>2</sub> (BTP) <sub>3</sub> (Phen) <sub>2</sub> complex doped in PMMA. <i>Colloid and Polymer Science</i> , 2015, 293, 2201-2208.	2.1	18
38	Assembly and Property Study of a Keggin-Based Inorganic-Organic Supramolecular Compound. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 706-712.	3.7	7
39	Preparation and photoluminescent characterization of poly(phenylene vinylene)/TiO <sub>2</sub> nanoparticles composite nanofibers by one-step electrospinning. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1061-1068.	2.6	7
40	Bioenergetic responses in green lipped mussels ( <i>Perna viridis</i> ) as indicators of pollution stress in Xiamen coastal waters, China. <i>Marine Pollution Bulletin</i> , 2005, 51, 738-743.	5.0	33
41	Ternary Memory Behavior of Carbazole-Based Donor-Acceptor Polymer and CdS NPs Composites. <i>Macromolecular Chemistry and Physics</i> , 0, , 2200104.	2.2	0