Xu Laidi

List of Publications by Year
in descending order

41	626	687363	610901
papers	citations	13 h-index	24 g-index

41	41	41	1054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The use of polyvinylidene fluoride (PVDF) films as sensors for vibration measurement: A brief review. Ferroelectrics, 2016, 502, 28-42.	0.6	85
2	Fabrication of a graphene/C60 nanohybrid via Î³-cyclodextrin hostâ€“guest chemistry for photodynamic and photothermal therapy. Nanoscale, 2017, 9, 8825-8833.	5.6	85
3	Shoes-equipped piezoelectric transducer for energy harvesting: A brief review. Ferroelectrics, 2016, 493, 12-24.	0.6	52
4	Synthesis, electrochromic, halochromic and electro-optical properties of polyazomethines with a carbazole core and triarylamine units serving as functional groups. Journal of Materials Chemistry C, 2015, 3, 3482-3493.	5.5	44
5	PVDF tactile sensors for detecting contact force and slip: A review. Ferroelectrics, 2016, 504, 31-45.	0.6	38
6	Bioenergetic responses in green lipped mussels (Perna viridis) as indicators of pollution stress in Xiamen coastal waters, China. Marine Pollution Bulletin, 2005, 51, 738-743.	5.0	33
7	Synthesis and electrochromic, acidochromic properties of Schiff bases containing triphenylamine and thiophene units. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 140, 398-406.	3.9	32
8	Wearable and unconstrained systems based on PVDF sensors in physiological signals monitoring: A brief review. Ferroelectrics, 2016, 500, 291-300.	0.6	20
9	Fabrication of Co3O4/PEI-GO composites for gas-sensing applications at room temperature. Materials Research Bulletin, 2018, 102, 108-115.	5.2	20
10	Ternary Memory Devices Based on Bipolar Copolymers with Naphthalene Benzimidazole Acceptors and Fluorene/Carbazole Donors. Macromolecules, 2019, 52, 9364-9375.	4.8	20
11	Electrospinning preparation, thermal, and luminescence properties of Eu2(BTP)3(Phen)2 complex doped in PMMA. Colloid and Polymer Science, 2015, 293, 2201-2208.	2.1	18
12	Synthesis and optical and electrochemical memory properties of fluoreneâ€“triphenylamine alternating copolymer. RSC Advances, 2017, 7, 10323-10332.	3.6	16
13	The Coordination and Luminescence of the Eu(III) Complexes with the Polymers (PMMA, PVP). Polymers, 2018, 10, 508.	4.5	14
14	Preparation and flash memory performance based on fluoreneâ€“triphenylamine copolymer (PFâ€“TPA)/MWCNTs. RSC Advances, 2017, 7, 54431-54440.	3.6	13
15	Bistable electrical switching and nonvolatile memory effect in poly (9,9-dioctylfluorene-2,7-diyl) and multiple-walled carbon nanotubes. Organic Electronics, 2019, 74, 110-117.	2.6	13
16	Bistable non-volatile resistive memory devices based on ZnO nanoparticles embedded in polyvinylpyrrolidone. RSC Advances, 2020, 10, 14662-14669.	3.6	12
17	A biomimetic tactile sensing system based on polyvinylidene fluoride film. Review of Scientific Instruments, 2016, 87, 025002.	1.3	10
18	Electrospinning preparation and luminescence properties of Eu2(PBT)3(NO3)3/PMMA composite nanofibers. Materials Chemistry and Physics, 2018, 217, 486-492.	4.0	10

#	Article	IF	Citations
19	Note: A novel cantilever beam for low-frequency high performance piezoelectric geophone. Review of Scientific Instruments, 2017, 88, 066105.	1.3	9
20	A shoe-equipped piezoelectric transducer system based on PVDF film. Integrated Ferroelectrics, 2016, 176, 140-149.	0.7	8
21	Bistable electrical switching and nonvolatile memory effects by doping different amounts of GO in poly(9,9-dioctylfluorene-2,7-diyl). RSC Advances, 2018, 8, 6878-6886.	3.6	8
22	Novel D-A-D conjugated polymers based on tetraphenylethylene monomer for electrochromism. Optical Materials, 2020, 100, 109658.	3.6	8
23	Preparation and photoluminescent characterization of poly(phenylene vinylene)/TiO₂ nanoparticles composite nanofibers by oneâ€step electrospinning. Journal of Applied Polymer Science, 2012, 126, 1061-1068.	2.6	7
24	Assembly and Property Study of a Keggin-Based Inorganicâ€“Organic Supramolecular Compound. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 706-712.	3.7	7
25	Novel Conjugated Side Chain Fluorinated Polymers Based on Fluorene for Lightâ€Emitting and Ternary Flash Memory Devices. ChemistryOpen, 2019, 8, 1267-1275.	1.9	6
26	Flash memory devices and bistable nonvolatile resistance switching properties based on PFO doping with ZnO. RSC Advances, 2019, 9, 9392-9400.	3.6	6
27	Realizing the Conversion of Resistive Switching Behavior from Binary to Ternary by Adjusting the Charge Traps in the Polymers. ACS Applied Electronic Materials, 2021, 3, 2807-2817.	4.3	6
28	Nonvolatile bistable memory device based on polyfluorene with Ag NPs doping materials. Organic Electronics, 2020, 78, 105549.	2.6	5
29	Study on Polyoxomolybdate [Mo8O26]4â^' Based Crystalline Compound and Its Polypyrrole Nanocomposite as l-Cysteine Colorimetric Biosensor. Journal of Cluster Science, 2022, 33, 2463-2473.	3.3	4
30	Efficient covalent modification of graphene by diazo chemistry. RSC Advances, 2016, 6, 65422-65425.	3.6	4
31	Non-volatile ternary memristors based on a polymer containing a carbazole donor with CuO NPs embedded. New Journal of Chemistry, 2022, 46, 704-713.	2.8	3
32	Multipurpose conjugated block copolymers based on novel triphenylylamine derivatives and squaric acid for electrochromic and resistive memory devices. Polymer Testing, 2020, 81, 106245.	4.8	2
33	Ternary Electrical Memory Devices Based on Polycarbazole: SnO2 Nanoparticles Composite Material. Polymers, 2022, 14, 1494.	4.5	2
34	High photoelectric PPV/PVA/Ag composite nanofibers by co-electrospinning. Journal of Polymer Engineering, 2015, 35, 689-697.	1.4	1
35	A novel unconstrained cardiorespiratory monitoring system during sleep. Integrated Ferroelectrics, 2016, 176, 63-72.	0.7	1
36	A fingerprint sensor based on PVDF film for a manipulator. Integrated Ferroelectrics, 2017, 183, 91-99.	0.7	1

#	Article	IF	Citations
37	Design and Synthesis of pâ€n Conversion Indiumâ€Oxideâ€Based Gas Sensor with High Sensitivity to NO_x at Roomâ€Temperature. ChemistrySelect, 2018, 3, 2298-2305.	1.5	1
38	Ternary Flash Memory with a Carbazole-Based Conjugated Copolymer: WS₂ Composites as Active Layers. Langmuir, 2022, 38, 3113-3121.	3.5	1
39	Ternary Resistive Switching Memory Behavior of Polycarbazole:TiO2 Nanoparticles-based Device. Thin Solid Films, 2022, , 139291.	1.8	1
40	Novel carbazole-based donor-isoindolo[2,1-a]benzimidazol-11-one acceptor polymers for ternary flash memory and light-emission. RSC Advances, 2019, 9, 27665-27673.	3.6	0
41	Ternary Memory Behavior of Carbazoleâ€Based Donorâ€“Acceptor Polymer and CdS NPs Composites. Macromolecular Chemistry and Physics, 0, , 2200104.	2.2	0