Qirong Liu

List of Publications by Year
in descending order

21 papers	665 citations	516681 16 h-index	752679 20 g-index
22 all docs	22 docs citations	22 times ranked	599 citing authors

#	Article	IF	Citations
1	All-solid-state electrochromic Li-ion hybrid supercapacitors for intelligent and wide-temperature energy storage. Chemical Engineering Journal, 2021, 414, 128892.	12.7	44
2	Optimized properties of innovative ElectroChromic Device using ITO / Ag / ITO electrodes. Electrochimica Acta, 2019, 301, 200-208.	5.2	23
3	Dynamic behaviors of inorganic all-solid-state electrochromic device: Role of potential. Electrochimica Acta, 2018, 269, 617-623.	5.2	38
4	In situ electrochromic efficiency of a nickel oxide thin film: origin of electrochemical process and electrochromic degradation. Journal of Materials Chemistry C, 2018, 6, 646-653.	5.5	82
5	Thickness dependent surface roughness of sputtered Li2.5TaOx ion conductor and its effect on electro-optical performance of inorganic monolithic electrochromic device. Solar Energy Materials and Solar Cells, 2018, 179, 319-327.	6.2	29
6	The role of interface between LiPON solid electrolyte and electrode in inorganic monolithic electrochromic devices. Electrochimica Acta, 2018, 260, 254-263.	5.2	28
7	Improved performance of all-thin-film electrochromic devices with two ZrO2 protective layers. Ionics, 2018, 24, 2427-2434.	2.4	12
8	Charge-transfer kinetics and cyclic properties of inorganic all-solid-state electrochromic device with remarkably improved optical memory. Solar Energy Materials and Solar Cells, 2018, 174, 545-553.	6.2	71
9	Electro-optical performance of inorganic monolithic electrochromic device with a pulsed DC sputtered Li x Mg y N ion conductor. Journal of Solid State Electrochemistry, 2018, 22, 275-283.	2.5	17
10	Robust Sandwichâ€Structured Nanofluidic Diodes Modulating Ionic Transport for an Enhanced Electrochromic Performance. Advanced Science, 2018, 5, 1800163.	11.2	28
11	Mechanistic Insights into the Coloration, Evolution, and Degradation of NiO_xElectrochromic Anodes. Inorganic Chemistry, 2018, 57, 8874-8880.	4.0	24
12	Atmospheric pressure dielectric barrier discharge synthesis of morphology-controllable TiO2 films with enhanced photocatalytic activity. Thin Solid Films, 2018, 664, 90-99.	1.8	16
13	Optical, electrical, and electrochemical properties of indium tin oxide thin films studied in different layer-structures and their corresponding inorganic all-thin-film solid-state electrochromic devices. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	2.1	6
14	Deposition of photocatalytic anatase titanium dioxide films by atmospheric dielectric barrier discharge. Surface and Coatings Technology, 2017, 310, 173-179.	4.8	24
15	Influence of thickness on the structure, electrical, optical and electrochromic properties of AZO thin films and their inorganic all-solid-state devices. Electrochimica Acta, 2017, 258, 1336-1347.	5.2	26
16	Electrolytes-relevant cyclic durability of nickel oxide thin films as an ion-storage layer in an all-solid-state complementary electrochromic device. Solar Energy Materials and Solar Cells, 2016, 157, 844-852.	6.2	58
17	An all-thin-film inorganic electrochromic device monolithically fabricated on flexible PET/ITO substrate by magnetron sputtering. Materials Letters, 2015, 142, 232-234.	2.6	52
18	Properties of NiO x and its influence upon all-thin-film ITO/NiO x /LiTaO 3 /WO 3 /ITO electrochromic devices prepared by magnetron sputtering. Vacuum, 2015, 111, 48-54.	3.5	61

#	Article	IF	Citations
19	Optical fiber hydrogen sensor based on polarization-maintaining photonic crystal fiber. , 2014, , .		2
20	Amorphous indium tin oxide films deposited on flexible substrates by facing target sputtering at room temperature. Thin Solid Films, 2014, 556, 155-159.	1.8	9
21	Optimization of oxygen and pressure of ZnO:Al films deposited on PMMA substrates by facing target sputtering. Superlattices and Microstructures, 2013, 64, 552-562.	3.1	15