Chen Fu

List of Publications by Year
in descending order

16 papers	219 citations	1163117 8 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	278 citing authors

#	Article	IF	Citations
1	Colloidal quantum dot-based surface acoustic wave sensors for NO2-sensing behavior. Sensors and Actuators B: Chemical, 2019, 287, 241-249.	7.8	59
2	Ultrawide Band Gap Oxide Nanodots (E_g > 4.8 eV) for a High-Performance Deep Ultraviolet Photovoltaic Detector. ACS Applied Materials & Interfaces, 2020, 12, 6030-6036.	8.0	39
3	A stable and highly sensitive strain sensor based on a surface acoustic wave oscillator. Sensors and Actuators A: Physical, 2014, 218, 80-87.	4.1	24
4	PbSe quantum dots-based chemiresistors for room-temperature NO2 detection. Sensors and Actuators B: Chemical, 2018, 256, 1045-1056.	7.8	24
5	A novel quartz-crystal microbalance humidity sensor based on solution-processible indium oxide quantum dots. RSC Advances, 2019, 9, 38531-38537.	3.6	11
6	A high performance surface acoustic wave visible light sensor using novel materials: Bi₂S₃ nanobelts. RSC Advances, 2020, 10, 8936-8940.	3.6	10
7	Facile Fabrication of MoS₂ Nanoflowers/SnO₂ Colloidal Quantum Dots Nanocomposite for Enhanced NO₂ Sensing at Room Temperature. IEEE Sensors Journal, 2022, 22, 6295-6302.	4.7	9
8	Surface potential-determined performance of Ti₃C₂T₂ (T = O, F,) Tj ETQq0 0 0 rgBT /Overlock 10 sodium ion batteries. Nanoscale, 2022, 14, 10549-10558.	5.6	9
9	Ultrasensitive Leaky Surface Acoustic Wave Immunosensor for Real-Time Detection of Alpha-Fetoprotein in Biological Fluids. Chemosensors, 2021, 9, 311.	3.6	8
10	Real-Time, Highly Sensitive Detection of Alpha-Fetoprotein in Biological Fluids Using a QCM Sensor Based on a Cuâ„‚O@MoSâ„‚â€“Au nanocomposite and Gold Staining. IEEE Sensors Journal, 2022, 22, 3122-3128.	4.7	7
11	Improving Water Pressure Measurement Using Temperature-Compensated Wireless Passive SAW Bidirectional RDL Pressure Sensor. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	4
12	Water Pressure Monitoring Using a Temperature-Compensated WP-SAW Pressure Sensor. , 2020, , .		4
13	Role of the A-Element in the Structural, Mechanical, and Electronic Properties of Ti₃AC₂ MAX Phases. Inorganic Chemistry, 2022, 61, 2129-2140.	4.0	4
14	Numerical Modelling and Simulation of Two-Phase Flow Flushing Method for Pipeline Cleaning in Water Distribution Systems. Water (Switzerland), 2020, 12, 2470.	2.7	3
15	A Multi-Iteration Enhanced 2P-SMA Method for Improved Error Reduction on a WP-SAW Water Temperature and Pressure Sensor. IEEE Access, 2021, 9, 48236-48243.	4.2	3
16	Development of Lamb Wave-Based Unidirectional Transducers Toward Highly Efficient Microfluidic Applications. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1549-1555.	3.0	1