

Jun-Ge Liang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

440
citations

933447

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752698

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all docs

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times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance porous MIM-type capacitive humidity sensor realized via inductive coupled plasma and reactive-ion etching. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 704-714.	7.8	59
2	Design and analysis of ultrafast and high-sensitivity microwave transduction humidity sensor based on belt-shaped MoO ₃ nanomaterial. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127138.	7.8	51
3	Gold-loaded tellurium nanobelts gas sensor for ppt-level NO ₂ detection at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2022, 355, 131300.	7.8	49
4	Preparation of Ultrasensitive Humidity-Sensing Films by Aerosol Deposition. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 851-863.	8.0	44
5	Thickness effects of aerosol deposited hygroscopic films on ultra-sensitive humidity sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 632-643.	7.8	30
6	Microwave humidity sensor based on carbon dots-decorated MOF-derived porous Co ₃ O ₄ for breath monitoring and finger moisture detection. <i>Carbon</i> , 2021, 183, 578-589.	10.3	30
7	Inter-digital capacitors with aerosol-deposited high-K dielectric layer for highest capacitance value in capacitive super-sensing applications. <i>Scientific Reports</i> , 2019, 9, 680.	3.3	23
8	Challenges in Materials and Devices of Electronic Skin. , 2022, 4, 577-599.		20
9	Changes in functional brain network topology after successful and unsuccessful corpus callosotomy for Lennox-Gastaut Syndrome. <i>Scientific Reports</i> , 2018, 8, 3414.	3.3	18
10	Target properties optimization on capacitive-type humidity sensor: Ingredients hybrid and integrated passive devices fabrication. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129883.	7.8	13
11	Aerosol deposited BaTiO ₃ film based interdigital capacitor and squared spiral capacitor for humidity sensing application. <i>Ceramics International</i> , 2021, 47, 510-520.	4.8	12
12	Electroencephalography Network Effects of Corpus Callosotomy in Patients with Lennox-Gastaut Syndrome. <i>Frontiers in Neurology</i> , 2017, 8, 456.	2.4	11
13	Alteration in brain connectivity in patients with Dravet syndrome after vagus nerve stimulation (VNS): exploration of its effectiveness using graph theory analysis with electroencephalography. <i>Journal of Neural Engineering</i> , 2020, 17, 036014.	3.5	11
14	Integrated passive device fabricated and chip-on-board packaged filter employing mixed electric-magnetic coupling scheme. <i>IET Microwaves, Antennas and Propagation</i> , 2018, 12, 2191-2198.	1.4	9
15	Design and Realization of a Compact High-Frequency Band-Pass Filter with Low Insertion Loss Based on a Combination of a Circular-Shaped Spiral Inductor, Spiral Capacitor and Interdigital Capacitor. <i>Electronics (Switzerland)</i> , 2018, 7, 195.	3.1	9
16	QFN-Packaged Bandpass Filter With Intertwined Circular Spiral Inductor and Integrated Center-Located Capacitors Using Integrated Passive Device Technology. <i>IEEE Access</i> , 2019, 7, 13597-13607.	4.2	9
17	Permittivity-Inspired Microwave Resonator-Based Biosensor Based on Integrated Passive Device Technology for Glucose Identification. <i>Biosensors</i> , 2021, 11, 508.	4.7	9
18	Specific Detection of Organic and Inorganic Solution Based on Microwave Resonator Array. <i>IEEE Sensors Journal</i> , 2022, 22, 10532-10540.	4.7	9

#	ARTICLE	IF	CITATIONS
19	RFID-Based Microwave Biosensor for Non-Contact Detection of Glucose Solution. Biosensors, 2021, 11, 480.	4.7	7
20	Compact and highly selective dual/tri-band BPFs using folded T-shaped stub-loaded resonators for WLAN and WiMAX applications. Microwave and Optical Technology Letters, 2016, 58, 312-319.	1.4	5
21	Quantitative, Temperature-Calibrated and Real-Time Glucose Biosensor Based on Symmetrical-Meandering-Type Resistor and Intertwined Capacitor Structure. Biosensors, 2021, 11, 484.	4.7	5
22	Prospective on doping engineering of conductive polymers for enhanced interfacial properties. Applied Physics Letters, 2021, 119, .	3.3	4
23	Spectral characteristics of intracranial electroencephalographic activity in patients with Lennox-Gastaut syndrome. Brain and Development, 2017, 39, 138-144.	1.1	2
24	A centrosymmetric-coupled tri-band bandpass filter constituted by loaded bar and embedded S-shaped resonator. Microwave and Optical Technology Letters, 2021, 63, 2732-2739.	1.4	1
25	Patterning and Annealing Effects of Aerosol Deposited Hygroscopic Films for Humidity Sensors. , 2018, , .		0
26	Compact and low-loss diplexer design and fabrication for WLAN/WiMAX application. Journal of Electromagnetic Waves and Applications, 2019, 33, 2257-2265.	1.6	0
27	Multi-band bandpass filter based on direct-connected T-shaped stub-loaded resonator. Microwave and Optical Technology Letters, 2021, 63, 2715-2722.	1.4	0
28	BPFs with oct-resonance and -transmission-zero realized by coupling optimization on open-loop resonator. Journal of Electromagnetic Waves and Applications, 0, , 1-18.	1.6	0
29	A Microfabricated Bandpass Filter with Coarse-Tuning and Fine-Tuning Ability Based on IPD Process and PCB Artwork. Micromachines, 2022, 13, 123.	2.9	0