

# Jun-Ge Liang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7798373/publications.pdf>

Version: 2024-02-01

29  
papers

440  
citations

933447

10  
h-index

752698

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold-loaded tellurium nanobelts gas sensor for ppt-level NO <sub>2</sub> detection at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2022, 355, 131300.	7.8	49
2	A Microfabricated Bandpass Filter with Coarse-Tuning and Fine-Tuning Ability Based on IPD Process and PCB Artwork. <i>Micromachines</i> , 2022, 13, 123.	2.9	0
3	Challenges in Materials and Devices of Electronic Skin. , 2022, 4, 577-599.		20
4	Specific Detection of Organic and Inorganic Solution Based on Microwave Resonator Array. <i>IEEE Sensors Journal</i> , 2022, 22, 10532-10540.	4.7	9
5	Aerosol deposited BaTiO <sub>3</sub> film based interdigital capacitor and squared spiral capacitor for humidity sensing application. <i>Ceramics International</i> , 2021, 47, 510-520.	4.8	12
6	Multi-band bandpass filter based on direct-connected T-shaped stub-loaded resonator. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 2715-2722.	1.4	0
7	A centrosymmetric-coupled tri-band bandpass filter constituted by loaded bar and embedded S-shaped resonator. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 2732-2739.	1.4	1
8	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
9	Microwave humidity sensor based on carbon dots-decorated MOF-derived porous Co <sub>3</sub> O <sub>4</sub> for breath monitoring and finger moisture detection. <i>Carbon</i> , 2021, 183, 578-589.	10.3	30
10	Prospective on doping engineering of conductive polymers for enhanced interfacial properties. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	4
11	Quantitative, Temperature-Calibrated and Real-Time Glucose Biosensor Based on Symmetrical-Meandering-Type Resistor and Intertwined Capacitor Structure. <i>Biosensors</i> , 2021, 11, 484.	4.7	5
12	RFID-Based Microwave Biosensor for Non-Contact Detection of Glucose Solution. <i>Biosensors</i> , 2021, 11, 480.	4.7	7
13	Permittivity-Inspired Microwave Resonator-Based Biosensor Based on Integrated Passive Device Technology for Glucose Identification. <i>Biosensors</i> , 2021, 11, 508.	4.7	9
14	Design and analysis of ultrafast and high-sensitivity microwave transduction humidity sensor based on belt-shaped MoO <sub>3</sub> nanomaterial. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127138.	7.8	51
15	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
16	Compact and low-loss diplexer design and fabrication for WLAN/WiMAX application. <i>Journal of Electromagnetic Waves and Applications</i> , 2019, 33, 2257-2265.	1.6	0
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Changes in functional brain network topology after successful and unsuccessful corpus callosotomy for Lennox-Gastaut Syndrome. Scientific Reports, 2018, 8, 3414.	3.3	18
20	Thickness effects of aerosol deposited hygroscopic films on ultra-sensitive humidity sensors. Sensors and Actuators B: Chemical, 2018, 265, 632-643.	7.8	30
21	Preparation of Ultrasensitive Humidity-Sensing Films by Aerosol Deposition. ACS Applied Materials & Interfaces, 2018, 10, 851-863.	8.0	44
22	Patterning and Annealing Effects of Aerosol Deposited Hygroscopic Films for Humidity Sensors. , 2018, , .		0
23	Integrated passive device fabricated and chip-on-board packaged filter employing mixed electric-magnetic coupling scheme. IET Microwaves, Antennas and Propagation, 2018, 12, 2191-2198.	1.4	9
24	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. Electronics (Switzerland), 2018, 7, 195.	3.1	9
25	High-Performance porous MM-type capacitive humidity sensor realized via inductive coupled plasma and reactive-ion etching. Sensors and Actuators B: Chemical, 2018, 258, 704-714.	7.8	59
26	Spectral characteristics of intracranial electroencephalographic activity in patients with Lennox-Gastaut syndrome. Brain and Development, 2017, 39, 138-144.	1.1	2
27	Electroencephalography Network Effects of Corpus Callosotomy in Patients with Lennox-Gastaut Syndrome. Frontiers in Neurology, 2017, 8, 456.	2.4	11
28	Compact and highly selective dual-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
29	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