

Sang-Don Jung

List of Publications by Year in descending order

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24
papers

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citations

1163117

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24
docs citations

24
times ranked

653
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Flexible and Planar Supercapacitors Using Graphite Flakes/Polypyrrole in Polymer Lapping Film. ACS Applied Materials & Interfaces, 2015, 7, 13405-13414.	8.0	117
2	A 128-Channel FPGA-Based Real-Time Spike-Sorting Bidirectional Closed-Loop Neural Interface System. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2227-2238.	4.9	38
3	In vitro extracellular recording and stimulation performance of nanoporous gold-modified multi-electrode arrays. Journal of Neural Engineering, 2015, 12, 066029.	3.5	30
4	Iridium Oxide Electrodeposited Nanoporous Gold Multielectrode Array with Enhanced Stimulus Efficacy. Nano Letters, 2016, 16, 7163-7168.	9.1	22
5	Fabrication of multi-electrode array platforms for neuronal interfacing with bi-layer lift-off resist sputter deposition. Journal of Micromechanics and Microengineering, 2013, 23, 097001.	2.6	19
6	Presynaptic Spike-Driven Spike Timing-Dependent Plasticity With Address Event Representation for Large-Scale Neuromorphic Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1936-1947.	5.4	18
7	Iridium oxide on indium-tin oxide nanowires: An all metal oxide heterostructured multi-electrode array for neuronal interfacing. Sensors and Actuators B: Chemical, 2018, 273, 718-725.	7.8	12
8	Facile photopatterning of polyfluorene for patterned neuronal networks. Soft Matter, 2011, 7, 10025.	2.7	10
9	Characterization of Tetropdes Coated with Au Nanoparticles (AuNPs) and PEDOT and Their Application to Thalamic Neural Signal Detection in vivo. Experimental Neurobiology, 2018, 27, 593-604.	1.6	10
10	Electrochemical and in vitro neuronal recording characteristics of multi-electrode arrays surface-modified with electro-co-deposited gold-platinum nanoparticles. Biomedical Microdevices, 2016, 18, 14.	2.8	8
11	Fluoropolymer-Based Flexible Neural Prosthetic Electrodes for Reliable Neural Interfacing. ACS Applied Materials & Interfaces, 2017, 9, 43420-43428.	8.0	8
12	Effects of Photobleaching Wavelength on The Resulting Refractive Index Profiles in Nonlinear Optical Polymeric Thin Films. Molecular Crystals and Liquid Crystals, 1994, 247, 49-58.	0.3	5
13	Electroluminescent Properties of Novel Silyl-Disubstituted Soluble PPV Derivative. Molecular Crystals and Liquid Crystals, 1998, 316, 281-284.	0.3	5
14	Electrode effects on the low-frequency dielectric properties of (Ba, Sr)TiO ₃ thin films prepared by pulsed laser ablation. Integrated Ferroelectrics, 1999, 24, 33-43.	0.7	5
15	Transfer Characteristics of Langmuir-Blodgett Films of Stereoregular Poly(Methyl Methacrylates). Molecular Crystals and Liquid Crystals, 1994, 247, 281-291.	0.3	4
16	Simultaneous photoadhesion and photopatterning technique for passivation of flexible neural electrodes based on fluoropolymers. Scientific Reports, 2020, 10, 21386.	3.3	4
17	Electroluminescent Characteristics of Heterostructured Device with PPV Derivative and Tris(8-hydroxyquinoline) aluminum. Molecular Crystals and Liquid Crystals, 1998, 316, 269-272.	0.3	2
18	Sulfonation as a new technique of fabricating polymeric gradient-index lenses. , 0, , .		1

#	ARTICLE	IF	CITATIONS
19	Electroluminescence of Photodegraded Poly(p-Phenylene-Vinylene) Derivatives by Ultraviolet Laser Light. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 295, 23-26.	0.3	1
20	Fabrication of gold multi-electrode array with bi-layer lift-off resist technique and surface modification with gold nanoparticles by electrochemical deposition. , 2013, , .		1
21	Observation of the Early Stages of B-Axis Oriented PrBa ₂ Cu ₃ O _{7-x} Thin Film Growth by AFM. <i>Materials Research Society Symposia Proceedings</i> , 1995, 388, 433.	0.1	0
22	Polymer light emitting devices based on the urethane substituted polythiophene. , 0, , .		0
23	Theoretical Two-Photon Absorption Cross-Sections of Dithienothiophene-Based Molecules. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 370, 173-176.	0.3	0
24	Event-based delay-controlled stimulator controller with priority queue for real-time closed-loop neural interface system. , 2017, , .		0