

Mohammad Taghi Sharbati

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

569
citations

1040056

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times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Power Voltage Electrochemical Li ₂ WO ₃ Synapses with Temporal Dynamics for Spiking Neural Networks. <i>Advanced Intelligent Systems</i> , 2021, 3, 2100021.	6.1	9
2	Emerging Artificial Synaptic Devices for Neuromorphic Computing. <i>Advanced Materials Technologies</i> , 2019, 4, 1900037.	5.8	175
3	(Bi _{0.2} Sb _{0.8}) ₂ Te ₃ based dynamic synapses with programmable spatio-temporal dynamics. <i>APL Materials</i> , 2019, 7, 101107.	5.1	8
4	Artificial Synapses: Low-Power, Electrochemically Tunable Graphene Synapses for Neuromorphic Computing (<i>Adv. Mater.</i> 36/2018). <i>Advanced Materials</i> , 2018, 30, 1870273.	21.0	11
5	Energy-Efficient, Two-Dimensional Analog Memory for Neuromorphic Computing. , 2018, , .		0
6	Low-Power, Electrochemically Tunable Graphene Synapses for Neuromorphic Computing. <i>Advanced Materials</i> , 2018, 30, e1802353.	21.0	209
7	Electrical Transport and Power Dissipation in Aerosol-Jet-Printed Graphene Interconnects. <i>Scientific Reports</i> , 2018, 8, 10842.	3.3	25
8	Injection of 2D electron gas into a quantum-dot organic light-emitting diode structure on silicon substrate. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016, 34, 06KJ01.	1.2	2
9	Blue to red electroluminescence emission from organic light-emitting diodes based on π -conjugated organic semiconductor materials. <i>Journal of Photonics for Energy</i> , 2014, 4, 043599.	1.3	11
10	Near-infrared electroluminescence from organic light emitting diode based on Imine oligomer with low turn on voltage. <i>Optik</i> , 2013, 124, 52-54.	2.9	12
11	Assembly of Cyclometalated Platinum(II) Complexes via 1,1'-Bis(diphenylphosphino)ferrocene Ligand: Kinetics and Mechanisms. <i>Organometallics</i> , 2011, 30, 1466-1477.	2.3	27
12	Fabrication and electrical characterization of red organic light emitting diode using an isatin derivative as an organic chromophore. <i>Optical Engineering</i> , 2011, 50, 044002.	1.0	3
13	Electroluminescence From Polar Nonlinear Optical Chromophore With Low Turn-On Voltage. <i>Journal of Display Technology</i> , 2011, 7, 181-185.	1.2	2
14	Efficient NIR emission from organic light-emitting devices based on acceptor-donor-acceptor (A-D-A) and donor-acceptor-donor (D-A-D) oligomers. <i>Optics Express</i> , 2011, 19, 3619.	3.4	8
15	Near infrared organic light-emitting diodes based on acceptor-donor-acceptor (ADA) using novel conjugated isatin Schiff bases. <i>Journal of Luminescence</i> , 2011, 131, 553-558.	3.1	20
16	Synthesis of Some New 1,4-Distyrylbenzenes Using Immobilized Palladium Nanoparticles on Silica Functionalized Morpholine as a Recyclable Catalyst. <i>Synthesis</i> , 2011, 2011, 1609-1615.	2.3	26
17	Near-Infrared Organic Light-Emitting Diodes Based on Donor- π -Acceptor Oligomers. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 1695-1697.	2.5	20
18	Electrical Characterization of NIR OLED Fabricated Using a Linear Oligomer. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Fabrication of a near infrared OLED. , 2009, , .		1
20	Fabrication of a near infrared OLED using a new organic chromophore. , 2009, , .		0