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List of Publications by Year
in descending order

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20 papers	406 citations	759055 12 h-index	794469 19 g-index
20 all docs	20 docs citations	20 times ranked	533 citing authors

#	Article	IF	Citations
1	AFM nano-mechanics and calcium dynamics of prostate cancer cells with distinct metastatic potential. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1111-1120.	1.1	76
2	Enhanced Luminance of Electrochemical Cells with a Rationally Designed Ionic Iridium Complex and an Ionic Additive. ACS Applied Materials & Interfaces, 2016, 8, 8888-8892.	4.0	54
3	Influence of Lithium Additives in Small Molecule Light-Emitting Electrochemical Cells. ACS Applied Materials & Interfaces, 2016, 8, 16776-16782.	4.0	39
4	Discerning the Impact of a Lithium Salt Additive in Thin-Film Light-Emitting Electrochemical Cells with Electrochemical Impedance Spectroscopy. Langmuir, 2016, 32, 9468-9474.	1.6	37
5	Phenyl substitution of cationic bis-cyclometalated iridium(<scp>iii</scp>) complexes for iTMC-LEECs. Dalton Transactions, 2016, 45, 17807-17823.	1.6	37
6	Enhanced Operational Stability of Perovskite Lightâ€Emitting Electrochemical Cells Leveraging Ionic Additives. Advanced Optical Materials, 2020, 8, 2000226.	3.6	28
7	The Effect of the Dielectric Constant and Ion Mobility in Lightâ€Emitting Electrochemical Cells. ChemPlusChem, 2018, 83, 266-273.	1.3	22
8	Understanding the superior temperature stability of iridium light-emitting electrochemical cells. Materials Horizons, 2017, 4, 657-664.	6.4	18
9	Luminescent properties of a 3,5-diphenylpyrazole bridged Pt(ii) dimer. Dalton Transactions, 2019, 48, 9684-9691.	1.6	18
10	The effects of sub-bandgap transitions and the defect density of states on the photocurrent response of a single ZnO-coated silica nanospring. Nanotechnology, 2021, 32, 035202.	1.3	17
11	Emergent Electrical Properties of Ensembles of 1D Nanostructures and Their Impact on Room Temperature Electrical Sensing of Ammonium Nitrate Vapor. ACS Sensors, 2018, 3, 2367-2374.	4.0	14
12	Evolution of the Stoichiometry and Electronic Structure of Cobalt Oxide in Thermally Treated Co-Doped ZnO Nanorods for Solar Cells. ACS Applied Nano Materials, 2019, 2, 4113-4120.	2.4	13
13	Electrical characterization of ZnO-coated nanospring ensemble by impedance spectroscopy: probing the effect of thermal annealing. Nanotechnology, 2019, 30, 234006.	1.3	10
14	The Effect of UV Illumination on the Room Temperature Detection of Vaporized Ammonium Nitrate by a ZnO Coated Nanospring-Based Sensor. Materials, 2019, 12, 302.	1.3	9
15	Mechanical Responses of Cancer Cells on Nanoscaffolds for Adhesion Size Control. Macromolecular Bioscience, 2015, 15, 851-860.	2.1	7
16	ZnO Microfiltration Membranes for Desalination by a Vacuum Flow-Through Evaporation Method. Membranes, 2019, 9, 156.	1.4	2
17	Mechanical characterization of multi-layered lipid nanoparticles using high-resolution AFM force spectroscopy. Journal of Industrial and Engineering Chemistry, 2022, 113, 283-292.	2.9	2
18	The Use of Additives in Ionic Transition Metal Complex Light-Emitting Electrochemical Cells. , 2017, , 93-119.		1

#	Article	IF	Citations
19	Perovskite Lightâ€Emitting Electrochemical Cells: Enhanced Operational Stability of Perovskite Lightâ€Emitting Electrochemical Cells Leveraging Ionic Additives (Advanced Optical Materials 13/2020). Advanced Optical Materials, 2020, 8, 2070052.	3.6	1
20	Addressing crosstalk in crossbar memory arrays with a resistive switching ZnO homojunction diode. Journal of Applied Physics, 2021, 129, .	1.1	1