

Ana Viã±uales

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

855
citations

567281

15
h-index

677142

22
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25
all docs

25
docs citations

25
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-Temperature Self-Standing Cellulose-Based Hydrogel Electrolytes for Electrochemical Devices. <i>Polymers</i> , 2020, 12, 2686.	4.5	11
2	Spectroelectrochemical study of alkyl-aryl asymmetric viologens in poly(vinyl alcohol) (PVA) borax electrolyte. <i>Electrochimica Acta</i> , 2019, 323, 134792.	5.2	6
3	Driving Signals Optimization for Viologen-Based Electrochromic Vision Devices. <i>IEEE Sensors Journal</i> , 2019, 19, 1740-1747.	4.7	2
4	Consecutive anchoring of symmetric viologens: Electrochromic devices providing colorless to neutral-color switching. <i>Solar Energy Materials and Solar Cells</i> , 2018, 177, 110-119.	6.2	20
5	The reduction mechanism of p-cyanophenylviologen in PVA-borax gel polyelectrolyte-based bicolor electrochromic devices. <i>Electrochimica Acta</i> , 2018, 292, 81-87.	5.2	15
6	One-Step Preparation of Viologen-TiO ₂ Nanoparticles via a Hydrothermally Assisted Sol-Gel Process for Use in Electrochromic Films and Devices. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800142.	2.3	2
7	A new standard method to calculate electrochromic switching time. <i>Solar Energy Materials and Solar Cells</i> , 2018, 185, 54-60.	6.2	62
8	All-in-One Gel-Based Electrochromic Devices: Strengths and Recent Developments. <i>Materials</i> , 2018, 11, 414.	2.9	89
9	Control of disability glare by means of electrochromic filtering glasses: A pilot study. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 10, 1650028.	1.0	2
10	Colorless to Black/Gray Electrochromic Devices Based on Single Alkyl-Aryl Asymmetric Viologen-Modified Monolayered Electrodes. <i>Advanced Optical Materials</i> , 2017, 5, 1600989.	7.3	57
11	Novel, smart and RFID assisted critical temperature indicator for supply chain monitoring. <i>Journal of Food Engineering</i> , 2017, 193, 20-28.	5.2	69
12	Multicolor Electrochromics: Rainbow-Like Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14795-14801.	8.0	126
13	Plastic electrochromic devices based on viologen-modified TiO ₂ films prepared at low temperature. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 624-635.	6.2	34
14	Colorless to Neutral Color Electrochromic Devices Based on Asymmetric Viologens. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29619-29627.	8.0	78
15	Polyvinyl Alcohol-Borax Slime as Promising Polyelectrolyte for High-Performance, Easy-to-Make Electrochromic Devices. <i>ChemElectroChem</i> , 2015, 2, 175-175.	3.4	0
16	Polyvinyl Alcohol-Borax Slime as Promising Polyelectrolyte for High-Performance, Easy-to-Make Electrochromic Devices. <i>ChemElectroChem</i> , 2015, 2, 218-223.	3.4	58
17	Frequency and Temperature Dependence of Fabrication Parameters in Polymer Dispersed Liquid Crystal Devices. <i>Materials</i> , 2014, 7, 3512-3521.	2.9	23
18	Flexible Viologen Electrochromic Devices with Low Operational Voltages Using Reduced Graphene Oxide Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14562-14567.	8.0	100

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19	Thickness-Dependent Coloration Properties of Glass-Substrate Viologen-Based Electrochromic Devices. <i>IEEE Photonics Journal</i> , 2012, 4, 2105-2115.	2.0	6
20	Dependence on the parameters of the equivalent electrical circuit model with the thickness of viologen-based electrochromic mixture on glass substrate devices. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1328, 30401.	0.1	0
21	Highly transparent electrochromic plastic device that changes to purple and to blue by increasing the potential. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 2093-2097.	6.2	23
22	Cyclopalladated Azo- and Azoxybenzene Mononuclear Complexes Containing a Chiral Chelating Ligand. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 465, 59-70.	0.9	10
23	All-in-one Layer: Anisotropic Emission due to Light-Induced Orientation of a Multifunctional Polymer. <i>Macromolecular Rapid Communications</i> , 2007, 28, 932-936.	3.9	22
24	Synthesis, thermal and optical properties of liquid crystalline terpolymers containing azobenzene and dye moieties. <i>Polymer</i> , 2005, 46, 9230-9242.	3.8	40