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List of Publications by Year in descending order

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192
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#	ARTICLE	IF	CITATIONS
1	Carbon nanotubes impregnated with metallic nanoparticles and their application as an adsorbent for the glyphosate removal in an aqueous matrix. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105178.	3.3	38
2	Ca ²⁺ , Ni ²⁺ and Zn ²⁺ LDH powders as efficient materials to treat synthetic effluents containing o-nitrophenol. <i>Journal of Alloys and Compounds</i> , 2020, 838, 155628.	2.8	36
3	Peripheral tetra-cationic Pt(II) porphyrins photo-inactivating rapidly growing mycobacteria: First application in mycobacteriology. <i>Microbial Pathogenesis</i> , 2020, 148, 104455.	1.3	29
4	Flexible, low-cost and scalable, nanostructured conductive paper-based, efficient hygroelectric generator. <i>Energy and Environmental Science</i> , 2021, 14, 353-358.	15.6	29
5	Metal center ion effects on photoinactivating rapidly growing mycobacteria using water-soluble tetra-cationic porphyrins. <i>BioMetals</i> , 2020, 33, 269-282.	1.8	21
6	Photo-damage promoted by tetra-cationic palladium(II) porphyrins in rapidly growing mycobacteria. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102514.	1.3	12
7	Nanomolar effective report of tetra-cationic silver(II) porphyrins against non-tuberculous mycobacteria in antimicrobial photodynamic approaches. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102770.	1.3	12
8	Mechanochemical transduction and hygroelectricity in periodically stretched rubber. <i>Polymer</i> , 2019, 171, 173-179.	1.8	11
9	The Balance between Charge Mobility and Efficiency in All-Solution-Processed Organic Light-Emitting Diodes of Zn(II) Coordination Compounds/PFO Composites. <i>Journal of Physical Chemistry C</i> , 2020, 124, 21036-21046.	1.5	11
10	Multifunctional coatings of exfoliated and reassembled graphite on cellulosic substrates. <i>Faraday Discussions</i> , 2021, 227, 105-124.	1.6	9
11	Spontaneous Mosaics of Charge Formed by Liquid Evaporation. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000884.	1.9	8
12	Molecular docking, quorum quenching effect, antibiofilm activity and safety profile of silver-complexed sulfonamide on <i>Pseudomonas aeruginosa</i> . <i>Biofouling</i> , 2021, 37, 555-571.	0.8	7
13	Low-cost elastomer-based flexoelectric devices. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	7
14	Flexoelectric characterization of dielectrics under tensile, compressive, and flexural loads by non-contact Kelvin probe measurements. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	5
15	Electromechanical coupling in elastomers: a correlation between electrostatic potential and fatigue failure. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26653-26660.	1.3	2
16	Molecular and Polymeric Metal(II) chalcogenolate clusters: synthesis and structural characterization. <i>Journal of Molecular Structure</i> , 2021, 1232, 130083.	1.8	1