

Lucas MatÃ- as Salvatierra

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of precipitation processes on damping and elastic modulus of WE 43 magnesium alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 373, 146-157.	2.6	33
2	Effect of daily exposure to Pb-contaminated water on <i>Salvinia biloba</i> physiology and phytoremediation performance. <i>Aquatic Toxicology</i> , 2019, 210, 158-166.	1.9	25
3	Self-healing during electrical treeing: A feature of the two-phase liquid-solid nature of silicone gels. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016, 23, 757-767.	1.8	22
4	Variations in the Phytoremediation Efficiency of Metal-polluted Water with <i>Salvinia biloba</i> : Prospects and Toxicological Impacts. <i>Water (Switzerland)</i> , 2020, 12, 1737.	1.2	22
5	Structural Changes in EPDM Subjected to Ageing in High Voltage Transmission Lines. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2007, 14, 1170-1182.	1.8	15
6	Evaluation of the autochthonous free-floating macrophyte <i>Salvinia biloba</i> Raddi for use in the phytoremediation of water contaminated with lead. , 0, 103, 282-289.		12
7	Prospects in Cadmium-Contaminated Water Management Using Free-Living Cyanobacteria (<i>Oscillatoria</i>) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	11
8	Secondary recrystallization in Fe-6.5 wt% Si alloys by internal friction. <i>Journal of Non-Crystalline Solids</i> , 2001, 287, 70-74.	1.5	8
9	Anelastic relaxation in high purity molybdenum single crystals at medium temperatures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 370, 222-224.	2.6	8
10	Early-stage response in anaerobic bioreactors due to high sulfate loads: Hydrogen sulfide yield and other organic volatile sulfur compounds as a sign of microbial community modifications. <i>Bioresource Technology</i> , 2022, 350, 126947.	4.8	8
11	Effect of the oxygen in the evolution of the microstructure in a Cu-18 at.% Li alloy. <i>Materials Letters</i> , 2002, 56, 709-715.	1.3	7
12	Synthesis of lauryl methacrylate and poly(ethylene glycol) methyl ether methacrylate copolymers with tunable microstructure and emulsifying properties. <i>European Polymer Journal</i> , 2019, 116, 117-125.	2.6	6
13	Microbial characterization of a facultative residual sludge obtained from a biogas plant with ability to degrade commercial B10 diesel oil. <i>Ecological Engineering</i> , 2020, 144, 105710.	1.6	6
14	Evaluation of Cadmium Bioaccumulation-Related Physiological Effects in <i>Salvinia biloba</i> : An Insight towards Its Use as Pollutant Bioindicator in Water Reservoirs. <i>Plants</i> , 2021, 10, 2679.	1.6	6
15	Obtaining of single phase Cu-Li alloy through an electrodeposition process. <i>Materials Letters</i> , 2005, 59, 349-354.	1.3	5
16	Frequency dependent structures in an electrostatically driven powder medium. <i>Chemical Physics Letters</i> , 2009, 481, 194-197.	1.2	1