

Christian Assenov Girginov

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

116
citations

1307594

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docs citations

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94
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#	ARTICLE	IF	CITATIONS
1	Electrochemical synthesis of a new Bi(III) complex by anodic oxidation of Bi in an aqueous solution of 4-toluenesulfonic acid. <i>New Journal of Chemistry</i> , 2021, 45, 12966-12973.	2.8	1
2	Kinetics of galvanostatic anodic polarization of Zn in NaOH solutions and characterization of the resulting layers. <i>Materials Chemistry and Physics</i> , 2021, 263, 124298.	4.0	1
3	Characterization of Anodized Al 1050 with Electrochemically Deposited Cu, Ni and Cu/Ni and Their Behavior in a Model Corrosive Medium. <i>Journal of Electrochemical Science and Technology</i> , 2021, 12, 188-203.	2.2	1
4	Electroless copper plating of dielectrics from environmentally friendly reducer-free electrolyte. <i>Transactions of the Institute of Metal Finishing</i> , 2021, 99, 238-245.	1.3	3
5	New $[\text{Bi}_6\text{O}_4(\text{OH})_4](\text{CH}_3\text{NHC}_6\text{H}_4\text{SO}_3)_6$ complex: synthesis and thermal decomposition. <i>Thermochimica Acta</i> , 2020, 683, 178436.	2.7	2
6	Evaluation of the electrochemical performance of Ag containing AAO layers after extended exposure to a model corrosive medium. <i>Journal of Electrochemical Science and Engineering</i> , 2020, 10, 317-334.	3.5	4
7	Determination of the Surface Properties of Combined Metal-Oxide Layers, Obtained by AC-Incorporation of Ni and Cu in Preliminary Formed AAO Matrices. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2020, , 351-366.	0.3	1
8	Elucidation of the Anodization and Silver Incorporation Impact on the Surface Properties of AA1050 Aluminum Alloy. <i>Journal of the Electrochemical Society</i> , 2019, 166, C231-C242.	2.9	7
9	Induction periods during anodic polarization of zinc in aqueous oxalic acid solutions. <i>Materials Chemistry and Physics</i> , 2019, 223, 727-736.	4.0	10
10	Characterization of porous anodic alumina with AC-incorporated silver. <i>Electrochimica Acta</i> , 2018, 292, 614-627.	5.2	7
11	Effect of the Electrolyte Alkaline Ions on the Electrochemical Performance of $\text{Ni}(\text{OH})_2/\text{Activated Carbon Composites}$ in the Hybrid Supercapacitor Cell. <i>ChemistrySelect</i> , 2017, 2, 6693-6698.	1.5	7
12	Actual trends in the elaboration of advanced multifunctional coating systems for the efficient protection of lightweight aircraft alloys. <i>Corrosion Reviews</i> , 2017, 35, 383-396.	2.0	6
13	Impact of the anodizing duration on the surface morphology and performance of A2024-T3 in a model corrosive medium. <i>Materials Chemistry and Physics</i> , 2017, 198, 137-144.	4.0	15
14	Kinetics of reanodization of porous anodic oxide films on aluminium formed in pore-forming solutions of various acids. , 2017, , .		0
15	Comparative evaluation of cerium oxide primers electrodeposited on AA2024-T3 and D16 AM aircraft alloys. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016, 67, 710-720.	1.5	5
16	Anodic galvanostatic polarization of AA2024-T3 aircraft alloy in conventional mineral acids. <i>Materials Chemistry and Physics</i> , 2016, 180, 301-313.	4.0	9
17	Breakdown Phenomena During the Growth of Anodic Films on Antimony. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2015, , 303-310.	0.5	0
18	Synthesis and thermal decomposition of new compound containing Bi(III) complex and 4-toluenesulfonate. <i>Thermochimica Acta</i> , 2014, 594, 11-15.	2.7	7

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19	Electronic currents in the (+)Bi/Bi ₂ O ₃ /electrolyte system during tensiostatic anodization. Journal of Solid State Electrochemistry, 2013, 17, 2341-2347.	2.5	3
20	Synthesis and thermal decomposition of [Bi ₆ O ₆ (OH) ₂](NH ₂ C ₆ H ₄ SO ₃) ₄ . Thermochemica Acta, 2012, 528, 85-89.	2.7	19
21	Surface of Alumina Films after Prolonged Breakdowns in Galvanostatic Anodization. International Journal of Electrochemistry, 2011, 2011, 1-5.	2.4	4
22	Enhancement of the cerium oxide primer layers deposited on AA2024-T3 aircraft alloy by preliminary anodization. Journal of Electrochemical Science and Engineering, 0, , .	3.5	3
23	Impact of the final thermal sealing of combined zinc/cerium oxide protective coating primers formed on low carbon steel. Journal of Electrochemical Science and Engineering, 0, , .	3.5	1