

# Christian Assenov Girginov

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

116  
citations

1307594

7  
h-index

1372567

10  
g-index

23  
all docs

23  
docs citations

23  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and thermal decomposition of $[\text{Bi}_6\text{O}_6(\text{OH})_2](\text{NH}_2\text{C}_6\text{H}_4\text{SO}_3)_4$ . <i>Thermochimica Acta</i> , 2012, 528, 85-89.	2.7	19
2	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
3	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
4	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
5	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
6	Effect of the Electrolyte Alkaline Ions on the Electrochemical Performance of $[\pm\text{Ni}(\text{OH})_2]$ /Activated Carbon Composites in the Hybrid Supercapacitor Cell. <i>ChemistrySelect</i> , 2017, 2, 6693-6698.	1.5	7
7	Characterization of porous anodic alumina with AC-incorporated silver. <i>Electrochimica Acta</i> , 2018, 292, 614-627.	5.2	7
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	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
10	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
11	Surface of Alumina Films after Prolonged Breakdowns in Galvanostatic Anodization. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-5.	2.4	4
12	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
13	Electronic currents in the (+)Bi/Bi <sub>2</sub> O <sub>3</sub> /electrolyte system during tensiostatic anodization. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2341-2347.	2.5	3
14	Enhancement of the cerium oxide primer layers deposited on AA2024-T3 aircraft alloy by preliminary anodization. <i>Journal of Electrochemical Science and Engineering</i> , 0, , .	3.5	3
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Characterization of Anodized Al 1050 with Electrochemically Deposited Cu, Ni and Cu/Ni and Their Behavior in a Model Corrosive Medium. Journal of Electrochemical Science and Technology, 2021, 12, 188-203.	2.2	1
20	Determination of the Surface Properties of Combined Metal-Oxide Layers, Obtained by AC-Incorporation of Ni and Cu in Preliminary Formed AAO Matrices. NATO Science for Peace and Security Series B: Physics and Biophysics, 2020, , 351-366.	0.3	1
21	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
22	Kinetics of reanodization of porous anodic oxide films on aluminium formed in pore-forming solutions of various acids. , 2017, , .		0
23	Breakdown Phenomena During the Growth of Anodic Films on Antimony. NATO Science for Peace and Security Series A: Chemistry and Biology, 2015, , 303-310.	0.5	0