

Chao-Lei Ban

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

327
citations

933447

10
h-index

839539

18
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20
all docs

20
docs citations

20
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Nb ₂ O ₅ -Al ₂ O ₃ Composite Anodic Oxide Film for an Aluminum Electrolytic Capacitor by Electrodeposition-Annealing and Anodization. <i>Journal of Electronic Materials</i> , 2020, 49, 1051-1058.	2.2	7
2	Optimization Design and Application of Niobium-Based Materials in Electrochemical Energy Storage. <i>Advanced Energy and Sustainability Research</i> , 2020, 1, 2000038.	5.8	11
3	Effect of Mechanical Attrition on Structure and Property of Electroplated Ni-P Coating on Magnesium Alloy. <i>Electrochemistry</i> , 2019, 87, 89-93.	1.4	5
4	Porous Layered Carbon with Interconnected Pore Structure Derived from Reed Membranes for Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10742-10750.	6.7	52
5	Etching Anode Foil with Branch Tunnels for Aluminum Electrolytic Capacitors. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7471-7475.	0.9	5
6	Nitrogen self-doped porous carbon with layered structure derived from porcine bladders for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 400-409.	9.4	72
7	D.C. etching anode aluminum foil to form branch tunnels by electroless depositing Cu. <i>Anti-Corrosion Methods and Materials</i> , 2019, 66, 697-703.	1.5	5
8	Effect of hydration on microstructure and property of anodized oxide film for aluminum electrolytic capacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16166-16171.	2.2	8
9	The Electrical conductivities and Tribological properties of Vacuum Hot-Pressed Cu/Reduced Graphene Oxide Composite. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4434-4441.	2.5	17
10	Mechanical attrition assisted DC etching aluminum foils with enhanced capacitance. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 12074-12078.	2.2	3
11	Effects of polymer corrosion inhibitor on widening etch tunnels of aluminum foil for capacitor. <i>Corrosion Science</i> , 2014, 78, 7-12.	6.6	33
12	Anodizing of etched aluminum foil coated with modified hydrous oxide film for aluminum electrolytic capacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 128-133.	2.2	23
13	Fabrication of honeycomb-patterned porous films from PS-b-PNIPAM amphiphilic diblock copolymers synthesized via RITP. <i>Journal of Colloid and Interface Science</i> , 2014, 420, 112-118.	9.4	15
14	Effect of chemical plating Zn on DC-etching behavior of Al foil in HCl-H ₂ SO ₄ . <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 3650-3657.	4.2	16
15	Effect of pretreatment on electrochemical etching behavior of Al foil in HCl-H ₂ SO ₄ . <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 1039-1045.	4.2	17
16	Electrodeposition of Diamond-like Carbon (DLC) Films on Mg by Plasma Electrolysis. <i>Electrochemistry</i> , 2013, 81, 977-980.	1.4	5
17	Dielectric and piezoelectric properties of (K _{0.48} Na _{0.52})Nb _{1-x} (Mo _{3/4} Sr _{1/4}) _x O ₃ lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 2053-2056.	2.2	3
18	Effect of citric acid on microstructure and electrochemical characteristics of high voltage anodized alumina film formed on etched Al Foils. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 133-138.	4.2	24

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19	Controlling limiting length of tunnels on Al foil electroetched in HCl-H ₂ SO ₄ solution. Transactions of Nonferrous Metals Society of China, 2009, 19, 601-605.	4.2	6