

Wonsub Chung

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

285
citations

1040056

9
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of added ethanol in ethylene glycolâ€“NaCl electrolyte on titanium electropolishing. Corrosion Science, 2015, 98, 494-499.	6.6	49
2	Enhancement of heat dissipation of LED module with cupric-oxide composite coating on aluminum-alloy heat sink. Energy Conversion and Management, 2015, 106, 958-963.	9.2	49
3	Nanoporous anodic alumina oxide layer and its sealing for the enhancement of radiative heat dissipation of aluminum alloy. Nano Energy, 2017, 31, 504-513.	16.0	40
4	Asymmetric faradaic assembly of Bi₂O₃ and MnO₂ for a high-performance hybrid electrochemical energy storage device. RSC Advances, 2019, 9, 32154-32164.	3.6	31
5	Composite plasma electrolytic oxidation to improve the thermal radiation performance and corrosion resistance on an Al substrate. Applied Surface Science, 2015, 357, 1396-1402.	6.1	29
6	Effects of a Carbon Nanotube Additive on the Corrosion-Resistance and Heat-Dissipation Properties of Plasma Electrolytic Oxidation on AZ31 Magnesium Alloy. Materials, 2018, 11, 2438.	2.9	23
7	Effect of aluminum anodizing in phosphoric acid electrolyte on adhesion strength and thermal performance. Metals and Materials International, 2016, 22, 20-25.	3.4	19
8	Effect of added dispersants on diamond particles in Ni-diamond composites fabricated with electrodeposition. Metals and Materials International, 2015, 21, 977-984.	3.4	12
9	Solidification and segregation behaviors in 6061 aluminum alloy. Metals and Materials International, 2013, 19, 433-438.	3.4	9
10	Thermal Radiative Copper Oxide Layer for Enhancing Heat Dissipation of Metal Surface. Nanomaterials, 2021, 11, 2819.	4.1	7
11	Effect of composite PEO film containing titanium oxides on the corrosion resistance of Al 6061 alloy. Surface and Coatings Technology, 2017, 309, 698-702.	4.8	6
12	Multi-Functional Crâ€“Alâ€“Tiâ€“Siâ€“N Nanocomposite Films Deposited on WC-Co Substrate for Cutting Tools. Journal of Nanoscience and Nanotechnology, 2020, 20, 4390-4393.	0.9	4
13	Effect of processing parameters on tensile properties of hot-drawn Al 2011-T8. Metals and Materials International, 2010, 16, 717-723.	3.4	2
14	Quantification of oxygen concentration on the purification of Nd metals by Solid-state electrotransport. Metals and Materials International, 2017, 23, 385-390.	3.4	2
15	Superhydrophobic Electrodeposited Copper Surface for Robust Condensation Heat Transfer. ACS Omega, 2022, 7, 19021-19029.	3.5	2
16	Effects of Anodizing Conditions on Thermal Properties of Al 20XX Alloys for Aircraft. Symmetry, 2021, 13, 433.	2.2	1
17	High Temperature Oxidation Behavior of Crâ€“Alâ€“Siâ€“N Nanocomposite Films Deposited by Filtered Arc Ion Plating Technique. Journal of Nanoscience and Nanotechnology, 2020, 20, 4394-4397.	0.9	0