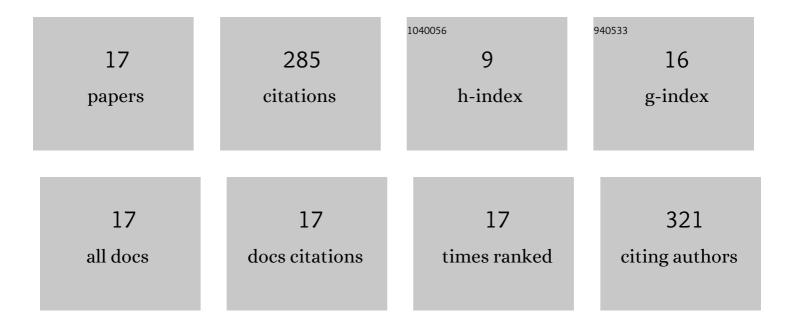
Wonsub Chung

List of Publications by Year in descending order

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WONSUR CHUNC

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Superhydrophobic Electrodeposited Copper Surface for Robust Condensation Heat Transfer. ACS Omega, 2022, 7, 19021-19029. | 3.5 | 2 |
| 2 | Effects of Anodizing Conditions on Thermal Properties of Al 20XX Alloys for Aircraft. Symmetry, 2021, 13, 433. | 2.2 | 1 |
| 3 | Thermal Radiative Copper Oxide Layer for Enhancing Heat Dissipation of Metal Surface. Nanomaterials, 2021, 11, 2819. | 4.1 | 7 |
| 4 | Multi-Functional Cr–Al–Ti–Si–N Nanocomposite Films Deposited on WC-Co Substrate for Cutting Tools. Journal of Nanoscience and Nanotechnology, 2020, 20, 4390-4393. | 0.9 | 4 |
| 5 | High Temperature Oxidation Behavior of Cr–Al–Si–N Nanocomposite Films Deposited by Filtered Arc Ion Plating Technique. Journal of Nanoscience and Nanotechnology, 2020, 20, 4394-4397. | 0.9 | 0 |
| 6 | Asymmetric faradaic assembly of Bi ₂ O ₃ and MnO ₂ for a high-performance hybrid electrochemical energy storage device. RSC Advances, 2019, 9, 32154-32164. | 3.6 | 31 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Effect of added ethanol in ethylene glycol–NaCl electrolyte on titanium electropolishing. Corrosion Science, 2015, 98, 494-499. | 6.6 | 49 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Solidification and segregation behaviors in 6061 aluminum alloy. Metals and Materials International, 2013, 19, 433-438. | 3.4 | 9 |
| 17 | Effect of processing parameters on tensile properties of hot-drawn Al 2011-T8. Metals and Materials International, 2010, 16, 717-723. | 3.4 | 2 |