

Pui Lam Tam

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

471
citations

933447

10
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, mechanical, and tribological studies of Cr-Ti-Al-N coating with different chemical compositions. <i>Thin Solid Films</i> , 2008, 516, 5725-5731.	1.8	92
2	Role of potassium in the enhancement of the catalytic activity of calcium oxide towards tar reduction. <i>Applied Catalysis B: Environmental</i> , 2018, 229, 88-95.	20.2	51
3	XRD and XPS characterisation of transition metal silicide thin films. <i>Surface Science</i> , 2012, 606, 329-336.	1.9	50
4	Nanoindentation-induced elastic-plastic transition and size effect in \pm -Al ₂ O ₃ (0001). <i>Philosophical Magazine Letters</i> , 2007, 87, 409-415.	1.2	49
5	Sputter deposition and XPS analysis of nickel silicide thin films. <i>Surface and Coatings Technology</i> , 2009, 203, 2886-2890.	4.8	49
6	High temperature oxidation of CrTiAlN hard coatings prepared by unbalanced magnetron sputtering. <i>Thin Solid Films</i> , 2009, 517, 5243-5247.	1.8	36
7	Nanostructured micro particles as a low-cost and sustainable catalyst in the recycling of PET fiber waste by the glycolysis method. <i>Waste Management</i> , 2021, 126, 559-566.	7.4	31
8	Behavior of Ti _{0.5} Al _{0.5} N thin film in nanoscale deformation with different loading rates. <i>Thin Solid Films</i> , 2008, 516, 7641-7647.	1.8	18
9	Corrosion properties of thermally annealed and co-sputtered nickel silicide thin films. <i>Surface and Coatings Technology</i> , 2011, 206, 1160-1167.	4.8	14
10	Experimental investigations into the irregular synthesis of iron(ⁱⁱⁱ) terephthalate metal-organic frameworks MOF-235 and MIL-101. <i>Dalton Transactions</i> , 2021, 50, 4976-4985.	3.3	12
11	Residual stress analysis of machined lead-free and lead-containing brasses. <i>Materials Science and Technology</i> , 2016, 32, 1789-1793.	1.6	10
12	Evidence for Electron Transfer between Graphene and Non-Covalently Bound Systems. <i>Chemistry - A European Journal</i> , 2020, 26, 6694-6702.	3.3	10
13	Mapping nitrogen heteroatoms in carbon fibres using atom probe tomography and photoelectron spectroscopy. <i>Carbon</i> , 2021, 179, 20-27.	10.3	10
14	Machinability of CuZn ₂₁ Si ₃ P brass. <i>Materials Science and Technology</i> , 2016, 32, 1744-1750.	1.6	8
15	Chemical Bonding to Novel Translucent Zirconias: A Mechanical and Molecular Investigation. <i>Journal of Adhesive Dentistry</i> , 2019, 21, 107-116.	0.5	8
16	Thin film characterisation of chromium disilicide. <i>Surface Science</i> , 2013, 609, 152-156.	1.9	7
17	High Mobility Graphene on EVA/PET. <i>Nanomaterials</i> , 2022, 12, 331.	4.1	7
18	Corrosion behaviour of amorphous Ni-Si thin films on AISI 304L stainless steel. <i>Materials at High Temperatures</i> , 2009, 26, 177-186.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Oxidation Resistance of Multicomponent CrTiAlN Hard Coatings at Elevated Temperatures. Advanced Materials Research, 0, 75, 37-42.	0.3	1
20	THE BEHAVIOR OF ELECTRODEPOSITED NANOCRYSTALLINE Co-Ni ALLOYS SUBJECTED TO MAGNETIC AND STRESS FIELDS. Surface Review and Letters, 2010, 17, 129-134.	1.1	1
21	Characterization of subsurface deformation of turned brasses: lead brass (CuZn39Pb3) and lead free brass (CuZn21Si3P). Journal of Physics: Conference Series, 2019, 1183, 012006.	0.4	1
22	ADHERENT NANO-SUPERHARD TITANIUM NITRIDE FILM AND ITS FORMING MECHANISM IN MULTI-ARC ION-PLATING SYSTEM. Surface Review and Letters, 2007, 14, 789-793.	1.1	0
23	Durable Activated Carbon Electrodes with a Green Binder. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	0