

Atikur Rahman

List of Publications by Year in descending order

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22
papers

191
citations

1307594

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1125743

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22
all docs

22
docs citations

22
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	High temperature oxidation behavior of nanostructured Ni-Al coatings on superalloy. Journal of Alloys and Compounds, 2009, 472, 478-483.	5.5	36
2	Study of cyclic hot corrosion of nanostructured Cr/Co-Al coatings on superalloy. Materials Chemistry and Physics, 2011, 126, 253-261.	4.0	27
3	Study of photocatalyst magnesium aluminate spinel nanoparticles. Journal of Nanostructure in Chemistry, 2015, 5, 147-151.	9.1	19
4	Synthesis, Characterization and Photocatalytic Studies of La, Dy-doped ZnO nanoparticles. Transactions of the Indian Institute of Metals, 2017, 70, 1063-1074.	1.5	15
5	Evaluation of High Temperature Oxidation Behaviour of Nanostructured Cr/Co-Al Coatings. Oxidation of Metals, 2010, 74, 341-358.	2.1	12
6	High temperature degradation behavior of sputtered nanostructured Co-Al coatings on superalloy. Applied Surface Science, 2013, 265, 10-23.	6.1	11
7	Microstructural Characterization and Cyclic Hot Corrosion Behaviour of Sputtered Co-Al Nanostructured Coatings on Superalloy. Oxidation of Metals, 2011, 76, 307-330.	2.1	10
8	Photocatalytic Studies of La,Ce Co-Doped ZnO Nanoparticles. Russian Journal of Applied Chemistry, 2020, 93, 1906-1919.	0.5	8
9	Effect of pH values on nanostructured Ni-P films. Applied Nanoscience (Switzerland), 2015, 5, 493-498.	3.1	7
10	Study of Nanostructured CeO ₂ Coatings on Superalloy. Surface Engineering, 2016, 32, 771-778.	2.2	7
11	Study of CoFe ₂ O ₄ /NiFe ₂ O ₄ nanocomposite ferrite film. Surface Engineering, 2017, 33, 810-815.	2.2	7
12	Degradation behaviour of sputtered Co-Al coatings on superalloy. Materials Chemistry and Physics, 2013, 138, 49-62.	4.0	5
13	Electroless nanocerium films on nickel-based superalloy. Surface Engineering, 2020, 36, 936-943.	2.2	5
14	Degradation Behaviour of Nanostructured CeO ₂ Films on Superalloy. Transactions of the Indian Institute of Metals, 2019, 72, 793-800.	1.5	4
15	Hot Corrosion Behaviour of Electroless Deposited Nano-structured Cerium Oxide Coatings on Superalloy. Journal of the Institution of Engineers (India): Series D, 2020, 101, 81-92.	1.0	4
16	Enhanced Photocatalytic and Photoluminescence Properties of Ce and Dy Co-Doped ZnO Nanoparticles. Russian Journal of Physical Chemistry A, 2021, 95, 1900-1910.	0.6	4
17	Study of structural and optical properties of Zn _{1-x} Al _x O nanoparticles. Materials Science in Semiconductor Processing, 2014, 18, 15-21.	4.0	3
18	Photocatalytic and Photoluminescence Studies of La, Ce, and Dy Co-doped ZnO Nanoflowers. Journal of the Institution of Engineers (India): Series E, 2022, 103, 259-270.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Microstructural Characterisations and High Temperature Oxidation Studies of Nanostructured Co-Al Coatings Deposited on Superalloy. Transactions of the Indian Institute of Metals, 2012, 65, 205-217.	1.5	2
20	Mechanical alloying and characterization of chlorine doped hydroxyapatite nanopowders. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
21	The degradation behaviour of nickel-based superalloys in the medical waste incineration plant. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1.	1.3	0
22	Structural and Photocatalytic Studies of Ce and Dy Co-doped ZnO Nanoflowers. Advances in Sustainability Science and Technology, 2022, , 765-777.	0.6	0