

Adil Saeed

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

386
citations

687363

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752698

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22
all docs

22
docs citations

22
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Friction Performance of Lubricants with Nano Additives. <i>Materials</i> , 2021, 14, 6310.	2.9	37
2	CuO Bionanocomposite with Enhanced Stability and Antibacterial Activity against Extended-Spectrum Beta-Lactamase Strains. <i>Materials</i> , 2021, 14, 6336.	2.9	2
3	A Novel Non-Destructive Sensing Technology for On-Site Corrosion Failure Evaluation of Coatings. <i>IEEE Access</i> , 2018, 6, 1042-1054.	4.2	18
4	Synergistic wear-corrosion analysis and modelling of nanocomposite coatings. <i>Tribology International</i> , 2018, 121, 30-44.	5.9	34
5	Electrochemical Comparison of SAN/PANI/FLG and ZnO/GO Coated Cast Iron Subject to Corrosive Environments. <i>Materials</i> , 2018, 11, 2239.	2.9	6
6	Experimental analysis and modelling for reciprocating wear behaviour of nanocomposite coatings. <i>Wear</i> , 2018, 416-417, 89-102.	3.1	19
7	Experimental analysis and modelling of c-crack propagation in silicon nitride ball bearing element under rolling contact fatigue. <i>Tribology International</i> , 2018, 126, 386-401.	5.9	27
8	Electrochemical corrosion failure analysis of large complex engineering structures by using micro-LPR sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 232-244.	7.8	9
9	A comprehensive predictive corrosion model incorporating varying environmental gas pollutants applied to wider steel applications. <i>Materials Chemistry and Physics</i> , 2017, 193, 19-34.	4.0	23
10	Analyzing and Modelling the Corrosion Behavior of Ni/Al ₂ O ₃ , Ni/SiC, Ni/ZrO ₂ and Ni/Graphene Nanocomposite Coatings. <i>Materials</i> , 2017, 10, 1225.	2.9	22
11	Predictive and prognostic modelling and simulation of coatings subject to corrosion and mechanical failures. <i>International Journal of Computational Methods and Experimental Measurements</i> , 2017, 6, 487-498.	0.2	1
12	Time dependent surface corrosion analysis and modelling of automotive steel under a simplistic model of variations in environmental parameters. <i>Materials Chemistry and Physics</i> , 2016, 178, 65-73.	4.0	19
13	Wear and Friction Properties of Electrodeposited Ni-Based Coatings Subject to Nano-enhanced Lubricant and Composite Coating. <i>Acta Metallurgica Sinica (English Letters)</i> , 2016, 29, 902-910.	2.9	32
14	A model for cathodic blister growth in coating degradation using mesomechanics approach. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016, 67, 495-503.	1.5	19
15	A predictive model for life assessment of automotive exhaust mufflers subject to internal corrosion failure due to exhaust gas condensation. <i>Engineering Failure Analysis</i> , 2016, 63, 43-60.	4.0	35
16	An Optimised Approach of Protecting and Sustaining Large Vehicle System. <i>Sustainability</i> , 2015, 7, 16451-16464.	3.2	9
17	Modelling the Effect of Residual and Diffusion induced Stresses on Corrosion at the Interface of Coating and Substrate. <i>Corrosion</i> , 2015, , .	1.1	9
18	Accelerated corrosion tests of waste-gated turbocharger's adjustable and fixed end links. <i>WIT Transactions on the Built Environment</i> , 2014, , .	0.0	1

#	ARTICLE	IF	CITATIONS
19	Material Characterization and Real-Time Wear Evaluation of Pistons and Cylinder Liners of the Tiger 131 Military Tank. Tribology Transactions, 2013, 56, 637-644.	2.0	24
20	Corrosion Damage Analysis and Material Characterization of Sherman and Centaur™ The Historic Military Tanks. Materials Performance and Characterization, 2013, 2, 30-44.	0.3	9
21	Non-destructive material characterisation and material loss evaluation in large historic military vehicles. Insight: Non-Destructive Testing and Condition Monitoring, 2011, 53, 382-386.	0.6	26
22	Material characterisation to understand various modes of corrosion failures in large military vehicles of historical importance. WIT Transactions on Engineering Sciences, 2011, , .	0.0	5