Adil Saeed

List of Publications by Year
in descending order

22 papers	386 citations	687363 13 h-index	752698 20 g-index
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. Materials, 2021, 14, 6310.	2.9	37
2	A predictive model for life assessment of automotive exhaust mufflers subject to internal corrosion failure due to exhaust gas condensation. Engineering Failure Analysis, 2016, 63, 43-60.	4.0	35
3	Synergistic wear-corrosion analysis and modelling of nanocomposite coatings. Tribology International, 2018, 121, 30-44.	5.9	34
4	Wear and Friction Properties of Electrodeposited Ni-Based Coatings Subject to Nano-enhanced Lubricant and Composite Coating. Acta Metallurgica Sinica (English Letters), 2016, 29, 902-910.	2.9	32
5	Experimental analysis and modelling of c-crack propagation in silicon nitride ball bearing element under rolling contact fatigue. Tribology International, 2018, 126, 386-401.	5.9	27
6	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
7	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
8	A comprehensive predictive corrosion model incorporating varying environmental gas pollutants applied to wider steel applications. Materials Chemistry and Physics, 2017, 193, 19-34.	4.0	23
9	Analyzing and Modelling the Corrosion Behavior of Ni/Al2O3, Ni/SiC, Ni/ZrO2 and Ni/Graphene Nanocomposite Coatings. Materials, 2017, 10, 1225.	2.9	22
10	Time dependent surface corrosion analysis and modelling of automotive steel under a simplistic model of variations in environmental parameters. Materials Chemistry and Physics, 2016, 178, 65-73.	4.0	19
11	A model for cathodic blister growth in coating degradation using mesomechanics approach. Materials and Corrosion - Werkstoffe Und Korrosion, 2016, 67, 495-503.	1.5	19
12	Experimental analysis and modelling for reciprocating wear behaviour of nanocomposite coatings. Wear, 2018, 416-417, 89-102.	3.1	19
13	A Novel Non-Destructive Sensing Technology for On-Site Corrosion Failure Evaluation of Coatings. IEEE Access, 2018, 6, 1042-1054.	4.2	18
14	An Optimised Approach of Protecting and Sustaining Large Vehicle System. Sustainability, 2015, 7, 16451-16464.	3.2	9
15	Modelling the Effect of Residual and Diffusion induced Stresses on Corrosion at the Interface of Coating and Substrate. Corrosion, 2015, , .	1.1	9
16	Electrochemical corrosion failure analysis of large complex engineering structures by using micro-LPR sensors. Sensors and Actuators B: Chemical, 2018, 268, 232-244.	7.8	9
17	Corrosion Damage Analysis and Material Characterization of Sherman and Centaurâ€"The Historic Military Tanks. Materials Performance and Characterization, 2013, 2, 30-44.	0.3	9
18	Electrochemical Comparison of SAN/PANI/FLG and ZnO/GO Coated Cast Iron Subject to Corrosive Environments. Materials, 2018, 11, 2239.	2.9	6

#	Article	IF	Citations
19	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
20	CuO Bionanocomposite with Enhanced Stability and Antibacterial Activity against Extended-Spectrum Beta-Lactamase Strains. Materials, 2021, 14, 6336.	2.9	2
21	Predictive and prognostic modelling and simulation of coatings subject to corrosion and mechanical failures. International Journal of Computational Methods and Experimental Measurements, 2017, 6, 487-498.	0.2	1
22	Accelerated corrosion tests of waste-gated turbochargerâ€™s adjustable and fixed end links. WIT Transactions on the Built Environment, 2014, , .	0.0	1