

Anil Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

535
citations

567281

15
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe-based metallic glass coatings by thermal spraying: a focused review on corrosion properties and related degradation mechanisms. <i>International Materials Reviews</i> , 2023, 68, 404-485.	19.3	20
2	Comparative Study on Wear and Corrosion Behavior of Plasma Sprayed Fe ₇₃ Cr ₂ Si ₁₁ B ₁₁ C ₃ and Fe ₆₃ Cr ₉ P ₅ B ₁₆ C ₇ Metallic Glass Composite Coatings. <i>Journal of Thermal Spray Technology</i> , 2022, 31, 1302-1316.	3.1	7
3	Multi-scale indentation creep behavior in Fe-based amorphous/nanocrystalline coating at room temperature. <i>Materials Letters</i> , 2021, 283, 128768.	2.6	17

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#	ARTICLE	IF	CITATIONS
19	Effect of sodium molybdate and sodium tungstate in concrete rebar corrosion. <i>Anti-Corrosion Methods and Materials</i> , 2019, 66, 253-263.	1.5	6
20	Fe-based amorphous/nanocrystalline composite coating by plasma spraying: Effect of heat input on morphology, phase evolution and mechanical properties. <i>Journal of Alloys and Compounds</i> , 2019, 771, 827-837.	5.5	59
21	Estimation of geopolymer concrete strength from ultrasonic pulse velocity (LIPV) using high power pulser. <i>Journal of Building Engineering</i> , 2018, 16, 39-44.	3.4	76
22	Comparative Behaviour of Nitrite and Nitrate for the Protection of Rebar Corrosion. <i>Journal of the Institution of Engineers (India): Series D</i> , 2017, 98, 177-187.	1.0	6
23	Development of Macroporous Silicone Rubber for Acoustic Applications. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 8751-8760.	3.7	29
24	Geopolymerization behavior of fine iron-rich fraction of brown fly ash. <i>Journal of Building Engineering</i> , 2016, 8, 172-178.	3.4	17
25	Alteration in hydrogen absorption by and hydrogen permeation through a high-strength low-alloy steel due to plasma source ion implantation of nitrogen. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2004, 35, 1123-1128.	2.1	3
26	Factors influencing the extent of hydrogen-enhanced brittle cracking in a Cu-strengthened HSLA steel during monotonic loading. <i>International Journal of Materials Research</i> , 2003, 94, 1228-1233.	0.8	1