

Balaguru Sethuraman

List of Publications by Year in descending order

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27
papers

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citations

1163117

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27
all docs

27
docs citations

27
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of hazardous material from wastewater by using metal organic framework (MOF) embedded polymeric membranes. Separation Science and Technology, 2019, 54, 434-446.	2.5	56
2	Hardfacing studies of Ni alloys: a critical review. Journal of Materials Research and Technology, 2021, 10, 1210-1242.	5.8	41
3	Effect of dilution on micro hardness of Ni-Cr-B-Si alloy hardfaced on austenitic stainless steel plate for sodium-cooled fast reactor applications. Nuclear Engineering and Technology, 2020, 52, 589-596.	2.3	30
4	A Pilot Randomized Controlled Trial of an Integrated In-person and Mobile Phone Delivered Counseling and Text Messaging Intervention to Reduce HIV Transmission Risk among Male Sex Workers in Chennai, India. AIDS and Behavior, 2017, 21, 3172-3181.	2.7	28
5	Investigations on different hardfacing processes for High temperature applications of Ni-Cr-B-Si alloy hardfaced on austenitic stainless steel components. Journal of Materials Research and Technology, 2020, 9, 10062-10072.	5.8	24
6	Influence of Welding Speed over Dilution for Circular Grid Plate Hardfaced with Colmonoy-5. Applied Mechanics and Materials, 0, 565, 53-58.	0.2	16
7	Thermo Mechanical Analysis of SS304 Circular Grid Plate Hard Faced with Colmonoy. Applied Mechanics and Materials, 0, 229-231, 710-717.	0.2	15
8	Measurement of the Residual Stresses and Investigation of Their Effects on a Hardfaced Grid Plate due to Thermal Cycling in a Pool Type Sodium-Cooled Fast Reactor. Science and Technology of Nuclear Installations, 2016, 2016, 1-8.	0.8	13
9	Effects of Different Operating Temperatures on the Tensile Properties of the Grid Plate Hardfaced with Colmonoy in a Pool Type Sodium Fast Reactor. Science and Technology of Nuclear Installations, 2017, 2017, 1-9.	0.8	13
10	Structural and modal Analysis of Scooter Frame for Design Improvement. Materials Today: Proceedings, 2019, 16, 1106-1116.	1.8	13
11	Investigation of the spinal cord as a natural receptor antenna for incident electromagnetic waves and possible impact on the central nervous system. Electromagnetic Biology and Medicine, 2012, 31, 101-111.	1.4	8
12	Variation in Residual Stresses due to Thermal Cycling Induced on the Hardfaced Grid Plate in PFBR. Applied Mechanics and Materials, 0, 591, 98-102.	0.2	8
13	Retail price analytics using backpropagation neural network and sentimental analysis. , 2017, , .		8
14	Laboratory Study on the Water-Soluble Polymer as a Self-Curing Compound for Cement Concrete Roads in Ethiopia. Technologies, 2022, 10, 80.	5.1	8
15	Development on fatigue testing of hardfaced components in sodium cooled fast reactors. Engineering Failure Analysis, 2022, 137, 106161.	4.0	7
16	Evaluation of Stress Intensity Factor of 316 SS LN Circular Grid Plate Hardfaced with Colmonoy 5 for Various Loads. Applied Mechanics and Materials, 0, 431, 173-176.	0.2	5
17	A Novel Approach for Analyzing the Social Network. Procedia Computer Science, 2015, 48, 686-691.	2.0	4
18	Experimental Investigation on Energy Saving due to Bubble Disturbance in Boiling Process. Lecture Notes in Mechanical Engineering, 2019, , 397-404.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Experimental Study on Vibration Control of Transportation Trailers Used for Spacecraft. Lecture Notes in Mechanical Engineering, 2020, , 143-151.	0.4	4
20	A mathematical model for root canal preparation using Endodontic file. Journal of Oral Biology and Craniofacial Research, 2020, 10, 396-400.	1.9	3
21	A Comparative Microleakage Assessment in Root Canals Obturated by Three Obturation Techniques using Fluid Filtration System. Biomedical and Pharmacology Journal, 2019, 12, 849-856.	0.5	3
22	Experimental Study on Tyre Dynamics and Properties of Heavy Load Transporting Vehicle. Lecture Notes in Mechanical Engineering, 2020, , 179-190.	0.4	3
23	FDTD analysis of spinal cord response to plane wave incidence. , 0, , .		1
24	Identification and Exploration of Lecithin from Novel Sources and its Applications. Asian Journal of Chemistry, 2014, 26, 3736-3740.	0.3	1
25	A Review of Contemporary Researches on Biomedical Image Analysis. Communications in Computer and Information Science, 2019, , 84-96.	0.5	1
26	An unusual "preexcited" cause of presyncope. Acta Cardiologica, 2018, 73, 195-196.	0.9	0
27	A Mathematical Model for Root Canal Preparation Using Endodontic File: Part B. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 2019, 43, 20-27.	0.5	0