

Rub  n Escribano Garc  a

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

434
citations

687363
13
h-index

752698
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23
all docs

23
docs citations

23
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosorption of Cu(II) ions as a method for the effective use of activated carbon from grape stalk waste: RMS optimization and kinetic studies. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 4706-4726.	2.3	5
2	Effective use of activated carbon from olive stone waste in the biosorption removal of Fe(III) ions from aqueous solutions. <i>Journal of Cleaner Production</i> , 2021, 294, 126332.	9.3	31
3	A Theoretical Model with Which to Safely Optimize the Configuration of Hydraulic Suspension of Modular Trailers in Special Road Transport. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 305.	2.5	5
4	Improvement in determining the risk of damage to the human lumbar functional spinal unit considering age, height, weight and sex using a combination of FEM and RSM. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 351-387.	2.8	26
5	Optimizing Laser Powder Bed Fusion Parameters for IN-738LC by Response Surface Method. <i>Materials</i> , 2020, 13, 4879.	2.9	14
6	Adsorptive of Nickel in Wastewater by Olive Stone Waste: Optimization through Multi-Response Surface Methodology Using Desirability Functions. <i>Water (Switzerland)</i> , 2020, 12, 1320.	2.7	20
7	A novel hybrid strip finishing process to improve mechanical properties and reduce energy consumption. <i>International Journal of Material Forming</i> , 2019, 12, 27-43.	2.0	0
8	Finite Element Model Updating Combined with Multi-Response Optimization for Hyper-Elastic Materials Characterization. <i>Materials</i> , 2019, 12, 1019.	2.9	53
9	Coagulation: Determination of Key Operating Parameters by Multi-Response Surface Methodology Using Desirability Functions. <i>Water (Switzerland)</i> , 2019, 11, 398.	2.7	23
10	Using Genetic Algorithms with Multi-Objective Optimization to Adjust Finite Element Models of Welded Joints. <i>Metals</i> , 2018, 8, 230.	2.3	42
11	Using the finite element method and data mining techniques as an alternative method to determine the maximum load capacity in tapered roller bearings. <i>Journal of Applied Logic</i> , 2017, 24, 4-14.	1.1	24
12	An Improvement in Biodiesel Production from Waste Cooking Oil by Applying Thought Multi-Response Surface Methodology Using Desirability Functions. <i>Energies</i> , 2017, 10, 130.	3.1	54
13	Improving the Process of Adjusting the Parameters of Finite Element Models of Healthy Human Intervertebral Discs by the Multi-Response Surface Method. <i>Materials</i> , 2017, 10, 1116.	2.9	31
14	Adjust the Thermo-Mechanical Properties of Finite Element Models Welded Joints Based on Soft Computing Techniques. <i>Lecture Notes in Computer Science</i> , 2017, , 699-709.	1.3	3
15	Improvement in the Process of Designing a New Artificial Human Intervertebral Lumbar Disc Combining Soft Computing Techniques and the Finite Element Method. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 223-232.	0.6	1
16	Improvement in the Design of Welded Joints of EN 235JR Low Carbon Steel by Multiple Response Surface Methodology. <i>Metals</i> , 2016, 6, 205.	2.3	27
17	Optimization of operating conditions for a double-row tapered roller bearing. <i>International Journal of Mechanics and Materials in Design</i> , 2016, 12, 353-373.	3.0	46
18	Combining the Finite Element Method and Response Surface Methodology for Adjustment of Contact Stress Ratios in Tapered Roller Bearings. <i>Mechanisms and Machine Science</i> , 2015, , 957-964.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Improvement in Manufacturing Welded Products through Multiple Response Surface Methodology and Data Mining Techniques. Advances in Intelligent Systems and Computing, 2014, , 301-310.	0.6	5
20	Combination of the Finite Element Method and Data Mining Techniques to Design and Optimize Bearings. Advances in Intelligent Systems and Computing, 2014, , 165-174.	0.6	3
21	Comparison Analysis of Regression Models Based on Experimental and FEM Simulation Datasets Used to Characterize Electrolytic Tinplate Materials. Advances in Intelligent Systems and Computing, 2014, , 279-288.	0.6	0
22	Modelling a Skin-Pass Rolling Process by Means of Data Mining Techniques and Finite Element Method. Journal of Iron and Steel Research International, 2012, 19, 43-49.	2.8	13