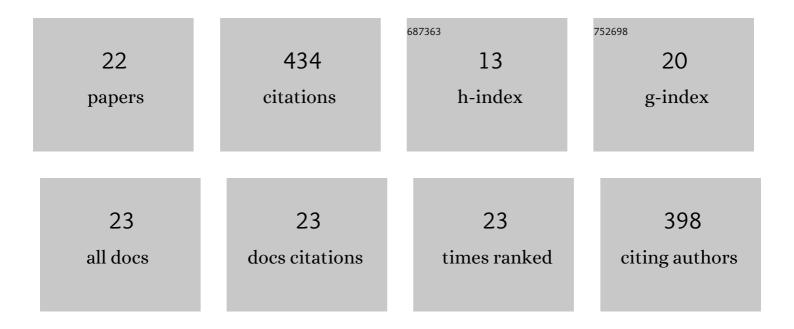
Rubén Escribano GarcÃ-a

List of Publications by Year in descending order

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#	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. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 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. Journal of Cleaner Production, 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. Applied Sciences (Switzerland), 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. Biomechanics and Modeling in Mechanobiology, 2020, 19, 351-387.	2.8	26
5	Optimizing Laser Powder Bed Fusion Parameters for IN-738LC by Response Surface Method. Materials, 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. Water (Switzerland), 2020, 12, 1320.	2.7	20
7	A novel hybrid strip finishing process to improve mechanical properties and reduce energy consumption. International Journal of Material Forming, 2019, 12, 27-43.	2.0	Ο
8	Finite Element Model Updating Combined with Multi-Response Optimization for Hyper-Elastic Materials Characterization. Materials, 2019, 12, 1019.	2.9	53
9	Coagulation: Determination of Key Operating Parameters by Multi-Response Surface Methodology Using Desirability Functions. Water (Switzerland), 2019, 11, 398.	2.7	23
10	Using Genetic Algorithms with Multi-Objective Optimization to Adjust Finite Element Models of Welded Joints. Metals, 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. Journal of Applied Logic, 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. Energies, 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. Materials, 2017, 10, 1116.	2.9	31
14	Adjust the Thermo-Mechanical Properties of Finite Element Models Welded Joints Based on Soft Computing Techniques. Lecture Notes in Computer Science, 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. Advances in Intelligent Systems and Computing, 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. Metals, 2016, 6, 205.	2.3	27
17	Optimization of operating conditions for a double-row tapered roller bearing. International Journal of Mechanics and Materials in Design, 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. Mechanisms and Machine Science, 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