

Angeles Saavedra

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

888
citations

430874

18
h-index

501196

28
g-index

53
all docs

53
docs citations

53
times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of grey-based methods in multi-criteria decision analysis for the evaluation of sustainable energy systems: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 924-932.	16.4	124
2	Comparison of Several Insulin Sensitivity Indices Derived from Basal Plasma Insulin and Glucose Levels with Minimal Model Indices. <i>Hormone and Metabolic Research</i> , 2003, 35, 13-17.	1.5	63
3	On the estimation of the marginal density of a moving average process. <i>Canadian Journal of Statistics</i> , 2000, 28, 799-815.	0.9	56
4	Rate of convergence of a convolution-type estimator of the marginal density of a MA(1) process. <i>Stochastic Processes and Their Applications</i> , 1999, 80, 129-155.	0.9	51
5	Weather datasets generated using kriging techniques to calibrate building thermal simulations with TRNSYS. <i>Journal of Building Engineering</i> , 2016, 7, 78-91.	3.4	39
6	Application of geostatistical techniques to exploitation planning in slate quarries. <i>Engineering Geology</i> , 1997, 47, 269-277.	6.3	34
7	Air quality parameters outliers detection using functional data analysis in the Langreo urban area (Northern Spain). <i>Applied Mathematics and Computation</i> , 2014, 241, 1-10.	2.2	34
8	Analysis of the relationship between body mass index, insulin resistance, and beta-cell function: A cross-sectional study using the minimal model. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 1462-1466.	3.4	33
9	Biomass Fuel and Combustion Conditions Selection in a Fixed Bed Combustor. <i>Energies</i> , 2013, 6, 5973-5989.	3.1	33
10	Origin, patterns and anthropogenic accumulation of potentially toxic elements (PTEs) in surface sediments of the AvilÃ©s estuary (Asturias, northern Spain). <i>Marine Pollution Bulletin</i> , 2014, 86, 530-538.	5.0	29
11	Bayesian Decision Tool for the Analysis of Occupational Accidents in the Construction of Embankments. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017, 143, .	3.8	29
12	A comparative study of two convolution-type estimators of the marginal density of moving average processes. <i>Computational Statistics</i> , 1999, 14, 355-373.	1.5	28
13	Determination of the specific heat of biomass materials and the combustion energy of coke by DSC analysis. <i>Energy</i> , 2012, 45, 746-752.	8.8	28
14	Using model-based geostatistics to predict lightning-caused wildfires. <i>Environmental Modelling and Software</i> , 2012, 29, 44-50.	4.5	25
15	Quality index for ornamental slate deposits. <i>Engineering Geology</i> , 1998, 50, 203-210.	6.3	21
16	Evaluation of the quality of a granite quarry. <i>Engineering Geology</i> , 1999, 53, 1-11.	6.3	20
17	Fuzzy expert system for economic zonation of an ornamental slate deposit. <i>Engineering Geology</i> , 2006, 84, 220-228.	6.3	20
18	Improving the calibration of building simulation with interpolated weather datasets. <i>Renewable Energy</i> , 2018, 122, 608-618.	8.9	19

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19	Evaluation of the reserve of a granite deposit by fuzzy kriging. <i>Engineering Geology</i> , 2008, 99, 23-30.	6.3	16
20	Relationships Between Phonological Awareness and Reading in Spanish: A Meta-Analysis. <i>Language Learning</i> , 2022, 72, 113-157.	2.7	15
21	Biomass Thermogravimetric Analysis: Uncertainty Determination Methodology and Sampling Maps Generation. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2701-2714.	4.1	14
22	Heterogenic Solid Biofuel Sampling Methodology and Uncertainty Associated with Prompt Analysis. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2118-2133.	4.1	14
23	Geostatistical study of the feldspar content and quality of a granite deposit. <i>Engineering Geology</i> , 2002, 65, 285-292.	6.3	12
24	Nonparametric maximum likelihood estimators for ar and ma time series. <i>Journal of Statistical Computation and Simulation</i> , 2003, 73, 347-360.	1.2	12
25	Glucose metabolism in lean patients with mild type 2 diabetes mellitus: Evidence for insulin-sensitive and insulin-resistant variants. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 1047-1052.	3.4	10
26	Element enrichment factor calculation using grain-size distribution and functional data regression. <i>Chemosphere</i> , 2015, 119, 1192-1199.	8.2	10
27	A fuzzy expert system application to the evaluation of ceramic- and paper-quality kaolin. <i>Applied Clay Science</i> , 2006, 33, 287-297.	5.2	9
28	Intercomparison Exercise for Gases Emitted by a Cement Industry in Spain: A Functional Data Approach. <i>Journal of the Air and Waste Management Association</i> , 2011, 61, 135-141.	1.9	8
29	Differentiating between fatal and non-fatal mining accidents using artificial intelligence techniques. <i>International Journal of Mining, Reclamation and Environment</i> , 2020, 34, 687-699.	2.8	7
30	Risk Communications: Around the World Neural Network Models for Assessing Road Suitability for Dangerous Goods Transport. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006, 12, 174-191.	3.4	6
31	Uncertainty Determination Methodology, Sampling Maps Generation and Trend Studies with Biomass Thermogravimetric Analysis. <i>International Journal of Molecular Sciences</i> , 2010, 11, 3660-3674.	4.1	6
32	Estimating Quartz Reserves Using Compositional Kriging. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-6.	0.7	6
33	Improving transient thermal simulations of single dwellings using interpolated weather data. <i>Energy and Buildings</i> , 2017, 135, 212-224.	6.7	6
34	A Bayesian assessment of occupational health surveillance in workers exposed to silica in the energy and construction industry. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29560-29569.	5.3	6
35	AI Approaches to Environmental Impact Assessments (EIAs) in the Mining and Metals Sector Using AutoML and Bayesian Modeling. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7914.	2.5	6
36	On dichotomous choice contingent valuation data analysis: Semiparametric methods and Genetic Programming. <i>Journal of Forest Economics</i> , 2010, 16, 145-156.	0.2	5

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37	Potential effect of uncertainty on the GRG interpretation. Grey Systems Theory and Application, 2013, 3, 121-128.	2.1	5
38	Analysis of dust pollution in slate and granite transformation plants. Environmental Progress, 2007, 26, 178-187.	0.7	4
39	A comparative analysis of health surveillance strategies for administrative video display terminal employees. BioMedical Engineering OnLine, 2019, 18, 118.	2.7	4
40	Residual forest biomass and energy assessment: a case study analysis in the region of Alto Minho (North Portugal) for the creation of BLCs and 2GBLCs. International Journal of Sustainable Energy, 2022, 41, 85-102.	2.4	4
41	SMOOTHED BOOTSTRAP BANDWIDTH SELECTION IN NONPARAMETRIC DENSITY ESTIMATION FOR MOVING AVERAGE PROCESSES. Stochastic Analysis and Applications, 2001, 19, 555-580.	1.5	3
42	Evaluation of a slate extraction bank. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2001, 110, 40-46.	0.8	3
43	Bias and Variance of the Nonparametric MLE Under Length-Biased Censored Sampling: A Simulation Study. Communications in Statistics Part B: Simulation and Computation, 2004, 33, 397-413.	1.2	3
44	Bayesian network analysis of accident risk in information-deficient scenarios. , 2017, 16, 439-446.		2
45	Insulin resistance in essential hypertension: a conflictive point of view. Diabetic Medicine, 2003, 20, 1035-1035.	2.3	1
46	Experimental analysis of several biomass fuels: The effect of the devolatilization rate on packed bed combustion. Journal of Renewable and Sustainable Energy, 2012, 4, 053104.	2.0	1
47	Generalized Linear Spatial Models to Predict Slate Exploitability. Journal of Applied Mathematics, 2013, 2013, 1-7.	0.9	1
48	Estudio de la calidad de un yacimiento de feldespatos. Materiales De Construccion, 2000, 50, 79-85.	0.7	1
49	The uncertainties about the relationships risk-“return”-volatility in the Spanish stock market. Computational Statistics, 2009, 24, 113-126.	1.5	0
50	Method for the Evaluation of the Reserve of a Metallurgical Quartz Deposit by Advanced Kriging Techniques. Key Engineering Materials, 2013, 548, 31-38.	0.4	0
51	Analysis of tailing pond contamination in Galicia using generalized linear spatial models. DYNA (Colombia), 2015, 82, 76-83.	0.4	0
52	Análisis bayesiano de factores de riesgo de accidente en trabajos de movimientos de tierras. Informes De La Construccion, 2017, 69, 192.	0.3	0