

Claudio Guarnaccia

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,012
citations

687220

13
h-index

243529

44
g-index

53
all docs

53
docs citations

53
times ranked

2909
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between obesity and frequency of high-grade prostate cancer on biopsy in men: A single-center retrospective study. <i>Molecular and Clinical Oncology</i> , 2022, 17, .	0.4	8
2	Soundwalk, Questionnaires and Noise Measurements in a University Campus: A Soundscape Study. <i>Sustainability</i> , 2021, 13, 841.	1.6	16
3	Geo-Crowdsourced Sound Level Data in Support of the Community Facilities Planning. A Methodological Proposal. <i>Sustainability</i> , 2021, 13, 5486.	1.6	13
4	Application of Machine Learning to Include Honking Effect in Vehicular Traffic Noise Prediction. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6030.	1.3	16
5	Short-Term Associations between Morbidity and Air Pollution in Metropolitan Area of Monterrey, Mexico. <i>Atmosphere</i> , 2021, 12, 1352.	1.0	1
6	Numerical simulation of acoustic emission activity in reinforced concrete structures by means of finite element modelling at the macroscale. <i>Structural Health Monitoring</i> , 2020, 19, 537-551.	4.3	6
7	Drinking Water Tank Level Analysis with ARIMA Models: A Case Study. <i>Environmental Sciences Proceedings</i> , 2020, 2, .	0.3	0
8	EAgLE: Equivalent Acoustic Level Estimator Proposal. <i>Sensors</i> , 2020, 20, 701.	2.1	13
9	Health Risk Assessment of the Levels of BTEX in Ambient Air of One Urban Site Located in Leon, Guanajuato, Mexico during Two Climatic Seasons. <i>Atmosphere</i> , 2020, 11, 165.	1.0	30
10	A Comparative Assessment of Analytical Fate and Transport Models of Organic Contaminants in Unsaturated Soils. <i>Sustainability</i> , 2020, 12, 2949.	1.6	15
11	Exploring the Potential of Web Based Information of Business Popularity for Supporting Sustainable Traffic Management. <i>Transport and Telecommunication</i> , 2020, 21, 47-60.	0.7	5
12	Comparison of Single Vehicle Noise Emission Models in Simulations and in a Real Case Study by means of Quantitative Indicators. <i>International Journal of Mechanics</i> , 2020, 14, 198-207.	0.2	4
13	Special Issue on Modelling, Simulation and Data Analysis in Acoustical Problems. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5261.	1.3	1
14	Trace Metal Content and Health Risk Assessment of PM10 in an Urban Environment of León, Mexico. <i>Atmosphere</i> , 2019, 10, 573.	1.0	13
15	Prediction of Airport Acoustical Noise by Deterministic Decomposition and Seasonal ARIMA Techniques. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 69-75.	0.3	0
16	Advanced Impact Integration Platform for Cooperative Road Use. <i>International Journal of Intelligent Transportation Systems Research</i> , 2018, 16, 1-15.	0.6	11
17	Characterization and sources of aromatic hydrocarbons (BTEX) in an urban site of Tijuana, Baja California, Mexico. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	2
18	Spatial Information on Voice Generation from a Multi-Channel Electroglottograph. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1560.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Validation of Seasonal ARIMA Models on Road Traffic Noise Measurements. MATEC Web of Conferences, 2018, 210, 05001.	0.1	2
20	Statistical and semi-dynamical road traffic noise models comparison with field measurements. AIP Conference Proceedings, 2018, , .	0.3	13
21	Honking noise contribution to road traffic noise prediction. AIP Conference Proceedings, 2018, , .	0.3	1
22	Energy retrofit assessment through automated valuation models: An Italian case study. AIP Conference Proceedings, 2018, , .	0.3	1
23	The Potential of Metering Roundabouts: Influence in Transportation Externalities. Transportation Research Record, 2018, 2672, 21-34.	1.0	13
24	ARIMA models application to air pollution data in Monterrey, Mexico. AIP Conference Proceedings, 2018, , .	0.3	6
25	Development of Seasonal ARIMA Models for Traffic Noise Forecasting. MATEC Web of Conferences, 2017, 125, 05013.	0.1	4
26	Time series analysis techniques applied to transportation noise. , 2017, , .		3
27	A hybrid predictive model for acoustic noise in urban areas based on time series analysis and artificial neural network. AIP Conference Proceedings, 2017, , .	0.3	2
28	Deterministic decomposition and seasonal ARIMA time series models applied to airport noise forecasting. AIP Conference Proceedings, 2017, , .	0.3	9
29	A time series analysis and a non-homogeneous Poisson model with multiple change-points applied to acoustic data. Applied Acoustics, 2016, 114, 203-212.	1.7	16
30	An analysis of airport noise data using a non-homogeneous Poisson model with a change-point. Applied Acoustics, 2015, 91, 33-39.	1.7	21
31	Diurnal and seasonal variation of BTEX in the air of Monterrey, Mexico: preliminary study of sources and photochemical ozone pollution. Air Quality, Atmosphere and Health, 2015, 8, 469-482.	1.5	45
32	Modeling environmental noise exceedances using non-homogeneous Poisson processes. Journal of the Acoustical Society of America, 2014, 136, 1631-1639.	0.5	18
33	SPEED DISTRIBUTION INFLUENCE IN ROAD TRAFFIC NOISE PREDICTION. Environmental Engineering and Management Journal, 2013, 12, 493-501.	0.2	32
34	First commissioning results of ALICE-TOF SuperModules. Indian Journal of Physics, 2011, 85, 1155-1159.	0.9	1
35	AN URBAN GROWTH MODEL BASED ON A CELLULAR AUTOMATA PHENOMENOLOGICAL FRAMEWORK. International Journal of Modern Physics C, 2011, 22, 543-561.	0.8	7
36	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	0.5	171

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37	First proton–proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	1.4	124
38	Two-particle correlations from RHIC to LHC with a new method based on the fourier transform. Indian Journal of Physics, 2010, 84, 1651-1655.	0.9	0
39	First detection of extensive air shower with the EEE experiment. , 2009, , .		0
40	Towards the installation and use of an extended array for cosmic ray detection: The EEE Project. Nuclear Physics, Section B, Proceedings Supplements, 2009, 190, 38-43.	0.5	6
41	A topological trigger based on the Time-of-Flight detector for the ALICE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 372-376.	0.7	7
42	Final test of the MRPC production for the ALICE TOF detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 709-712.	0.7	34
43	Data quality monitor as the final quality assurance procedure for the ALICE-TOF detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 821-824.	0.7	3
44	Construction and tests of the MRPC detectors for TOF in ALICE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 658-664.	0.7	5
45	Performance of a six gap MRPC built for large area coverage. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 263-268.	0.7	43
46	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	0.5	811
47	Quality assurance procedures for the construction of ALICE TOF SuperModules. , 2008, , .		0
48	Tools to monitor the quality of the ALICE-TOF detector data. , 2008, , .		0
49	Latest results from a mass production sample of MRPCs for the ALICE TOF detector. , 2008, , .		0
50	Multiplicity studies and effective energy in ALICE at the LHC. European Physical Journal C, 2007, 50, 341-352.	1.4	7
51	Study of QGP signatures with the $\bar{p} + K + K$ signal in Pb-Pb ALICE events. European Physical Journal C, 2006, 45, 669-677.	1.4	3
52	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	1.4	441