

# Giuseppe Piras

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3736358/publications.pdf>

Version: 2024-02-01

31  
papers

382  
citations

858243

12  
h-index

939365

18  
g-index

31  
all docs

31  
docs citations

31  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of COVID-19 on the distribution of PM10 pollution classes of vehicles: Comparison between 2020 and 2018. <i>Science of the Total Environment</i> , 2022, 811, 152036.	3.9	2
2	Marine Online Platforms of Services to Public End-Usersâ€”The Innovation of the ODYSSEA Project. <i>Remote Sensing</i> , 2022, 14, 572.	1.8	3
3	Renewable Energy System Controlled by Open-Source Tools and Digital Twin Model: Zero Energy Port Area in Italy. <i>Energies</i> , 2022, 15, 1817.	1.6	31
4	Quaternion convolutional long short-term memory neural model with an adaptive decomposition method for wind speed forecasting: North aegean islands case studies. <i>Energy Conversion and Management</i> , 2022, 259, 115590.	4.4	34
5	Energy and Exergy Analyses on Seasonal Comparative Evaluation of Water Flow Cooling for Improving the Performance of Monocrystalline PV Module in Hot-Arid Climate. <i>Sustainability</i> , 2021, 13, 6084.	1.6	10
6	Impact of the different vehicle fleets on PM10 pollution: Comparison between the ten most populous Italian metropolitan cities for the year 2018. <i>Science of the Total Environment</i> , 2021, 773, 145524.	3.9	6
7	Multi-Mode Wave Energy Converter Design Optimisation Using an Improved Moth Flame Optimisation Algorithm. <i>Energies</i> , 2021, 14, 3737.	1.6	15
8	A new methodology for offshore wind speed assessment integrating Sentinel-1, ERA-Interim and in-situ measurement. <i>Renewable Energy</i> , 2021, 172, 1301-1313.	4.3	19
9	Investigating Smart City Development Based on Green Buildings, Electrical Vehicles and Feasible Indicators. <i>Sustainability</i> , 2021, 13, 7808.	1.6	38
10	Condenser Design for On-Board ORC Recovery System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6356.	1.3	2
11	Comparative Study of Oscillating Surge Wave Energy Converter Performance: A Case Study for Southern Coasts of the Caspian Sea. <i>Sustainability</i> , 2021, 13, 10932.	1.6	13
12	Development of Sustainable Energy Use with Attention to Fruitful Policy. <i>Sustainability</i> , 2021, 13, 13840.	1.6	6
13	Green Energy Sources Assessment Using Sentinel-1 Satellite Remote Sensing. <i>Frontiers in Energy Research</i> , 2021, 9, .	1.2	5
14	Performance Evaluation of Solar Power Plants: A Review and a Case Study. <i>Processes</i> , 2021, 9, 2253.	1.3	9
15	GreenCube: microgreens cultivation and growth monitoring on-board a 3U CubeSat. , 2020, , .		6
16	Optimization of Design and Management of a Hydroponic Greenhouse by Using BIM Application Software. <i>International Journal of Sustainable Development and Planning</i> , 2020, 15, 157-163.	0.3	6
17	An identification and a prioritisation of geographic and temporal data gaps of Mediterranean marine databases. <i>Science of the Total Environment</i> , 2019, 668, 531-546.	3.9	20
18	Dynamic Simulation Model of Trans-Critical Carbon Dioxide Heat Pump Application for Boosting Low Temperature Distribution Networks in Dwellings. <i>Energies</i> , 2019, 12, 484.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Correlations of PM10 concentrations in urban areas with vehicle fleet development, rain precipitation and diesel fuel sales. Atmospheric Pollution Research, 2019, 10, 1165-1179.	1.8	20
20	Nearshore wave energy converters comparison and Mediterranean small island grid integration. Sustainable Energy Technologies and Assessments, 2018, 30, 68-76.	1.7	37
21	The use of local materials for low-energy service buildings in touristic island: The case study of Favignana island. , 2017, , .		5
22	ENHANCING THE URBAN QUALITY OF LIFE: A CASE STUDY OF A COASTAL CITY IN THE METROPOLITAN AREA OF ROME. , 2017, , .		9
23	FEASIBILITY OF MUNICIPAL WASTE REUSE FOR BUILDING ENVELOPES FOR NEAR ZERO-ENERGY BUILDINGS. , 2017, , .		11
24	Assessment of a urban sustainability and life quality index for elderly. International Journal of Sustainable Development and Planning, 2017, 12, 908-921.	0.3	14
25	Cost-Benefit Analysis for Energy Management in Public Buildings: Four Italian Case Studies. Energies, 2016, 9, 522.	1.6	30
26	Life cycle assessment of electricity generated by photovoltaic systems manufactured in Europe and installed in buildings in the city of Rome. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	3
27	Sustainable solutions for spa design, Dubai, United Arab Emirates: building envelope optimization and impact energy evaluation. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	0
28	Proposal for a classification method of building materials in the Italian rules concerning low energy design. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	0
29	Oil Spill Detection Analyzing "Sentinel 2" Satellite Images: A Persian Gulf Case Study. , 0, , .		9
30	Mapping Sea Water Surface in Persian Gulf, Oil Spill Detection Using Sentinel-1 Images. , 0, , .		3
31	Nearshore Wave Energy Assessment of Iranian Coastlines. , 0, , .		3