Mattia Santoro

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7372779/publications.pdf

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27	605	759233 12	677142 22
papers	citations	h-index	g-index

27	27	27	789
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Big Data challenges in building the Global Earth Observation System of Systems. Environmental Modelling and Software, 2015, 68, 1-26.	4.5	202
2	Knowledge generation using satellite earth observations to support sustainable development goals (SDG): A use case on Land degradation. International Journal of Applied Earth Observation and Geoinformation, 2020, 88, 102068.	2.8	73
3	Monitoring land degradation at national level using satellite Earth Observation time-series data to support SDG15 â€“ exploring the potential of data cube. Big Earth Data, 2020, 4, 3-22.	4.4	62
4	Towards a knowledge base to support global change policy goals. International Journal of Digital Earth, 2020, 13, 188-216.	3.9	41
5	Bringing GEOSS Services into Practice: A Capacity Building Resource on Spatial Data Infrastructures (SDI). Transactions in GIS, 2017, 21, 811-824.	2.3	32
6	Integrative Research: The EuroGEOSS Experience. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1603-1611.	4.9	29
7	Contributing to the GEO Model Web implementation: A brokering service for business processes. Environmental Modelling and Software, 2016, 84, 18-34.	4.5	23
8	Developing food, water and energy nexus workflows. International Journal of Digital Earth, 2020, 13, 299-308.	3.9	21
9	Exploring the depths of the global earth observation system of systems. Big Earth Data, 2017, 1, 21-46.	4.4	18
10	The VLab Framework: An Orchestrator Component to Support Data to Knowledge Transition. Remote Sensing, 2020, 12, 1795.	4.0	16
11	Essential earth observation variables for high-level multi-scale indicators and policies. Environmental Science and Policy, 2022, 131, 105-117.	4.9	16
12	Architecture of a Process Broker for Interoperable Geospatial Modeling on the Web. ISPRS International Journal of Geo-Information, 2015, 4, 647-660.	2.9	13
13	Knowledge formalization for Earth Science informed decision-making: The GEOEssential Knowledge Base. Environmental Science and Policy, 2022, 131, 93-104.	4.9	13
14	Inter-disciplinary Interoperability for Global Sustainability Research. Lecture Notes in Computer Science, 2011, , 1-15.	1.3	11
15	Arctic observations and sustainable development goals â€“ Contributions and examples from ERA-PLANET iCUPE data. Environmental Science and Policy, 2022, 132, 323-336.	4.9	6
16	Methodologies for Augmented Discovery of Geospatial Resources. , 2012, , 172-203.		5
17	Interoperability challenges in river discharge modelling: A cross domain application scenario. Computers and Geosciences, 2018, 115, 66-74.	4.2	4
18	A Revised Snow Cover Algorithm to Improve Discrimination between Snow and Clouds: A Case Study in Gran Paradiso National Park. Remote Sensing, 2021, 13, 1957.	4.0	4

#	Article	IF	Citations
19	Semantic Search for Earth Observartion Products using Ontology Services. Lecture Notes in Computer Science, 2014, , 173-178.	1.3	4
20	CDI/THREDDS interoperability in the SeaDataNet framework. Advances in Geosciences, 0, 28, 17-27.	12.0	3
21	One decade (2011â€“2020) of European agricultural water stress monitoring by MSG-SEVIRI: workflow implementation on the Virtual Earth Laboratory (VLab) platform. International Journal of Digital Earth, 2022, 15, 730-747.	3.9	3
22	European Landscape Dynamics: Corine Land Cover Data. Photogrammetric Engineering and Remote Sensing, 2017, 83, 79-79.	0.6	2
23	APIs for EU Governments: A Landscape Analysis on Policy Instruments, Standards, Strategies and Best Practices. Data, 2021, 6, 59.	2.3	2
24	Methodologies for Augmented Discovery of Geospatial Resources. , 2013, , 305-335.		1
25	Prod-Trees: Semantic Search for Earth Observation Products. Lecture Notes in Computer Science, 2014, , 374-378.	1.3	1
26	The GEOSS Common Infrastructure for the heavy metal pollution community applications. E3S Web of Conferences, 2013, 1, 18002.	0.5	0
27	From Data to Knowledge using the GEOSS platform to support Sustainable Development Goals. IOP Conference Series: Earth and Environmental Science, 2020, 509, 012020.	0.3	0