

Pasquale Pagano

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

790
citations

623734
14
h-index

642732
23
g-index

70
all docs

70
docs citations

70
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual Research Environments: An Overview and a Research Agenda. Data Science Journal, 2013, 12, GRDI75-GRDI81.	1.3	72
2	Forecasting the ongoing invasion of Lagocephalus scleratus in the Mediterranean Sea. Ecological Modelling, 2018, 371, 37-49.	2.5	47
3	Enacting open science by D4Science. Future Generation Computer Systems, 2019, 101, 555-563.	7.5	44
4	OpenDLib: A Digital Library Service System. Lecture Notes in Computer Science, 2002, , 292-308.	1.3	38
5	Parallelizing the execution of native data mining algorithms for computational biology. Concurrency Computation Practice and Experience, 2015, 27, 4630-4644.	2.2	28
6	Species distribution modeling in the cloud. Concurrency Computation Practice and Experience, 2016, 28, 1056-1079.	2.2	27
7	Cloud computing in a distributed eâ€¢infrastructure using the web processing service standard. Concurrency Computation Practice and Experience, 2017, 29, e4219.	2.2	27
8	DILIGENT: integrating digital library and Grid technologies for a new Earth observation research infrastructure. International Journal on Digital Libraries, 2007, 7, 59-80.	1.5	26
9	The gCube system: Delivering Virtual Research Environments as-a-Service. Future Generation Computer Systems, 2019, 95, 445-453.	7.5	26
10	Improving data quality to build a robust distribution model for Architeuthis dux. Ecological Modelling, 2015, 305, 29-39.	2.5	21
11	Estimating absence locations of marine species from data of scientific surveys in OBIS. Ecological Modelling, 2016, 323, 61-76.	2.5	21
12	Data science: a game changer for science and innovation. International Journal of Data Science and Analytics, 2021, 11, 263-278.	4.1	18
13	The D-NET software toolkit. Data Technologies and Applications, 2014, 48, 322-354.	0.8	17
14	Analysing and forecasting fisheries time series: purse seine in Indian Ocean as a case study. ICES Journal of Marine Science, 2016, 73, 2552-2571.	2.5	17
15	Data Interoperability. Data Science Journal, 2013, 12, GRDI19-GRDI25.	1.3	17
16	Combining simulated expert knowledge with Neural Networks to produce Ecological Niche Models for Latimeria chalumnae. Ecological Modelling, 2013, 268, 55-63.	2.5	16
17	An infrastructure-oriented approach for supporting biodiversity research. Ecological Informatics, 2015, 26, 162-172.	5.2	16
18	Science 2.0 Repositories: Time for a Change in Scholarly Communication. D-Lib Magazine, 2015, 21, .	0.5	16

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19	Supporting biodiversity studies with the EUBrazilOpenBio Hybrid Data Infrastructure. Concurrency Computation Practice and Experience, 2015, 27, 376-394.	2.2	15
20	Realizing and Maintaining Aggregative Digital Library Systems: D-NET Software Toolkit and OAlster System. D-Lib Magazine, 2010, 16, .	0.5	15
21	History, Evolution, and Impact of Digital Libraries. , 2011, , 1-30.		15
22	On-demand virtual research environments and the changing roles of librarians. Library Hi Tech, 2009, 27, 239-251.	5.1	14
23	Retrieving taxa names from large biodiversity data collections using a flexible matching workflow. Ecological Informatics, 2015, 28, 29-41.	5.2	14
24	Automatic classification of climate change effects on marine species distributions in 2050 using the AquaMaps model. Environmental and Ecological Statistics, 2016, 23, 155-180.	3.5	14
25	A collection of Aquamaps native layers in NetCDF format. Data in Brief, 2018, 17, 292-296.	1.0	13
26	An Open Science approach to infer fishing activity pressure on stocks and biodiversity from vessel tracking data. Ecological Informatics, 2021, 64, 101384.	5.2	12
27	Comparing heterogeneous distribution maps for marine species. GIScience and Remote Sensing, 2014, 51, 593-611.	5.9	10
28	Classifying degrees of species commonness: North Sea fish as a case study. Ecological Modelling, 2015, 312, 272-280.	2.5	10
29	Detecting patterns of climate change in long-term forecasts of marine environmental parameters. International Journal of Digital Earth, 2020, 13, 567-585.	3.9	10
30	Realising Virtual Research Environments by Hybrid Data Infrastructures: the D4Science Experience. , 2014, , .		10
31	A system for building expandable digital libraries. , 0, , .		9
32	Deriving fishing monthly effort and caught species from vessel trajectories. , 2013, , .		8
33	A Grid-Based Infrastructure for Distributed Retrieval. Lecture Notes in Computer Science, 2007, , 161-173.	1.3	8
34	Moving Digital Library Service Systems to the Grid. Lecture Notes in Computer Science, 2005, , 236-259.	1.3	7
35	From Heterogeneous Information Spaces to Virtual Documents. Lecture Notes in Computer Science, 2005, , 11-22.	1.3	7
36	Methods and Tools for Supporting the Integration of Stocks and Fisheries. Communications in Computer and Information Science, 2019, , 20-34.	0.5	7

#	ARTICLE	IF	CITATIONS
37	A Service for Supporting Virtual Views of Large Heterogeneous Digital Libraries. Lecture Notes in Computer Science, 2003, , 362-373.	1.3	7
38	Developing a European Technical Reference Digital Library. Lecture Notes in Computer Science, 1999, , 343-362.	1.3	6
39	Reconstructing 3D virtual environments within a collaborative eâ€“infrastructure. Concurrency Computation Practice and Experience, 2019, 31, e5028.	2.2	6
40	Foundations of a Multidimensional Query Language for Digital Libraries. Lecture Notes in Computer Science, 2002, , 251-265.	1.3	5
41	Virtual research environments coâ€“creation: The D4Science experience. Concurrency Computation Practice and Experience, 2023, 35, .	2.2	5
42	Building a European geothermal information network using a distributed e-Infrastructure. International Journal of Digital Earth, 2016, 9, 499-519.	3.9	4
43	Realizing virtual research environments for the agriâ€“food community: The AGINFRA PLUS experience. Concurrency Computation Practice and Experience, 2021, 33, e6087.	2.2	4
44	NLPHub: An eâ€“infrastructureâ€“based text mining hub. Concurrency Computation Practice and Experience, 2021, 33, e5986.	2.2	4
45	OpenDLib: an infrastructure for new generation digital libraries. International Journal on Digital Libraries, 2004, 4, 45-47.	1.5	3
46	Second workshop on very large digital libraries. SIGMOD Record, 2010, 38, 46-48.	1.2	3
47	A Reference Architecture for Digital Library Systems: Principles and Applications. , 2007, , 22-35.		3
48	An Approach to Virtual Research Environment User Interfaces Dynamic Construction. Lecture Notes in Computer Science, 2011, , 101-109.	1.3	3
49	OpenDLibG: Extending OpenDLib by Exploiting a gLite Grid Infrastructure. Lecture Notes in Computer Science, 2006, , 1-13.	1.3	2
50	The D4Science Approach toward Grid Resource Sharing: The Species Occurrence Maps Generation Case. , 2011, , 225-238.		2
51	Infrastructure-Based Research Digital Libraries. Advances in Library and Information Science, 2013, , 1-17.	0.2	2
52	Automatic Procedures to Assist in Manual Review of Marine Species Distribution Maps. Lecture Notes in Computer Science, 2013, , 346-355.	1.3	2
53	Enhancing the OpenDLib Search Service. Lecture Notes in Computer Science, 2004, , 353-365.	1.3	1
54	First workshop on very large digital libraries – VLDL 2008. SIGMOD Record, 2009, 37, 115-117.	1.2	1

#	ARTICLE	IF	CITATIONS
55	Second Workshop on Very Large Digital Libraries 2009. D-Lib Magazine, 2009, 15, .	0.5	1
56	Supporting Tabular Data Characterization in a Large Scale Data Infrastructure by Lexical Matching Techniques. Communications in Computer and Information Science, 2013, , 21-32.	0.5	1
57	The ERCIM Technical Reference Digital Library. D-Lib Magazine, 1999, 5, .	0.5	1
58	History, Evolution, and Impact of Digital Libraries. , 0, , 837-866.		1
59	ReLock: a resilient two-phase locking RESTful transaction model. Service Oriented Computing and Applications, 2021, 15, 75-92.	1.6	0
60	OpenDLib. , 2009, , 1-7.		0
61	An Event-Centric Provenance Model for Digital Libraries. Communications in Computer and Information Science, 2010, , 79-88.	0.5	0
62	Repositories for Open Science: The SciRepo Reference Model. Communications in Computer and Information Science, 2015, , 298-311.	0.5	0
63	Data Processing and Analytics for Data-Centric Sciences. Lecture Notes in Computer Science, 2020, , 176-191.	1.3	0