Pasquale Pagano

List of Publications by Year
in descending order

63 papers	790 citations
623574 14 h-index	642610 23 g-index
70 all docs	70 docs citations
70 times ranked	780 citing authors

#	Article	IF	Citations
1	Virtual research environments coâ€creation: The D4Science experience. Concurrency Computation Practice and Experience, 2023, 35, .	1.4	5
2	Realizing virtual research environments for the agriâ€food community: The AGINFRA PLUS experience. Concurrency Computation Practice and Experience, 2021, 33, e6087.	1.4	4
3	NLPHub: An eâ€Infrastructureâ€based text mining hub. Concurrency Computation Practice and Experience, 2021, 33, e5986.	1.4	4
4	ReLock: a resilient two-phase locking RESTful transaction model. Service Oriented Computing and Applications, 2021, 15, 75-92.	1.3	0
5	Data science: a game changer for science and innovation. International Journal of Data Science and Analytics, 2021, 11, 263-278.	2.4	18
6	An Open Science approach to infer fishing activity pressure on stocks and biodiversity from vessel tracking data. Ecological Informatics, 2021, 64, 101384.	2.3	12
7	Detecting patterns of climate change in long-term forecasts of marine environmental parameters. International Journal of Digital Earth, 2020, 13, 567-585.	1.6	10
8	Data Processing and Analytics for Data-Centric Sciences. Lecture Notes in Computer Science, 2020, , 176-191.	1.0	0
9	Enacting open science by D4Science. Future Generation Computer Systems, 2019, 101, 555-563.	4.9	44
10	The gCube system: Delivering Virtual Research Environments as-a-Service. Future Generation Computer Systems, 2019, 95, 445-453.	4.9	26
11	Reconstructing 3D virtual environments within a collaborative eâ€infrastructure. Concurrency Computation Practice and Experience, 2019, 31, e5028.	1.4	6
12	Methods and Tools for Supporting the Integration of Stocks and Fisheries. Communications in Computer and Information Science, 2019, , 20-34.	0.4	7
13	Forecasting the ongoing invasion of Lagocephalus sceleratus in the Mediterranean Sea. Ecological Modelling, 2018, 371, 37-49.	1.2	47
14	A collection of Aquamaps native layers in NetCDF format. Data in Brief, 2018, 17, 292-296.	0.5	13
15	Cloud computing in a distributed eâ€infrastructure using the web processing service standard. Concurrency Computation Practice and Experience, 2017, 29, e4219.	1.4	27
16	Species distribution modeling in the cloud. Concurrency Computation Practice and Experience, 2016, 28, 1056-1079.	1.4	27
17	Analysing and forecasting fisheries time series: purse seine in Indian Ocean as a case study. ICES Journal of Marine Science, 2016, 73, 2552-2571.	1.2	17
18	Building a European geothermal information network using a distributed e-Infrastructure. International Journal of Digital Earth, 2016, 9, 499-519.	1.6	4

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19	Estimating absence locations of marine species from data of scientific surveys in OBIS. Ecological Modelling, 2016, 323, 61-76.	1.2	21
20	Automatic classification of climate change effects on marine species distributions in 2050 using the AquaMaps model. Environmental and Ecological Statistics, 2016, 23, 155-180.	1.9	14
21	Parallelizing the execution of native data mining algorithms for computational biology. Concurrency Computation Practice and Experience, 2015, 27, 4630-4644.	1.4	28
22	Supporting biodiversity studies with the EUBrazilOpenBio Hybrid Data Infrastructure. Concurrency Computation Practice and Experience, 2015, 27, 376-394.	1.4	15
23	Retrieving taxa names from large biodiversity data collections using a flexible matching workflow. Ecological Informatics, 2015, 28, 29-41.	2.3	14
24	Classifying degrees of species commonness: North Sea fish as a case study. Ecological Modelling, 2015, 312, 272-280.	1.2	10
25	An infrastructure-oriented approach for supporting biodiversity research. Ecological Informatics, 2015, 26, 162-172.	2.3	16
26	Improving data quality to build a robust distribution model for Architeuthis dux. Ecological Modelling, 2015, 305, 29-39.	1.2	21
27	Science 2.0 Repositories: Time for a Change in Scholarly Communication. D-Lib Magazine, 2015, 21, .	0.5	16
28	Repositories for Open Science: The SciRepo Reference Model. Communications in Computer and Information Science, 2015, , 298-311.	0.4	0
29	The D-NET software toolkit. Data Technologies and Applications, 2014, 48, 322-354.	0.8	17
30	Comparing heterogeneous distribution maps for marine species. GIScience and Remote Sensing, 2014, 51, 593-611.	2.4	10
31	Realising Virtual Research Environments by Hybrid Data Infrastructures: the D4Science Experience. , 2014, , .		10
32	Combining simulated expert knowledge with Neural Networks to produce Ecological Niche Models for Latimeria chalumnae. Ecological Modelling, 2013, 268, 55-63.	1.2	16
33	Deriving fishing monthly effort and caught species from vessel trajectories. , 2013, , .		8
34	Data Interoperability. Data Science Journal, 2013, 12, GRDI19-GRDI25.	0.6	17
35	Virtual Research Environments: An Overview and a Research Agenda. Data Science Journal, 2013, 12, GRDI75-GRDI81.	0.6	72
36	Infrastructure-Based Research Digital Libraries. Advances in Library and Information Science, 2013, , 1-17.	0.2	2

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37	Supporting Tabular Data Characterization in a Large Scale Data Infrastructure by Lexical Matching Techniques. Communications in Computer and Information Science, 2013, , 21-32.	0.4	1
38	Automatic Procedures to Assist in Manual Review of Marine Species Distribution Maps. Lecture Notes in Computer Science, 2013, , 346-355.	1.0	2
39	The D4Science Approach toward Grid Resource Sharing: The Species Occurrence Maps Generation Case. , 2011, , 225-238.		2
40	History, Evolution, and Impact of Digital Libraries. , 2011, , 1-30.		15
41	An Approach to Virtual Research Environment User Interfaces Dynamic Construction. Lecture Notes in Computer Science, 2011, , 101-109.	1.0	3
42	Second workshop on very large digital libraries. SIGMOD Record, 2010, 38, 46-48.	0.7	3
43	Realizing and Maintaining Aggregative Digital Library Systems: D-NET Software Toolkit and OAIster System. D-Lib Magazine, 2010, 16, .	0.5	15
44	An Event-Centric Provenance Model for Digital Libraries. Communications in Computer and Information Science, 2010, , 79-88.	0.4	0
45	First workshop on very large digital libraries -- VLDL 2008. SIGMOD Record, 2009, 37, 115-117.	0.7	1
46	Onâ€demand virtual research environments and the changing roles of librarians. Library Hi Tech, 2009, 27, 239-251.	3.7	14
47	OpenDLib. , 2009, , 1-7.		0
48	Second Workshop on Very Large Digital Libraries 2009. D-Lib Magazine, 2009, 15, .	0.5	1
49	DILIGENT: integrating digital library and Grid technologies for a new Earth observation research infrastructure. International Journal on Digital Libraries, 2007, 7, 59-80.	1.1	26
50	A Grid-Based Infrastructure for Distributed Retrieval. Lecture Notes in Computer Science, 2007, , 161-173.	1.0	8
51	A Reference Architecture for Digital Library Systems: Principles and Applications. , 2007, , 22-35.		3
52	OpenDLibG: Extending OpenDLib by Exploiting a gLite Grid Infrastructure. Lecture Notes in Computer Science, 2006, , 1-13.	1.0	2
53	Moving Digital Library Service Systems to the Grid. Lecture Notes in Computer Science, 2005, , 236-259.	1.0	7
54	From Heterogeneous Information Spaces to Virtual Documents. Lecture Notes in Computer Science, 2005, , 11-22.	1.0	7

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55	Enhancing the OpenDLib Search Service. Lecture Notes in Computer Science, 2004, , 353-365.	1.0	1
56	OpenDLib: an infrastructure for new generation digital libraries. International Journal on Digital Libraries, 2004, 4, 45-47.	1.1	3
57	A Service for Supporting Virtual Views of Large Heterogeneous Digital Libraries. Lecture Notes in Computer Science, 2003, , 362-373.	1.0	7
58	Foundations of a Multidimensional Query Language for Digital Libraries. Lecture Notes in Computer Science, 2002, , 251-265.	1.0	5
59	OpenDLib: A Digital Library Service System. Lecture Notes in Computer Science, 2002, , 292-308.	1.0	38
60	Developing a European Technical Reference Digital Library. Lecture Notes in Computer Science, 1999, , 343-362.	1.0	6
61	The ERCIM Technical Reference Digital Library. D-Lib Magazine, 1999, 5, .	0.5	1
62	A system for building expandable digital libraries. , 0, , .		9
63	History, Evolution, and Impact of Digital Libraries. , 0, , 837-866.		1