Maurizio Marchese

List of Publications by Year
in descending order

58 papers	1,031 citations	516681 16 h-index	454934 30 g-index
60 all docs	60 docs citations	60 times ranked	921 citing authors

#	Article	IF	Citations
1	An ant colony optimization method for generalized TSP problem. Progress in Natural Science: Materials International, 2008, 18, 1417-1422.	4.4	183
2	Text Clustering with Seeds Affinity Propagation. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 627-637.	5.7	84
3	Modeling of particles impacting on a rigid substrate under plasma spraying conditions. Journal of Thermal Spray Technology, 1995, 4, 41-49.	3.1	66
4	Isotope effect of vacancy diffusion in b.c.c. Î±-Fe. Philosophical Magazine Letters, 1988, 57, 25-30.	1.2	52
5	Alternatives to Peer Review: Novel Approaches for Research Evaluation. Frontiers in Computational Neuroscience, 2011, 5, 56.	2.1	45
6	Thermomechanical Simulation of the Splashing of Ceramic Droplets on a Rigid Substrate. Journal of Computational Physics, 1997, 133, 205-221.	3.8	43
7	Crowdsourcing Processes: A Survey of Approaches and Opportunities. IEEE Internet Computing, 2016, 20, 50-56.	3.3	38
8	A modified particle swarm optimization-based dynamic recurrent neural network for identifying and controlling nonlinear systems. Computers and Structures, 2007, 85, 1611-1622.	4.4	37
9	Tools Enabling Online Contributions by Older Adults. IEEE Internet Computing, 2016, 20, 58-65.	3.3	37
10	A Systematic Literature Review of Research-Derived Touchscreen Design Guidelines for Older Adults. IEEE Access, 2019, 7, 22035-22058.	4.2	37
11	On peer review in computer science: analysis of its effectiveness and suggestions for improvement. Scientometrics, 2013, 97, 317-356.	3.0	28
12	Modeling the deposition process of thermal barrier coatings. Journal of Thermal Spray Technology, 1995, 4, 34-40.	3.1	26
13	An evaluation of ontology matching in geo-service applications. GeoInformatica, 2012, 16, 31-66.	2.7	24
14	Keyphrases Extraction from Scientific Documents: Improving Machine Learning Approaches with Natural Language Processing. Lecture Notes in Computer Science, 2010, , 102-111.	1.3	21
15	Computer simulation of plasma-sprayed coatings II. Effective bulk properties and thermal stress calculations. Surface and Coatings Technology, 1991, 48, 147-154.	4.8	19
16	â€˜I do not share it with others. No, itâ€™s for me, itâ€™s my careâ€™: On sharing of patient accessible electronic health records. Health Informatics Journal, 2020, 26, 2554-2567.	2.1	19
17	Encoding Classifications into Lightweight Ontologies. Lecture Notes in Computer Science, 2006, , 80-94.	1.3	19
18	Information Design in An Aged Care Context. , 2019, , .		18

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19	Modelling the production and performance analysis of plasma-sprayed ceramic thermal barrier coatings. Archives of Computational Methods in Engineering, 1998, 5, 59-166.	10.2	17
20	Addressing Information Overload in the Scientific Community. IEEE Internet Computing, 2010, 14, 31-38.	3.3	17
21	Theory of classical diffusion jumps in solids. II. Isotope effect and first-order anharmonic terms. Physical Review B, 1987, 36, 3086-3094.	3.2	14
22	Dispersion of surface phonons in a xenon monolayer physisorbed on the graphite basal plane. Surface Science, 1984, 145, 364-370.	1.9	13
23	Jump rate of the fcc vacancy in the short-memoryâ€"augmented-rate-theory approximation. II. Dynamical conversion coefficient and isotope-effect factor. Physical Review B, 1987, 36, 9469-9481.	3.2	13
24	Jump dynamics and the isotope effect in solid-state diffusion. Physical Review Letters, 1986, 57, 3280-3283.	7.8	11
25	ResEval mash. , 2012, , .		10
26	Unsupervised key-phrases extraction from scientific papers using domain and linguistic knowledge. , 2008, , .		9
27	ReLauncher. , 2016, , .		9
28	Towards a Mathematical Foundation for Service-Oriented Applications Design. Journal of Software, 2006, 1, .	0.6	9
29	Full Text Clustering and Relationship Network Analysis of Biomedical Publications. PLoS ONE, 2014, 9, e108847.	2.5	8
30	On the Systematic Development of Domain-Specific Mashup Tools for End Users. Lecture Notes in Computer Science, 2012, , 291-298.	1.3	7
31	Dispersion of surface phonons in xenon overlayers physisorbed on the Ag(111) surface. Physical Review B, 1985, 32, 4261-4263.	3.2	6
32	EXPLORING AND UNDERSTANDING CITATION-BASED SCIENTIFIC METRICS. International Journal of Modeling, Simulation, and Scientific Computing, 2010, 13, 59-81.	1.4	6
33	Feature space learning model. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2029-2040.	4.9	6
34	Data Preprocessing in SVM-Based Keywords Extraction from Scientific Documents. , 2009, , .		5
35	Liquid journals. , 2010, , .		5
36	LS-SVR-based solving Volterra integral equations. Applied Mathematics and Computation, 2012, 218, 11404-11409.	2.2	5

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37	A Lightweight Formal Framework for Service-Oriented Applications Design. Lecture Notes in Computer Science, 2005, , 545-551.	1.3	4
38	ScienceTreks: an autonomous digital library system. Online Information Review, 2008, 32, 488-499.	3.2	4
39	An interaction-centric approach to support peer coordination in distributed emergency response management1. Intelligent Decision Technologies, 2009, 3, 19-34.	0.9	4
40	Design Considerations to Support Nursing Homes' Communities. , 2017, , .		4
41	A Real-time Heuristic-based Unsupervised Method for Name Disambiguation in Digital Libraries. D-Lib Magazine, 2013, 19, .	0.5	4
42	Global mass dependence of the isotope effect in diffusion. Physical Review B, 1988, 38, 12200-12207.	3.2	3
43	Universal Resource Lifecycle Management. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	3
44	Developing domain-specific mashup tools for end users. , 2012, , .		3
45	Gelee: Cooperative Lifecycle Management for (Composite) Artifacts. Lecture Notes in Computer Science, 2009, , 645-646.	1.3	3
46	Open Knowledge. Lecture Notes in Computer Science, 2008, , 1-18.	1.3	3
47	Exploring and Understanding Scientific Metrics in Citation Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 1550-1563.	0.3	3
48	Toward effective tasks navigation in crowdsourcing. , 2014, , .		2
49	Designing Interactive Systems to Mediate Communication Between Formal and Informal Caregivers in Aged Care. IEEE Access, 2019, 7, 171173-171194.	4.2	2
50	Social Spreadsheet. Lecture Notes in Computer Science, 2013, , 156-170.	1.3	2
51	Text Categorization Method Based on Improved Mutual Information and Characteristic Weights Evaluation Algorithms. , 2007, , .		1
52	A Feature Space Learning Model Based on Semi-Supervised Clustering. , 2017, , .		1
53	Knowledge Spaces. Lecture Notes in Computer Science, 2011, , 361-362.	1.3	1
54	BPM Supported Privacy by Design for Cross-Organization Business Processes. Lecture Notes in Computer Science, 2015, , 71-83.	1.3	1

#	Article	IF	Citations
55	Designing Healthcare Systems with an Emphasis on Relational Quality and Peace of Mind. Lecture Notes in Computer Science, 2018, , 234-242.	1.3	1
56	Assessing Quality Dynamics in Unsupervised Metadata Extraction for Digital Libraries. Lecture Notes in Computer Science, 2007, , 454-457.	1.3	1
57	Integration and Warehousing of Social Metadata for Search and Assessment of Scientific Knowledge. Lecture Notes in Computer Science, 2011, , 75-83.	1.3	0
58	Sharing Scientific Knowledge with Knowledge Spaces. Lecture Notes in Computer Science, 2011, , 308-311.	1.3	0