

Pierfrancesco Bellini

List of Publications by Year in descending order

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82
papers

1,669
citations

759233

12
h-index

330143

37
g-index

83
all docs

83
docs citations

83
times ranked

2133
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi Clustering Recommendation System for Fashion Retail. Multimedia Tools and Applications, 2023, 82, 9989-10016.	3.9	12
2	High level control of chemical plant by industry 4.0 solutions. Journal of Industrial Information Integration, 2022, 26, 100276.	6.4	18
3	IoT-Enabled Smart Cities: A Review of Concepts, Frameworks and Key Technologies. Applied Sciences (Switzerland), 2022, 12, 1607.	2.5	129
4	An IoE and Big Multimedia Data Approach for Urban Transport System Resilience Management in Smart Cities. Sensors, 2021, 21, 435.	3.8	29
5	Computing 15MinCityIndexes on the Basis of Open Data and Services. Lecture Notes in Computer Science, 2021, , 565-579.	1.3	2
6	Long Term Predictions of NO2 Average Values via Deep Learning. Lecture Notes in Computer Science, 2021, , 595-610.	1.3	2
7	A Deep Learning Approach for Short Term Prediction of Industrial Plant Working Status. , 2021, , .		1
8	Exploiting Satellite Data in the Context of Smart City Applications. , 2021, , .		1
9	Automating IoT Data Ingestion Enabling Visual Representation. Sensors, 2021, 21, 8429.	3.8	4
10	Anomaly Detection on IOT Data for Smart City. , 2020, , .		6
11	Smart City IoT Platform Respecting GDPR Privacy and Security Aspects. IEEE Access, 2020, 8, 23601-23623.	4.2	91
12	Industry 4.0 Synoptics Controlled by IoT Applications in Node-RED. , 2020, , .		6
13	Federation of Smart City Services via APIs. , 2020, , .		4
14	Sii-Mobility: An IoT/IoE Architecture to Enhance Smart City Mobility and Transportation Services. Sensors, 2019, 19, 1.	3.8	695
15	Data Flow Management and Visual Analytic for Big Data Smart City/IOT. , 2019, , .		11
16	Privacy and Security Aspects on a Smart City IoT Platform. , 2019, , .		5
17	MicroServices Suite for Smart City Applications. Sensors, 2019, 19, 4798.	3.8	26
18	Analyzing Public Transportation Offer wrt Mobility Demand. , 2019, , .		1

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19	Performance assessment of RDF graph databases for smart city services. Journal of Visual Languages and Computing, 2018, 45, 24-38.	1.8	28
20	Managing cloud via Smart Cloud Engine and Knowledge Base. Future Generation Computer Systems, 2018, 78, 142-154.	7.5	7
21	Protection and composition of crossmedia content in collaborative environments. Multimedia Tools and Applications, 2018, 77, 2083-2114.	3.9	3
22	Real-Time Traffic Estimation of Unmonitored Roads. , 2018, , .		8
23	Knowledge Modeling and Management for Mobility and Transport Applications. , 2018, , .		2
24	Snap4City: A Scalable IOT/IOE Platform for Developing Smart City Applications. , 2018, , .		27
25	WiP: Traffic Flow Reconstruction from Scattered Data. , 2018, , .		7
26	Smart City Architecture for Data Ingestion and Analytics: Processes and Solutions. , 2018, , .		24
27	Research Notes: Smart City Control Room Dashboards: Big Data Infrastructure, from data to decision support. Journal of Visual Languages and Sentient Systems, 2018, 4, 75-82.	1.5	10
28	Wi-Fi based city usersâ€™ behaviour analysis for smart city. Journal of Visual Languages and Computing, 2017, 42, 31-45.	1.8	21
29	Cloud Knowledge Modeling and Management. , 2016, , 640-651.		9
30	Rights enforcement and licensing understanding for RDF stores aggregating open and private data sets. , 2016, , .		3
31	ICARO Cloud Simulator exploiting knowledge base. Simulation Modelling Practice and Theory, 2016, 62, 1-13.	3.8	4
32	A Smart Decision Support System for Smart City. , 2015, , .		22
33	Smart Cloud Engine and Solution Based on Knowledge Base. Procedia Computer Science, 2015, 68, 3-16.	2.0	10
34	IPR Centered Institutional Service and Tools for Content and Metadata Management. International Journal of Software Engineering and Knowledge Engineering, 2015, 25, 1237-1270.	0.8	5
35	Benchmarking RDF Stores for Smart City Services. , 2015, , .		2
36	MyStoryPlayer: experiencing multiple audiovisual content for education and training. Multimedia Tools and Applications, 2015, 74, 8219-8259.	3.9	4

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37	Graph databases methodology and tool supporting index/store versioning. Journal of Visual Languages and Computing, 2015, 31, 222-229.	1.8	11
38	A Knowledge Base Driven Solution for Smart Cloud Management. , 2015, , .		12
39	Modeling performing arts metadata and relationships in content service for institutions. Multimedia Systems, 2015, 21, 427-449.	4.7	12
40	Linked open graph: Browsing multiple SPARQL entry points to build your own LOD views. Journal of Visual Languages and Computing, 2014, 25, 703-716.	1.8	29
41	Knowledge Base Construction Process for Smart-City Services. , 2014, , .		5
42	Km4City ontology building vs data harvesting and cleaning for smart-city services. Journal of Visual Languages and Computing, 2014, 25, 827-839.	1.8	121
43	Maintenance and emergency management with an integrated indoor/outdoor navigation support. Journal of Visual Languages and Computing, 2014, 25, 637-649.	1.8	6
44	Exploiting P2P scalability for grant authorization in digital rights management solutions. Multimedia Tools and Applications, 2014, 72, 1611-1637.	3.9	7
45	Optimization of information retrieval for cross media contents in a best practice network. International Journal of Multimedia Information Retrieval, 2014, 3, 147-159.	5.2	4
46	IPR management models for cultural heritage on ECLAP Best Practice Network. , 2013, , .		1
47	A Workflow Model and Architecture for Content and Metadata Management Based on Grid Computing. Lecture Notes in Computer Science, 2013, , 118-127.	1.3	1
48	A Linked Open Data Service for Performing Arts. Lecture Notes in Computer Science, 2013, , 13-25.	1.3	3
49	A New Generation Digital Content Service for Cultural Heritage Institutions. Lecture Notes in Computer Science, 2013, , 26-38.	1.3	2
50	Tassonomy and Review of Big Data Solutions Navigation. , 2013, , 57-101.		11
51	Mobile Emergency, an Emergency Support System for Hospitals in Mobile Devices: Pilot Study. JMIR Research Protocols, 2013, 2, e19.	1.0	6
52	ASSISTED KNOWLEDGE BASE GENERATION, MANAGEMENT AND COMPETENCE RETRIEVAL. International Journal of Software Engineering and Knowledge Engineering, 2012, 22, 1007-1037.	0.8	7
53	Micro Grids for Scalable Media Computing and Intelligence in Distributed Scenarios. IEEE MultiMedia, 2012, 19, 69-79.	1.7	7
54	Mobile Medicine: semantic computing management for health care applications on desktop and mobile devices. Multimedia Tools and Applications, 2012, 58, 41-79.	3.9	12

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55	Models and Tools for Aggregating and Annotating Content on ECLAP. , 2011, , .		2
56	EXPLOITING INTELLIGENT CONTENT VIA AXMEDIS/MPEG-21 FOR MODELLING AND DISTRIBUTING NEWS. International Journal of Software Engineering and Knowledge Engineering, 2011, 21, 3-32.	0.8	7
57	Expressing and organizing real-time specification patterns via temporal logics. Journal of Systems and Software, 2009, 82, 183-196.	4.5	21
58	Personal Content Management on PDA for Health Care Applications. , 2009, , .		3
59	Intelligent Content Model Based on MPEG-21. , 2008, , .		1
60	Optical Music Recognition. , 2008, , 80-110.		6
61	XML Music Notation Modelling for Multimedia. , 2008, , 26-49.		3
62	MPEG Symbolic Music Representation. , 2008, , 12-25.		2
63	Assessing Optical Music Recognition Tools. Computer Music Journal, 2007, 31, 68-93.	0.1	22
64	P2P Architecture for Automated B2B Cross Media Content Distribution. , 2007, , .		6
65	A Language and Architecture for Automating Multimedia Content Production on Grid. , 2006, , .		6
66	Reply to comments on "An Interval Logic for Real-Time System Specification". IEEE Transactions on Software Engineering, 2006, 32, 428-431.	5.6	2
67	Model and Usage of a Core Module for Axmedis/MPEG-21 Content Manipulation Tools. , 2006, , .		6
68	AXMEDIS architectural solution for interoperable content and DRM on multichannel distribution. , 2006, , 697-704.		0
69	An architecture of automating production of cross media content for multi-channel distribution. , 2005, , .		13
70	A distributed environment for automatic multimedia content production based on GRID. , 2005, , .		14
71	Symbolic Music Representation in MPEG. IEEE MultiMedia, 2005, 12, 42-49.	1.7	8
72	Automatic formatting of music sheets through MILLA rule-based language and engine. Journal of New Music Research, 2005, 34, 237-257.	0.8	1

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73	Automatic justification and line-breaking of music sheets. International Journal of Human Computer Studies, 2004, 61, 104-137.	5.6	1
74	A distributed system for computer vision quality control of clinched boards. Real Time Imaging, 2004, 10, 161-176.	1.6	2
75	Assessment of a Flexible Architecture for Distributed Control*. Programming and Computer Software, 2003, 29, 147-160.	0.9	1
76	Multimedia music sharing among mediateques: Archives and distribution to their attendees. Applied Artificial Intelligence, 2003, 17, 773-795.	3.2	11
77	Verification of external specifications of reactive systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2000, 30, 692-709.	2.9	5
78	Managing music in orchestras. Computer, 1999, 32, 26-34.	1.1	19
79	Execution and synchronisation of music score pages and real performance audios. , 0, , .		1
80	A proposal for the integration of symbolic music notation into multimedia frameworks. , 0, , .		2
81	AXMEDIS Tool Core for MPEG-21 Authoring/Playing. , 0, , .		6
82	An Off-Line Optical Music Sheet Recognition. , 0, , 40-77.		1