

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	Sii-Mobility: An IoT/loE Architecture to Enhance Smart City Mobility and Transportation Services. Sensors, 2019, 19, 1.	3.8	695
2	IoT-Enabled Smart Cities: A Review of Concepts, Frameworks and Key Technologies. Applied Sciences (Switzerland), 2022, 12, 1607.	2.5	129
3	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
4	Smart City IoT Platform Respecting GDPR Privacy and Security Aspects. IEEE Access, 2020, 8, 23601-23623.	4.2	91
5	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
6	An loE and Big Multimedia Data Approach for Urban Transport System Resilience Management in Smart Cities. Sensors, 2021, 21, 435.	3.8	29
7	Performance assessment of RDF graph databases for smart city services. Journal of Visual Languages and Computing, 2018, 45, 24-38.	1.8	28
8	Snap4City: A Scalable IOT/IOE Platform for Developing Smart City Applications. , 2018, , .		27
9	MicroServices Suite for Smart City Applications. Sensors, 2019, 19, 4798.	3.8	26
10	Smart City Architecture for Data Ingestion and Analytics: Processes and Solutions. , 2018, , .		24
11	Assessing Optical Music Recognition Tools. Computer Music Journal, 2007, 31, 68-93.	0.1	22
12	A Smart Decision Support System for Smart City. , 2015, , .		22
13	Expressing and organizing real-time specification patterns via temporal logics. Journal of Systems and Software, 2009, 82, 183-196.	4.5	21
14	Wi-Fi based city usersâ€™ behaviour analysis for smart city. Journal of Visual Languages and Computing, 2017, 42, 31-45.	1.8	21
15	Managing music in orchestras. Computer, 1999, 32, 26-34.	1.1	19
16	High level control of chemical plant by industry 4.0 solutions. Journal of Industrial Information Integration, 2022, 26, 100276.	6.4	18
17	A distributed environment for automatic multimedia content production based on GRID. , 2005, , .		14
18	An architecture of automating production of cross media content for multi-channel distribution. , 2005, , .		13

#	ARTICLE	IF	CITATIONS
19	Mobile Medicine: semantic computing management for health care applications on desktop and mobile devices. <i>Multimedia Tools and Applications</i> , 2012, 58, 41-79.	3.9	12
20	A Knowledge Base Driven Solution for Smart Cloud Management. , 2015, , .		12
21	Modeling performing arts metadata and relationships in content service for institutions. <i>Multimedia Systems</i> , 2015, 21, 427-449.	4.7	12
22	Multi Clustering Recommendation System for Fashion Retail. <i>Multimedia Tools and Applications</i> , 2023, 82, 9989-10016.	3.9	12
23	Multimedia music sharing among mediateques: Archives and distribution to their attendees. <i>Applied Artificial Intelligence</i> , 2003, 17, 773-795.	3.2	11
24	Graph databases methodology and tool supporting index/store versioning. <i>Journal of Visual Languages and Computing</i> , 2015, 31, 222-229.	1.8	11
25	Data Flow Management and Visual Analytic for Big Data Smart City/IOT. , 2019, , .		11
26	Tassonomy and Review of Big Data Solutions Navigation. , 2013, , 57-101.		11
27	Smart Cloud Engine and Solution Based on Knowledge Base. <i>Procedia Computer Science</i> , 2015, 68, 3-16.	2.0	10
28	Research Notes: Smart City Control Room Dashboards: Big Data Infrastructure, from data to decision support. <i>Journal of Visual Languages and Sentient Systems</i> , 2018, 4, 75-82.	1.5	10
29	Cloud Knowledge Modeling and Management. , 2016, , 640-651.		9
30	Symbolic Music Representation in MPEG. <i>IEEE MultiMedia</i> , 2005, 12, 42-49.	1.7	8
31	Real-Time Traffic Estimation of Unmonitored Roads. , 2018, , .		8
32	EXPLOITING INTELLIGENT CONTENT VIA AXMEDIS/MPEG-21 FOR MODELLING AND DISTRIBUTING NEWS. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2011, 21, 3-32.	0.8	7
33	ASSISTED KNOWLEDGE BASE GENERATION, MANAGEMENT AND COMPETENCE RETRIEVAL. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2012, 22, 1007-1037.	0.8	7
34	Micro Grids for Scalable Media Computing and Intelligence in Distributed Scenarios. <i>IEEE MultiMedia</i> , 2012, 19, 69-79.	1.7	7
35	Exploiting P2P scalability for grant authorization in digital rights management solutions. <i>Multimedia Tools and Applications</i> , 2014, 72, 1611-1637.	3.9	7
36	Managing cloud via Smart Cloud Engine and Knowledge Base. <i>Future Generation Computer Systems</i> , 2018, 78, 142-154.	7.5	7

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37	WiP: Traffic Flow Reconstruction from Scattered Data. , 2018, , .		7
38	AXMEDIS Tool Core for MPEG-21 Authoring/Playing. , 0, , .		6
39	A Language and Architecture for Automating Multimedia Content Production on Grid. , 2006, , .		6
40	Model and Usage of a Core Module for Axmedis/MPEG-21 Content Manipulation Tools. , 2006, , .		6
41	P2P Architecture for Automated B2B Cross Media Content Distribution. , 2007, , .		6
42	Maintenance and emergency management with an integrated indoor/outdoor navigation support. Journal of Visual Languages and Computing, 2014, 25, 637-649.	1.8	6
43	Anomaly Detection on IOT Data for Smart City. , 2020, , .		6
44	Industry 4.0 Synoptics Controlled by IoT Applications in Node-RED. , 2020, , .		6
45	Mobile Emergency, an Emergency Support System for Hospitals in Mobile Devices: Pilot Study. JMIR Research Protocols, 2013, 2, e19.	1.0	6
46	Optical Music Recognition. , 2008, , 80-110.		6
47	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
48	Knowledge Base Construction Process for Smart-City Services. , 2014, , .		5
49	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
50	Privacy and Security Aspects on a Smart City IoT Platform. , 2019, , .		5
51	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
52	MyStoryPlayer: experiencing multiple audiovisual content for education and training. Multimedia Tools and Applications, 2015, 74, 8219-8259.	3.9	4
53	ICARO Cloud Simulator exploiting knowledge base. Simulation Modelling Practice and Theory, 2016, 62, 1-13.	3.8	4
54	Federation of Smart City Services via APIs. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
55	Automating IoT Data Ingestion Enabling Visual Representation. <i>Sensors</i> , 2021, 21, 8429.	3.8	4
56	Personal Content Management on PDA for Health Care Applications. , 2009, , .		3
57	Rights enforcement and licensing understanding for RDF stores aggregating open and private data sets. , 2016, , .		3
58	Protection and composition of crossmedia content in collaborative environments. <i>Multimedia Tools and Applications</i> , 2018, 77, 2083-2114.	3.9	3
59	A Linked Open Data Service for Performing Arts. <i>Lecture Notes in Computer Science</i> , 2013, , 13-25.	1.3	3
60	XML Music Notation Modelling for Multimedia. , 2008, , 26-49.		3
61	A proposal for the integration of symbolic music notation into multimedia frameworks. , 0, , .		2
62	A distributed system for computer vision quality control of clinched boards. <i>Real Time Imaging</i> , 2004, 10, 161-176.	1.6	2
63	Reply to comments on "An Interval Logic for Real-Time System Specification". <i>IEEE Transactions on Software Engineering</i> , 2006, 32, 428-431.	5.6	2
64	Models and Tools for Aggregating and Annotating Content on ECLAP. , 2011, , .		2
65	Benchmarking RDF Stores for Smart City Services. , 2015, , .		2
66	Knowledge Modeling and Management for Mobility and Transport Applications. , 2018, , .		2
67	Computing 15MinCityIndexes on the Basis of Open Data and Services. <i>Lecture Notes in Computer Science</i> , 2021, , 565-579.	1.3	2
68	Long Term Predictions of NO2 Average Values via Deep Learning. <i>Lecture Notes in Computer Science</i> , 2021, , 595-610.	1.3	2
69	A New Generation Digital Content Service for Cultural Heritage Institutions. <i>Lecture Notes in Computer Science</i> , 2013, , 26-38.	1.3	2
70	MPEG Symbolic Music Representation. , 2008, , 12-25.		2
71	Execution and synchronisation of music score pages and real performance audios. , 0, , .		1
72	Assessment of a Flexible Architecture for Distributed Control*. <i>Programming and Computer Software</i> , 2003, 29, 147-160.	0.9	1

#	ARTICLE	IF	CITATIONS
73	Automatic justification and line-breaking of music sheets. International Journal of Human Computer Studies, 2004, 61, 104-137.	5.6	1
74	Automatic formatting of music sheets through MILLA rule-based language and engine. Journal of New Music Research, 2005, 34, 237-257.	0.8	1
75	Intelligent Content Model Based on MPEG-21. , 2008, , .		1
76	IPR management models for cultural heritage on ECLAP Best Practice Network. , 2013, , .		1
77	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
78	An Off-Line Optical Music Sheet Recognition. , 0, , 40-77.		1
79	A Deep Learning Approach for Short Term Prediction of Industrial Plant Working Status. , 2021, , .		1
80	Analyzing Public Transportation Offer wrt Mobility Demand. , 2019, , .		1
81	Exploiting Satellite Data in the Context of Smart City Applications. , 2021, , .		1
82	AXMEDIS architectural solution for interoperable content and DRM on multichannel distribution. , 2006, , 697-704.		0