

# Diego LÃ³pez-de-IpiÃ±a

## List of Publications by Year in descending order

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Version: 2024-02-01

218  
papers

2,644  
citations

377584

21  
h-index

325983

40  
g-index

233  
all docs

233  
docs citations

233  
times ranked

2615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Persuasion-based recommender system ensembling matrix factorisation and active learning models. Personal and Ubiquitous Computing, 2024, 28, 247-257.	1.9	2
2	Optimizing Computational Resources for Edge Intelligence Through Model Cascade Strategies. IEEE Internet of Things Journal, 2022, 9, 7404-7417.	5.5	7
3	The Role of IoT Devices in Sustainable Car Expenses in the Context of the Intelligent Mobility: A Comparative Approach. Applied Sciences (Switzerland), 2022, 12, 1080.	1.3	1
4	LWP-WL: Link weight prediction based on CNNs and the Weisfeiler-Lehman algorithm. Applied Soft Computing Journal, 2022, 120, 108657.	4.1	4
5	PyFF: A Fog-Based Flexible Architecture for Enabling Privacy-by-Design IoT-Based Communal Smart Environments. Sensors, 2021, 21, 3640.	2.1	5
6	Analyzing Particularities of Sensor Datasets for Supporting Data Understanding and Preparation. Sensors, 2021, 21, 6063.	2.1	2
7	Guest Editorial: Smart Systems and Architectures. Journal of Communications Software and Systems, 2021, 17, 203-204.	0.6	0
8	Demand Forecasting Tool For Inventory Control Smart Systems. Journal of Communications Software and Systems, 2021, 17, 185-196.	0.6	10
9	Social Coin: Blockchain-mediated incentivization of citizens for sustainable collaborative processes. , 2021, , .		4
10	User perspectives in the design of interactive everyday objects for sustainable behaviour. International Journal of Human Computer Studies, 2020, 137, 102393.	3.7	17
11	Internet of Things (IoT): Opportunities, issues and challenges towards a smart and sustainable future. Journal of Cleaner Production, 2020, 274, 122877.	4.6	383
12	Exploring the Application of the FOX Model to Foster Pro-Environmental Behaviours in Smart Environments. Sensors, 2020, 20, 4576.	2.1	1
13	Analysis of Driver's Reaction Behavior Using a Persuasion-Based IT Artefact. Sustainability, 2020, 12, 6857.	1.6	2
14	Lung ultrasound for point-of-care COVID-19 pneumonia stratification: computer-aided diagnostics in a smartphone. First experiences classifying semiology from public datasets. , 2020, , .		4
15	Socio-Economic Effect on ICT-Based Persuasive Interventions Towards Energy Efficiency in Tertiary Buildings. Energies, 2020, 13, 1700.	1.6	4
16	Exploring the computational cost of machine learning at the edge for human-centric Internet of Things. Future Generation Computer Systems, 2020, 112, 670-683.	4.9	22
17	Addressing Behavioural Technologies Through the Human Factor: A Review. IEEE Access, 2020, 8, 52306-52322.	2.6	17
18	Barriers to Widespread the Adoption of Electric Flexibility Markets: A Triangulation Approach. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
19	Lasting and Spillover Effects of Ambient Eco-Feedback in the Office-based Workplace. , 2020, , .		1
20	Using External Knowledge to Improve Zero-Shot Action Recognition in Ego-centric Videos. Lecture Notes in Computer Science, 2020, , 174-185.	1.0	2
21	Blockchain-mediated Collaboration of Citizens in Open Government Processes. , 2020, , .		1
22	Simplicity is Best. , 2019, , .		4
23	Combining Human and Machine Intelligence to Foster Wider Adoption of e-Services. , 2019, , .		1
24	AUDABLOK: Engaging Citizens in Open Data Refinement through Blockchain. Proceedings (mdpi), 2019, 31, .	0.2	3
25	FOX: A Flexible and Heterogeneous Mixed User Model to Address Sustainable Behaviour in Smart Environments. Proceedings (mdpi), 2019, 31, .	0.2	0
26	A Socio-Economic Survey for Understanding Self-Perceived Effectiveness of Persuasive Strategies Towards Energy Efficiency in Tertiary Buildings. , 2019, , .		2
27	How to Enable Delay Tolerant Network Solutions for Internet of Things: From Taxonomy to Open Challenges. Proceedings (mdpi), 2019, 31, .	0.2	9
28	Persuade Me!: A User-Based Recommendation System Approach. , 2019, , .		3
29	Improving the Scalability and Replicability of Embedded Systems Remote Laboratories Through a Cost-Effective Architecture. IEEE Access, 2019, 7, 164164-164185.	2.6	31
30	Toward a Delay Tolerant Internet of Things. , 2019, , .		1
31	New Approach for Conversational Agent Definition by Non-Programmers: A Visual Domain-Specific Language. IEEE Access, 2019, 7, 5262-5276.	2.6	14
32	User Involvement Matters. , 2019, , .		6
33	Message from the IoP 2019 General and Program Chairs. , 2019, , .		0
34	The WebLab-Deusto Remote Laboratory Management System Architecture: Achieving Scalability, Interoperability, and Federation of Remote Experimentation. , 2018, , 17-42.		12
35	Analysis of the Structured Information for Subjectivity Detection in Twitter. Lecture Notes in Computer Science, 2018, , 163-181.	1.0	4
36	Interactive live-streaming technologies and approaches for web-based applications. Multimedia Tools and Applications, 2018, 77, 6471-6502.	2.6	22

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37	Human Computation to Enhance E-Service Consumption among Elderlies. Proceedings (mdpi), 2018, 2, 1221.	0.2	2
38	Enhancing Profile and Context Aware Relevant Food Search through Knowledge Graphs. Proceedings (mdpi), 2018, 2, .	0.2	5
39	Multifunctional Interactive Furniture for Smart Cities. Proceedings (mdpi), 2018, 2, .	0.2	11
40	Design-insights for Devising Persuasive IoT Devices for Sustainability in the Workplace. , 2018, , .		1
41	Context, intelligence and interactions for personalized systems. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 1557-1559.	3.3	1
42	A Human-Centric & Context-Aware IoT Framework for Enhancing Energy Efficiency in Buildings of Public Use. IEEE Access, 2018, 6, 31444-31456.	2.6	31
43	Citizenpedia. , 2018, , .		0
44	Overcrowding detection in indoor events using scalable technologies. Personal and Ubiquitous Computing, 2017, 21, 507-519.	1.9	6
45	Ubiquitous Intelligence and computing for enabling a smarter world. Personal and Ubiquitous Computing, 2017, 21, 407-409.	1.9	4
46	Towards New Multiplatform Hybrid Online Laboratory Models. IEEE Transactions on Learning Technologies, 2017, 10, 318-330.	2.2	41
47	GreenSoul: An IoT Platform for Empowering Usersâ€™ Energy Efficiency in Public Buildings. Lecture Notes in Computer Science, 2017, , 703-714.	1.0	2
48	MASSHA: An agent-based approach for human activity simulation in intelligent environments. Pervasive and Mobile Computing, 2017, 40, 279-300.	2.1	16
49	An Open and Scalable Web-Based Interactive Live-Streaming architecture: The WILSP Platform. IEEE Access, 2017, 5, 9842-9856.	2.6	13
50	Citizen-centric data services for smarter cities. Future Generation Computer Systems, 2017, 76, 234-247.	4.9	95
51	Towards Citizen Co-Created Public Service Apps. Sensors, 2017, 17, 1265.	2.1	17
52	Citizenpedia: A human computation framework for the e-government domain. , 2017, , .		0
53	Collaboration-Centred Cities through Urban Apps Based on Open and User-Generated Data. Sensors, 2016, 16, 1022.	2.1	13
54	GreenSoulâˆ— a novel platform for the reduction of energy consumption in communal and shared spaces. , 2016, , .		3

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55	A Platform for Overcrowding Detection in Indoor Events Using Scalable Technologies. , 2016, , .		0
56	Embedding intelligent eco-aware systems within everyday things to increase peopleâ€™s energy awareness. Soft Computing, 2016, 20, 1695-1711.	2.1	8
57	Exploring LOD through metadata extraction and data-driven visualizations. Data Technologies and Applications, 2016, 50, 270-287.	0.8	10
58	An Approach to Subjectivity Detection on Twitter Using the Structured Information. Lecture Notes in Computer Science, 2016, , 121-130.	1.0	9
59	Promotion of active ageing combining sensor and social network data. Journal of Biomedical Informatics, 2016, 64, 108-115.	2.5	18
60	Making social networks a means to save energy. Journal of Network and Computer Applications, 2016, 59, 237-246.	5.8	2
61	Improving the Sentiment Analysis Process of Spanish Tweets with BM25. Lecture Notes in Computer Science, 2016, , 285-291.	1.0	5
62	Towards Citizen Co-created Public Service Apps. Lecture Notes in Computer Science, 2016, , 469-481.	1.0	3
63	Internet of Things, Linked Data, and Citizen Participation as Enablers of Smarter Cities. International Journal of Distributed Sensor Networks, 2016, 12, 2595847.	1.3	2
64	'Close the Loop'. , 2015, , .		14
65	Archimedes remote lab for secondary schools. , 2015, , .		4
66	Archimedes remote lab. , 2015, , .		1
67	A Novel Software Architecture for the Provision of Context-Aware Semantic Transport Information. Sensors, 2015, 15, 12299-12322.	2.1	4
68	Real-Time Personalized Monitoring to Estimate Occupational Heat Stress in Ambient Assisted Working. Sensors, 2015, 15, 16956-16980.	2.1	28
69	The AppComposer Web application for school teachers: A platform for translating and adapting educational web applications. , 2015, , .		1
70	Security analysis and resource requirements of group-oriented user access control for hardware-constrained wireless network services. Logic Journal of the IGPL, 2015, , jzv045.	1.3	2
71	Collaboration-Centred Cities Through Urban Apps Based on Open and User-Generated Data. Lecture Notes in Computer Science, 2015, , 193-204.	1.0	1
72	Extending knowledge-driven activity models through data-driven learning techniques. Expert Systems With Applications, 2015, 42, 3115-3128.	4.4	67

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73	wCloud: Automatic generation of WebLab-Deusto deployments in the Cloud. , 2015, , .		4
74	Combining Users™ Activity Survey and Simulators to Evaluate Human Activity Recognition Systems. Sensors, 2015, 15, 8192-8213.	2.1	11
75	An Extensible Architecture for the Integration of Remote and Virtual Laboratories in Public Learning Tools. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2015, 10, 223-233.	0.7	35
76	Real-Time Statistical Modeling of Blood Sugar. Journal of Medical Systems, 2015, 39, 123.	2.2	15
77	A Knowledge-Driven Tool for Automatic Activity Dataset Annotation. Advances in Intelligent Systems and Computing, 2015, , 593-604.	0.5	3
78	Labman: A Research Information System to Foster Insight Discovery Through Visualizations. Communications in Computer and Information Science, 2015, , 286-297.	0.4	1
79	Resource Classification as the Basis for a Visualization Pipeline in LOD Scenarios. Communications in Computer and Information Science, 2015, , 457-460.	0.4	1
80	Linked Open Data as the Fuel for Smarter Cities. Modeling and Optimization in Science and Technologies, 2015, , 443-472.	0.7	3
81	LTIMAS TENDENCIAS EN EL MODELADO DE ACTIVIDADES HUMANAS. Dyna (Spain), 2015, 90, 356-356.	0.1	0
82	Presentation Accuracy of the Web Revisited: Animation Methods in the HTML5 Era. PLoS ONE, 2014, 9, e109812.	1.1	20
83	Reducing Energy Waste through Eco-Aware Everyday Things. Mobile Information Systems, 2014, 10, 79-103.	0.4	6
84	On the integration of remote laboratories in collaborative social media platforms. , 2014, , .		0
85	Modeling Users, Context and Devices for Ambient Assisted Living Environments. Sensors, 2014, 14, 5354-5391.	2.1	22
86	Integration of Multisensor Hybrid Reasoners to Support Personal Autonomy in the Smart Home. Sensors, 2014, 14, 17313-17330.	2.1	7
87	Linked Spatial Data for Location-Aware Services. Lecture Notes in Computer Science, 2014, , 232-235.	1.0	0
88	User-Aware Location Management of Prosumed Micro-services. Interacting With Computers, 2014, 26, 118-134.	1.0	4
89	Team Up with Eco-aware Everyday Things to Green Your Workplace!. , 2014, , .		0
90	Reusing Web-Enabled Actuators from a Semantic Space-Based Perspective. , 2014, , .		0

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91	Modelling users, context and devices for adaptive user interface systems. International Journal of Pervasive Computing and Communications, 2014, 10, 69-91.	1.1	6
92	To switch off the coffee-maker or not. , 2014, , .		10
93	Codesign-Oriented Platform for Agile Internet of Things Prototype Development. , 2014, , .		2
94	A Sensor-Based Method for Occupational Heat Stress Estimation. Lecture Notes in Computer Science, 2014, , 251-258.	1.0	1
95	Learning routines over long-term sensor data using topic models. Expert Systems, 2014, 31, 365-377.	2.9	13
96	Energy-aware architecture for information search in the semantic web of things. International Journal of Web and Grid Services, 2014, 10, 192.	0.4	2
97	Ontology-Based Model for Supporting Dynamic and Adaptive User Interfaces. International Journal of Human-Computer Interaction, 2014, 30, 771-786.	3.3	17
98	Learning Analytics on federated remote laboratories: Tips and techniques. , 2014, , .		15
99	Generic integration of remote laboratories in public learning tools: Organizational and technical challenges. , 2014, , .		8
100	A Novel Software Architecture for Multimodal Transport Semantic Information Provision Adapted to the User Context. Lecture Notes in Computer Science, 2014, , 29-36.	1.0	0
101	An architecture for automatic service composition in MANET using a distributed service graph. Future Generation Computer Systems, 2014, 34, 176-189.	4.9	5
102	Distributed solutions for ubiquitous computing and ambient intelligence. Future Generation Computer Systems, 2014, 34, 94-96.	4.9	5
103	Towards federated interoperable bridges for sharing educational remote laboratories. Computers in Human Behavior, 2014, 30, 389-395.	5.1	32
104	Towards a microRLMS approach for shared development of remote laboratories. , 2014, , .		6
105	OpenSocial Application Builder and Customizer for School Teachers. , 2014, , .		3
106	Context-Driven Human-Environment Interaction (CdHE Interaction). Interacting With Computers, 2014, 26, 103-104.	1.0	1
107	A review of webapp authoring tools for e-learning. , 2014, , .		4
108	Adapting User Interfaces Based on User Preferences and Habits. , 2014, , .		1

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109	Graphic technologies for virtual, remote and hybrid laboratories: WebLab-FPGA hybrid lab. , 2014, , .		18
110	Otsopack: Lightweight semantic framework for interoperable ambient intelligence applications. Computers in Human Behavior, 2014, 30, 460-467.	5.1	25
111	Extending a User Access Control Proposal for Wireless Network Services with Hierarchical User Credentials. Advances in Intelligent Systems and Computing, 2014, , 601-610.	0.5	1
112	A Hybrid Evaluation Methodology for Human Activity Recognition Systems. Lecture Notes in Computer Science, 2014, , 92-99.	1.0	2
113	ARIIIMA: A Real IoT Implementation of a Machine-Learning Architecture for Reducing Energy Consumption. Lecture Notes in Computer Science, 2014, , 444-451.	1.0	24
114	Measuring Software Timing Errors in the Presentation of Visual Stimuli in Cognitive Neuroscience Experiments. PLoS ONE, 2014, 9, e85108.	1.1	39
115	E-Smart Real-Time Blood Sugar Administration. Lecture Notes in Computer Science, 2014, , 409-412.	1.0	0
116	MODELADO DE ACTIVIDADES HUMANAS. Dyna New Technologies, 2014, 1, [12 p.]-[12 p.].	0.1	0
117	RFID breadcrumbs for enhanced care data management and dissemination. Personal and Ubiquitous Computing, 2013, 17, 1095-1104.	1.9	4
118	Saving Energy through Collaborative Eco-aware Everyday Things. , 2013, , .		3
119	Towards Ambient Assisted Cities and Citizens. , 2013, , .		5
120	Generic integration of remote laboratories in learning and content management systems through federation protocols. , 2013, , .		22
121	Widget and smart devices. A different approach for online learning scenarios. , 2013, , .		1
122	A method for automatic generation of fuzzy membership functions for mobile deviceâ€™s characteristics based on Google Trends. Computers in Human Behavior, 2013, 29, 510-517.	5.1	10
123	WebLab-Deployer: Exporting remote laboratories as SaaS through federation protocols. , 2013, , .		2
124	A Methodology and a Web Platform for the Collaborative Development of Context-Aware Systems. Sensors, 2013, 13, 6032-6053.	2.1	18
125	Semantic Framework for Social Robot Self-Configuration. Sensors, 2013, 13, 7004-7020.	2.1	2
126	Context Management Platform for Tourism Applications. Sensors, 2013, 13, 8060-8078.	2.1	14



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127	Mobile Monitoring and Reasoning Methods to Prevent Cardiovascular Diseases. Sensors, 2013, 13, 6524-6541.	2.1	35
128	Exploring complex remote laboratory ecosystems through interoperable federation chains. , 2013, , .		10
129	Sharing Remote Labs: A Case Study. International Journal of Online and Biomedical Engineering, 2013, 9, 26.	0.9	4
130	A Knowledge Based Framework to Support Active Aging at Home Based Environments. Lecture Notes in Computer Science, 2013, , 1-8.	1.0	4
131	Emergency Event Detection in Twitter Streams Based on Natural Language Processing. Lecture Notes in Computer Science, 2013, , 239-246.	1.0	5
132	Enabling Citizen-Empowered Apps over Linked Data. Lecture Notes in Computer Science, 2013, , 370-373.	1.0	1
133	Analysis of Log File Data to Understand Mobile Service Context and Usage Patterns. International Journal of Interactive Multimedia and Artificial Intelligence, 2013, 2, 15.	1.0	0
134	An Approach to Automatic Generation of Fuzzy Membership Functions Using Popularity Metrics. Communications in Computer and Information Science, 2013, , 528-533.	0.4	0
135	Enabling Flexible and Continuous Capability Invocation in Mobile Prosumer Environments. Sensors, 2012, 12, 8930-8954.	2.1	20
136	Assessing Ambiguity of Context Data in Intelligent Environments: Towards a More Reliable Context Managing System. Sensors, 2012, 12, 4934-4951.	2.1	35
137	Context-Based Tourism Information Filtering with a Semantic Rule Engine. Sensors, 2012, 12, 5273-5289.	2.1	18
138	A Distributed Reasoning Engine Ecosystem for Semantic Context-Management in Smart Environments. Sensors, 2012, 12, 10208-10227.	2.1	14
139	Fighting against Vampire Appliances through Eco-Aware Things. , 2012, , .		11
140	Sharing the remote laboratories among different institutions: A practical case. , 2012, , .		11
141	Assessing Data Dissemination Strategies within Triple Spaces on the Web of Things. , 2012, , .		3
142	Smart Spaces and Smart Objects Interoperability Architecture (S3OiA). , 2012, , .		27
143	RESTful triple spaces of things. , 2012, , .		1
144	Benefits and pitfalls of using HTML5 APIs for online experiments and simulations. , 2012, , .		8

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145	Sharing Laboratories across Different Remote Laboratory Systems. , 2012, , .		13
146	On the measurement of semantic reasoners in Ambient Assisted Living environments. , 2012, , .		3
147	A web platform and a methodology to promote a collaborative development of context-aware systems. , 2012, , .		0
148	Exploring students collaboration in remote laboratory infrastructures. , 2012, , .		6
149	An inference sharing architecture for a more efficient context reasoning. , 2012, , .		0
150	Modelling remote laboratories integrations in e-learning tools through remote laboratories federation protocols. , 2012, , .		10
151	Using LabVIEW remote panel in remote laboratories: Advantages and disadvantages. , 2012, , .		19
152	Foundations for a Platform to Develop Context-aware Systems by Domain Experts. , 2012, , .		0
153	Advanced integration of OpenLabs VISIR (Virtual Instrument Systems in Reality) with Weblab-Deusto. , 2012, , .		9
154	Benefits and Pitfalls of Using HTML5 APIs for Online Experiments and Simulations. International Journal of Online and Biomedical Engineering, 2012, 8, 20.	0.9	1
155	WebLab-Deusto-CPLD: A Practical Experience. International Journal of Online and Biomedical Engineering, 2012, 8, 17.	0.9	2
156	A Parameter-Based Service Discovery Protocol for Mobile Ad-Hoc Networks. Lecture Notes in Computer Science, 2012, , 274-287.	1.0	4
157	Situation-Driven Development: A Methodology for the Development of Context-Aware Systems. Lecture Notes in Computer Science, 2012, , 241-248.	1.0	2
158	Social Network Analysis Applied to Recommendation Systems: Alleviating the Cold-User Problem. Lecture Notes in Computer Science, 2012, , 306-313.	1.0	8
159	LinkedQR: Improving Tourism Experience through Linked Data and QR Codes. Lecture Notes in Computer Science, 2012, , 371-378.	1.0	7
160	Detection and Extracting of Emergency Knowledge from Twitter Streams. Lecture Notes in Computer Science, 2012, , 462-469.	1.0	18
161	TURAMBAR: An Approach to Deal with Uncertainty in Semantic Environments. Lecture Notes in Computer Science, 2012, , 329-337.	1.0	3
162	Resource Recommendation for Intelligent Environments Based on a Multi-aspect Metric. Lecture Notes in Computer Science, 2012, , 298-305.	1.0	0

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163	Semantic Based Self-configuration Approach for Social Robots in Health Care Environments. Lecture Notes in Computer Science, 2012, , 354-361.	1.0	0
164	Benchmarking Results of Semantic Reasoners Applied to an Ambient Assisted Living Environment. Lecture Notes in Computer Science, 2012, , 282-285.	1.0	0
165	Service Composition for Mobile Ad Hoc Networks Using Distributed Matching. Lecture Notes in Computer Science, 2012, , 290-297.	1.0	2
166	Application and user perceptions of using the WebLab-Deusto-PLD in technical education. , 2011, , .		9
167	Collaboration of sensors and actuators through Triple Spaces. , 2011, , .		2
168	Adding New Features to New and Existing Remote Experiments through their Integration in WebLab-Deusto. International Journal of Online and Biomedical Engineering, 2011, 7, 33.	0.9	47
169	Using VISIR: Experiments, Subjects and Students. International Journal of Online and Biomedical Engineering, 2011, 7, 11.	0.9	12
170	On the complementarity of triple spaces and the Web of Things. , 2011, , .		9
171	Theme issue: "ubiquitous computing and ambient intelligence". Personal and Ubiquitous Computing, 2011, 15, 315-316.	1.9	22
172	Imhotep: an approach to user and device conscious mobile applications. Personal and Ubiquitous Computing, 2011, 15, 419-429.	1.9	17
173	BlindShopping: Enabling Accessible Shopping for Visually Impaired People through Mobile Technologies. Lecture Notes in Computer Science, 2011, , 266-270.	1.0	19
174	Application and user perceptions of using the WebLab-Deusto-PLD in technical education. , 2011, , .		12
175	Enabling mobile access to Remote Laboratories. , 2011, , .		18
176	Indoor Navigation and Product Recognition for Blind People Assisted Shopping. Lecture Notes in Computer Science, 2011, , 33-40.	1.0	37
177	ElderCare: An Interactive TV-based Ambient Assisted Living Platform. Atlantis Ambient and Pervasive Intelligence, 2011, , 111-125.	0.2	13
178	TALISMAN+: Intelligent System for Follow-Up and Promotion of Personal Autonomy. Lecture Notes in Computer Science, 2011, , 187-191.	1.0	1
179	Remote Experiments and Online Games: How to Merge them?. International Journal of Engineering Pedagogy, 2011, 1, 31.	0.7	4
180	A Triple Space-Based Semantic Distributed Middleware for Internet of Things. Lecture Notes in Computer Science, 2010, , 447-458.	1.0	10

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181	Digital broadcasting for context-aware services in tourism. , 2010, , .		4
182	LXI Technologies for Remote Labs: An Extension of the VISIR Project. International Journal of Online and Biomedical Engineering, 2010, 6, 25.	0.9	19
183	WEB 2.0 Pharmacy Robots. International Journal of Online and Biomedical Engineering, 2010, 6, 12.	0.9	4
184	Towards an extensible weblab architecture. , 2009, , .		1
185	Addressing Software Impact in the Design of Remote Laboratories. IEEE Transactions on Industrial Electronics, 2009, 56, 4757-4767.	5.2	119
186	An Approach to Dynamic Knowledge Extension and Semantic Reasoning in Highly-Mutable Environments. Advances in Soft Computing, 2009, , 265-273.	0.4	6
187	A Proposal for Mobile Diabetes Self-control: Towards a Patient Monitoring Framework. Lecture Notes in Computer Science, 2009, , 870-877.	1.0	19
188	Enhancing OSGi: Semantic Add-ins for Service Oriented Collaborative Environments. Lecture Notes in Computer Science, 2009, , 261-264.	1.0	0
189	Infrastructural Support for Ambient Assisted Living. Advances in Soft Computing, 2009, , 66-75.	0.4	4
190	Acceptance, usability and usefulness of WebLab-Deusto from students point of view. , 2008, , .		6
191	Mobile Devices and Remote Labs in Engineering Education. , 2008, , .		22
192	A Middleware Platform for Application Configuration, Adaptation and Interoperability. , 2008, , .		7
193	Social Devices: Autonomous Artifacts That Communicate on the Internet. , 2008, , 308-324.		24
194	Enabling NFC Technology for Supporting Chronic Diseases: A Proposal for Alzheimer Caregivers. Lecture Notes in Computer Science, 2008, , 109-125.	1.0	37
195	Dynamic discovery and semantic reasoning for next generation intelligent environments. , 2008, , .		8
196	SoaM: A Webâ€powered Architecture for Designing and Deploying Pervasive Semantic Devices. International Journal of Web Information Systems, 2007, 2, 212-224.	1.3	15
197	REQUIREMENTS OF USEFUL REMOTE LABS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 126-129.	0.4	2
198	A Generic Matching Algorithm for Semantic Discovery. , 2007, , .		1

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199	A Semantic Matching Algorithm for Discovery in UDDI. , 2007, , .		9
200	mRDP: An HTTP-based lightweight semantic discovery protocol. Computer Networks, 2007, 51, 4529-4542.	3.2	13
201	A Web 2.0 Platform to Enable Context-Aware Mobile Mash-Ups. Lecture Notes in Computer Science, 2007, , 266-286.	1.0	8
202	Experience with WebLab-Deusto. , 2006, , .		8
203	Remote Control of Web 2.0-Enabled Laboratories from Mobile Devices. , 2006, , .		5
204	Accessing WebLabs from cellular phones. Industrial Electronics Society (IECON ), Annual Conference of IEEE, 2006, , .	0.0	2
205	SOAM: An Environment Adaptation Model for the Pervasive Semantic Web. Lecture Notes in Computer Science, 2006, , 108-117.	1.0	2
206	A Middleware for the Deployment of Ambient Intelligent Spaces. Lecture Notes in Computer Science, 2006, , 239-255.	1.0	8
207	A platform to build smart spaces controllable from mobile devices. , 2006, , .		0
208	A language for expressing user-context preferences in the web. , 2005, , .		2
209	WebProfiles: a negotiation model for user awareness in personal area networks. , 2005, , .		0
210	Towards a canonical software architecture for multi-device WebLabs. , 2005, , .		8
211	An interaction model for passively influencing the environment. , 2004, , .		7
212	Towards a Clinical Practice Guideline Implementation for Asthma Treatment. Lecture Notes in Computer Science, 2004, , 587-596.	1.0	7
213	TRIP: A Low-Cost Vision-Based Location System for Ubiquitous Computing. Personal and Ubiquitous Computing, 2002, 6, 206-219.	1.9	160
214	LocALE: a location-aware lifecycle environment for ubiquitous computing. , 0, , .		23
215	An Architecture for Sentient GPRS-enabled MicroBots. , 0, , .		3
216	Using geolocation data, POIs and driversâ€™ behavioral information to infer risk profiles in future mobility scenarios. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-15.	1.2	0

#	ARTICLE	IF	CITATIONS
217	The Web as a Platform for e-Research in the Social and Behavioral Sciences. , 0, , 34-61.		0
218	Accessing Remote Laboratories from Mobile Devices. Advances in Mobile and Distance Learning Book Series, 0, , 233-246.	0.4	0