Angel GarcÃ-a-Crespo

List of Publications by Year
in descending order

132 papers	1,671 citations	279798 23 h-index	345221 36 g-index
134 all docs	134 docs citations	134 times ranked	1180 citing authors

#	Article	IF	Citations
1	SPETA: Social pervasive e-Tourism advisor. Telematics and Informatics, 2009, 26, 306-315.	5.8	141
2	Identifying Technical Competences of IT Professionals. International Journal of Human Capital and Information Technology Professionals, 2010, 1, 31-43.	0.6	117
3	SEMO: A Framework for Customer Social Networks Analysis Based on Semantics. Journal of Information Technology, 2010, 25, 178-188.	3.9	85
4	Sem-Fit: A semantic based expert system to provide recommendations in the tourism domain. Expert Systems With Applications, 2011, 38, 13310-13319.	7.6	83
5	CAST: Using neural networks to improve trading systems based on technical analysis by means of the RSI financial indicator. Expert Systems With Applications, 2011, 38, 11489-11500.	7.6	67
6	ODDIN: Ontology-driven differential diagnosis based on logical inference and probabilistic refinements. Expert Systems With Applications, 2010, 37, 2621-2628.	7.6	65
7	The IT Crowd: Are We Stereotypes?. IT Professional, 2008, 10, 24-27.	1.5	46
8	A Qualitative Study of Hard Decision Making in Managing Global Software Development Teams. Information Systems Management, 2010, 27, 247-252.	5.7	45
9	Mentoring programmes: a study of the Spanish software industry. International Journal of Learning and Intellectual Capital, 2009, 6, 293.	0.3	39
10	A case analysis of semantic technologies for R&D intermediation information management. International Journal of Information Management, 2010, 30, 465-469.	17.5	39
11	An expert system development tool for non AI experts. Expert Systems With Applications, 2011, 38, 597-609.	7.6	38
12	Semantic model for knowledge representation in e-business. Knowledge-Based Systems, 2011, 24, 282-296.	7.1	38
13	Social Global Repository: using semantics and social web in software projects. International Journal of Knowledge and Learning, 2008, 4, 452.	0.2	33
14	Conceptual model for semantic representation of industrial manufacturing processes. Computers in Industry, 2010, 61, 595-612.	9.9	32
15	SINVLIO: Using semantics and fuzzy logic to provide individual investment portfolio recommendations. Knowledge-Based Systems, 2012, 27, 103-118.	7.1	32
16	SOLAR: Social Link Advanced Recommendation System. Future Generation Computer Systems, 2010, 26, 374-380.	7.5	30
17	Towards Human Smart Cities: Internet of Things for sensory impaired individuals. Computing (Vienna/New York), 2017, 99, 107-126.	4.8	30
18	Customer Relationship Management in Social and Semantic Web Environments. International Journal of Customer Relationship Marketing and Management, 2010, 1, 1-10.	0.4	29

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19	ReSySTER: A hybrid recommender system for Scrum team roles based on fuzzy and rough sets. International Journal of Applied Mathematics and Computer Science, 2012, 22, 801-816.	1.5	29
20	A Study of Emotions in Requirements Engineering. Communications in Computer and Information Science, 2010, , 1-7.	0.5	28
21	A review of conventional and knowledge based systems for machining price quotation. Journal of Intelligent Manufacturing, 2011, 22, 823-841.	7.3	27
22	PB-ADVISOR: A private banking multi-investment portfolio advisor. Information Sciences, 2012, 206, 63-82.	6.9	27
23	SeDeLo: Using Semantics and Description Logics to Support Aided Clinical Diagnosis. Journal of Medical Systems, 2012, 36, 2471-2481.	3.6	26
24	Software Project Effort Estimation Based on Multiple Parametric Models Generated Through Data Clustering. Journal of Computer Science and Technology, 2007, 22, 371-378.	1.5	24
25	SOFTWARE ENGINEERING JOB PRODUCTIVITY â€" A SYSTEMATIC REVIEW. International Journal of Software Engineering and Knowledge Engineering, 2013, 23, 387-406.	0.8	24
26	ProLink: a semantics-based social network for software projects. International Journal of Information Technology and Management, 2008, 7, 392.	0.1	23
27	Digital libraries and Web 3.0. The CallimachusDL approach. Computers in Human Behavior, 2011, 27, 1424-1430.	8.5	23
28	Dealing with limited data in ballistic impact scenarios: anÂempirical comparison of different neural network approaches. Applied Intelligence, 2011, 35, 89-109.	5.3	22
29	CESARSC: Framework for creating Cultural Entertainment Systems with Augmented Reality in Smart Cities. Computer Science and Information Systems, 2016, 13, 395-425.	1.0	20
30	An optimization methodology for machine learning strategies andÂregression problems in ballistic impact scenarios. Applied Intelligence, 2012, 36, 424-441.	5.3	19
31	SABUMO: Towards a collaborative and semantic framework for knowledge sharing. Expert Systems With Applications, 2012, 39, 8671-8680.	7.6	17
32	Decisions in software development projects management. An exploratory study. Behaviour and Information Technology, 2013, 32, 1077-1085.	4.0	17
33	GEODIM: A Semantic Model-Based System for 3D Recognition of Industrial Scenes. Intelligent Systems Reference Library, 2017, , 137-159.	1.2	17
34	SecurOntology: A semantic web access control framework. Computer Standards and Interfaces, 2011, 33, 42-49.	5.4	16
35	IT Professionalsâ€™ Competences: High School Studentsâ€™ Views. Journal of Information Technology Education:Research, 0, 8, 045-057.	0.0	16
36	BMR: Benchmarking Metrics Recommender for Personnel issues in Software Development Projects. International Journal of Computational Intelligence Systems, 2009, 2, 256.	2.7	15

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37	Trust Building Process for Global Software Development Teams. A review from the Literature. International Journal of Knowledge Society Research, 2010, 1, 65-82.	0.8	15
38	Towards an Ontology to Support Semantics Enabled Diagnostic Decision Support Systems. Current Bioinformatics, 2012, 7, 234-245.	1.5	13
39	Intelligent Architecture for Comparative Analysis of Public Companies Using Semantics and XBRL Data. International Journal of Software Engineering and Knowledge Engineering, 2014, 24, 801-823.	0.8	12
40	Prediction of the response under impact of steel armours using a multilayer perceptron. Neural Computing and Applications, 2007, 16, 147-154.	5.6	11
41	Intelligent Decision-Support Systems for e-Tourism. International Journal of Decision Support System Technology, 2010, 2, 36-48.	0.7	11
42	Team Software Process in GSD Teams. International Journal of Human Capital and Information Technology Professionals, 2010, 1, 32-53.	0.6	11
43	Speech/speaker recognition using a HMM/GMM hybrid model. Lecture Notes in Computer Science, 1997, , 227-234.	1.3	10
44	E-Inclusion for People with Disabilities in E-Government Services through Accessible Multimedia. International Journal of Information Systems and Social Change, 2012, 3, 37-51.	0.1	10
45	A project management methodology for commercial software reengineering. International Journal of Project Organisation and Management, 2009, 1, 253.	0.1	9
46	FAST: Fundamental Analysis Support for Financial Statements. Using semantics for trading recommendations. Information Systems Frontiers, 2012, 14, 999-1017.	6.4	9
47	SemCASS: technical competence assessment within software development teams enabled by semantics. International Journal of Social Humanistic Computing, 2010, 1, 232.	0.3	8
48	The War for Talent. International Journal of Sociotechnology and Knowledge Development, 2010, 2, 26-36.	1.0	8
49	Semantic Annotation Architecture for Accessible Multimedia Resources. IEEE MultiMedia, 2011, 18, 16-25.	1.7	8
50	Software Engineering Productivity. International Journal of Information Technology Project Management, 2011, 2, 37-47.	0.5	8
51	Towards a framework for multiple artificial neural network topologies validation by means of statistics. Expert Systems, 2014, 31, 20-36.	4.5	8
52	Generic Competences for the IT Knowledge Workers: A Study from the Field. Communications in Computer and Information Science, 2010, , 1-7.	0.5	8
53	MAS. , 2009, , .		7
54	S-SoDiA: a semantic enabled social diagnosis advisor. International Journal of Society Systems Science, 2010, 2, 242.	0.1	7

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55	Emotions and interpersonal skills for IT professionals: an exploratory study. International Journal of Technology Enhanced Learning, 2010, 2, 215.	0.7	7
56	BMR: Benchmarking Metrics Recommender for Personnel issues in Software Development Projects. International Journal of Computational Intelligence Systems, 2009, 2, 256-266.	2.7	6
57	Using Support Vector Machines for feature-oriented profile-based recommendations. International Journal of Advanced Intelligence Paradigms, 2009, 1, 418.	0.3	6
58	Automated Diagnosis Through Ontologies and Logical Descriptions. International Journal of Decision Support System Technology, 2011, 3, 21-39.	0.7	6
59	Impact of Firm-Created Content on User-Generated Content: Using a New Social Media Monitoring Tool to Explore Twitter. Developments in Marketing Science: Proceedings of the Academy of Marketing Science, 2016, , 303-306.	0.2	6
60	A Semantically-enhanced Component-based Architecture for Software Composition. , 2006, , .		5
61	SERREA. International Journal of Information Systems in the Service Sector, 2010, 2, 33-47.	0.4	5
62	Accessibility Services and Interactive Digital Television: An Opportunity to Reduce the Digital Gap. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2014, 9, 8-16.	0.9	5
63	Increasing the autonomy of deafblind individuals through direct access to content broadcasted on digital terrestrial television. Assistive Technology, 2020, 32, 268-276.	2.0	5
64	Towards a Framework for Work Package Allocation for GSD. Lecture Notes in Computer Science, 2011, , 200-207.	1.3	5
65	Using Ontologies in Drug Prescription. International Journal of Knowledge-Based Organizations, 2011, 1, 1-15.	0.4	4
66	DISMON. Journal of Information Technology Research, 2011, 4, 48-59.	0.5	4
67	Technology Enhanced Learning for People with Intellectual Disabilities and Cerebral Paralysis: The MAS Platform. Communications in Computer and Information Science, 2010, , 11-17.	0.5	4
68	A neural network--based methodology for the recreation of high-speed impacts on metal armours. Neural Computing and Applications, 2012, 21, 91-107.	5.6	3
69	Methods and Models for Diagnosis and Prognosis in Medical Systems. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-2.	1.3	3
70	Development and feasibility analysis of an assistance system for high school students with dyslexia. Research in Developmental Disabilities, 2021, 111, 103892.	2.2	3
71	SeMatching: Using Semantics to Perform Pair Matching in Mentoring Processes. Lecture Notes in Computer Science, 2009, , 137-146.	1.3	3
72	SOLE: Applying Semantics and Social Web to Support Technology Enhanced Learning in Software Engineering. Communications in Computer and Information Science, 2010, , 639-645.	0.5	3

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73	Evaluation of user response by using visual cues designed to direct the viewer's attention to the main scene in an immersive environment. Multimedia Tools and Applications, 2023, 82, 573-599.	3.9	3
74	SITIO: A Social Semantic Recommendation Platform. , 2007, , .		2
75	Collaborative OpenSocial Network Dataset Based Email Ranking and Filtering. , 2008, , .		2
76	Development of a web-based quotation expert system for machined parts. International Journal of Computer Applications in Technology, 2010, 37, 87.	0.5	2
77	Software Quality Management Improvement through Mentoring: An Exploratory Study from GSD Projects. Lecture Notes in Computer Science, 2011, , 190-199.	1.3	2
78	MESSRS: A model-based 3D system for of recognition, semantic annotation and calculating the spatial relationships of a factory's digital facilities. Computers in Industry, 2016, 82, 40-56.	9.9	2
79	GoCC4All a pervasive technology to provide access to TV to the deafblind community. Assistive Technology, 2021, , 1-9.	2.0	2
80	Identifying Technical Competences of IT Professionals. , 2012, , 1-14.		2
81	A simplification of the theory of neural groups selection for adaptive control. Lecture Notes in Computer Science, 1995, , 946-958.	1.3	2
82	Software Project Managers under the Team Software Process. , 0, , 115-126.		2
83	CUSENT. Advances in Semantic Web and Information Systems Series, 0, , 89-101.	0.0	2
84	EDU-EX: A Tool for Auto-Regulated IntelligentTutoring Systems Development Based on Models. Artificial Intelligence Review, 2002, 18, 15-32.	15.7	1
85	SmartWorld: More than Meets the Eye in Enterprise Application Integration. , 2008, , .		1
86	MAS: building an educational platform for people with intellectual disabilities and cerebral paralysis. International Journal of Knowledge and Learning, 2010, 6, 175.	0.2	1
87	CoKIM: Collaborative and Social Knowledge-Based Incident Manager. , 2012, , .		1
88	Full accessibilty system for people with sensorial disability. , 2016, , .		1
89	Comprende: A Digital Media Library for All. , 2019, , .		1
90	Multilayer Perceptron Training Optimization for High Speed Impacts Classification. Lecture Notes in Electrical Engineering, 2009, , 377-388.	0.4	1

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91	Team Software Process in GSD Teams. , 2012, , 154-176.		1
92	The War for Talent. , 0, , 1-12.		1
93	Public Information Services for People with Disabilities. , 2011, , 121-136.		1
94	Mobile Devices, a Complement to Television. Case Studies. Communications in Computer and Information Science, 2018, , 3-14.	0.5	1
95	DAD: A COLLABORATIVE PLATFORM TO ENCOURAGE LEARNING THROUGH CREATIVITY AND DIALOGUE. , 2018, , .		1
96	Search in the Eye of the Beholder: Using the Personal Social Dataset and Ontology-guided Input to Improve Web Search Efficiency. , 2007, , .		0
97	EsaCake: A Semantic Software Environment for Sharing Software Projects Knowledge Based on the ESA Software Methodology. , 2008, , .		0
98	Teaching the semantic web: can semantics do the trick?. International Journal of Teaching and Case Studies, 2008, 1, 267.	0.1	0
99	Itâ€™s Not Only about Technology, Itâ€™s about People: Interpersonal skills as a Part of the IT Education. Communications in Computer and Information Science, 2009, , 226-233.	0.5	0
100	Morphological and statistical analysis of biomaterials with applications in tissue engineering by means of microscopy image processing. IEEE Latin America Transactions, 2011, 9, 399-407.	1.6	0
101	A social web platform based on semantics to share exam questions: the SOLE approach. International Journal of Technology Enhanced Learning, 2011, 3, 255.	0.7	0
102	Designing an ontology to support the creation of diagnostic decision support system. , 2011, , .		0
103	Collaborative System to Improve Literacy and Integration of Visually Impaired Children in the Classroom. , 2019, , .		0
104	CoolWikNews. , 2008, , 69-83.		0
105	Balanced Scorecard Concepts, Technology, and Applications. , 2008, , 46-52.		0
106	Concepts, Technology, and Applications in E-Mentoring. , 2009, , 166-171.		0
107	Visual Fatigue in Three-Dimensional Subtitle Projections. , 2010, , .		0
108	Present, Past and Future of IT Careers, a Review. Advances in Human Resources Management and Organizational Development Book Series, 2011, , 218-243.	0.3	0

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109	SERREA. , 2012, , 120-134.		0
110	Customer Relationship Management in Social and Semantic Web Environments. , 2012, , 83-92.		0
111	Towards an Improved Hotel Reservation System. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2012, , 120-148.	0.2	0
112	Public Information Services for People with Disabilities. , 2012, , 594-609.		0
113	Intelligent Decision-Support Systems for e-Tourism. , 2012, , 37-50.		0
114	LoTour. , 2012, , 15-24.		0
115	IM-TAG: Informal Mentoring Improved by Means of Social Web Contents Tagging. Communications in Computer and Information Science, 2013, , 162-168.	0.5	0
116	Is the Software Worker Competent? A View from Spain. Communications in Computer and Information Science, 2013, , 261-270.	0.5	0
117	Exploding Web 3.0 and Web 2.0 for Sales Processes Definition. , 2013, , 940-958.		0
118	Trust Building Process for Global Software Development Teams. , 2014, , 864-882.		0
119	Towards Visually Impaired Autonomy in Smart Cities. Advances in Human and Social Aspects of Technology Book Series, 2017, , 341-365.	0.3	0
120	UNIVERSAL DESIGN MEDIA: A NEW APPROACH TO USE CLOSED CAPTION AND DESCRIPTION IN TEACHING READING SKILLS TO HISPANIC STUDENTS WITH SENSORY DISABILITIES. , 2018, , .		0
121	Identifying Competences in IT Professionals through Semantics. , 0, , 88-99.		0
122	Detection of Strategies in IT Organizations through an Integrated IT Compliance Model. , 0, , 260-279.		0
123	Using Ontologies in Drug Prescription. Advances in Business Information Systems and Analytics Book Series, 0, , 247-261.	0.4	0
124	Software Engineering Productivity. , 0, , 69-79.		0
125	DISMON. , 0, , 48-59.		0
126	Automated Diagnosis through Ontologies and Logical Descriptions. , 0, , 117-134.		0

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127	Personnel Performance Management in IT eSourcing Environments. , 0, , 202-219.		0
128	Exploding Web 3.0 and Web 2.0 for Sales Processes Definition. Advances in Electronic Commerce Series, 0, , 212-230.	0.3	0
129	Locating Doctors using Social and Semantic Web Technologies. , 0, , 94-106.		0
130	CallimachusDL: Using Semantics to Enhance Search and Retrieval in a Digital Library. Lecture Notes in Computer Science, 2008, , 540-548.	1.3	0
131	Software Engineering 2.0: A Social Global Repository Based on Semantic Annotation and Social Web for Knowledge Management. Communications in Computer and Information Science, 2008, , 468-475.	0.5	0
132	DISMON. , 0, , 995-1007.		0