Salvador Sanchez-Alonso

List of Publications by Year
in descending order

102 papers	1,647 citations	394286 19 h-index	360920 35 g-index
107 all docs	107 docs citations	107 times ranked	1448 citing authors

#	Article	IF	Citations
1	Evaluating content quality and helpfulness of online product reviews: The interplay of review helpfulness vs. review content. Electronic Commerce Research and Applications, 2012, 11, 205-217.	2.5	402
2	The use of e-learning course management systems to support learning strategies and to improve self-regulated learning. Educational Research Review, 2007, 2, 64-74.	4.1	107
3	Interlinking educational resources and the web of data. Data Technologies and Applications, 2013, 47, 60-91.	0.8	63
4	Evaluating collaborative filtering recommendations inside large learning object repositories. Information Processing and Management, 2013, 49, 34-50.	5.4	57
5	Community Curation in Open Dataset Repositories: Insights from Zenodo. Procedia Computer Science, 2017, 106, 54-60.	1.2	41
6	Statistical profiles of highly-rated learning objects. Computers and Education, 2011, 57, 1255-1269.	5.1	40
7	Computing with competencies: Modelling organizational capacities. Expert Systems With Applications, 2012, 39, 12310-12318.	4.4	36
8	A usability study of taxonomy visualisation user interfaces in digital repositories. Online Information Review, 2014, 38, 284-304.	2.2	30
9	Integration of metacognitive skills in the design of learning objects. Computers in Human Behavior, 2007, 23, 2585-2595.	5.1	29
10	Metadata quality in learning object repositories: a case study. Electronic Library, 2014, 32, 62-82.	0.8	29
11	Traceability for Trustworthy AI: A Review of Models and Tools. Big Data and Cognitive Computing, 2021, 5, 20.	2.9	28
12	Comparing impact factors from two different citation databases: The case of Computer Science. Journal of Informetrics, 2011, 5, 698-704.	1.4	26
13	Evaluating hotels rating prediction based on sentiment analysis services. Aslib Journal of Information Management, 2015, 67, 392-407.	1.3	26
14	Academicsâ€™ Perceptions on Quality in Higher Education Shaping Key Performance Indicators. Sustainability, 2018, 10, 4752.	1.6	26
15	Metrics-based evaluation of learning object reusability. Software Quality Journal, 2011, 19, 121-140.	1.4	25
16	Empirical findings on ontology metrics. Expert Systems With Applications, 2012, 39, 6706-6711.	4.4	25
17	Exploring user-based recommender results in large learning object repositories: the case of MERLOT. Procedia Computer Science, 2010, 1, 2859-2864.	1.2	24
18	Modeling instructional-design theories with ontologies: Using methods to check, generate and search learning designs. Computers in Human Behavior, 2011, 27, 1389-1398.	5.1	24

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19	The influence of external political events on social networks: the case of the Brexit Twitter Network. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 4363-4375.	3.3	22
20	Knowledge representation issues in ontology-based clinical Knowledge Management systems. International Journal of Technology Management, 2009, 47, 191.	0.2	20
21	Ranking Learning Objects through Integration of Different Quality Indicators. IEEE Transactions on Learning Technologies, 2010, 3, 358-363.	2.2	20
22	Making use of upper ontologies to foster interoperability between SKOS concept schemes. Online Information Review, 2006, 30, 263-277.	2.2	19
23	Deploying Metadata on Blockchain Technologies. Communications in Computer and Information Science, 2017, , 38-49.	0.4	19
24	A systematic literature review on Wikidata. Data Technologies and Applications, 2019, 53, 250-268.	0.9	19
25	Visualization of information: a proposal to improve the search and access to digital resources in repositories. Ingenieria E Investigacion, 2014, 34, 83-89.	0.2	18
26	Ontologies of engineering knowledge: general structure and the case of Software Engineering. Knowledge Engineering Review, 2009, 24, 309-326.	2.1	17
27	Analyzing broken links on the web of data: An experiment with DBpedia. Journal of the Association for Information Science and Technology, 2014, 65, 1721-1727.	1.5	17
28	Semantic learning object repositories. International Journal of Continuing Engineering Education and Life-Long Learning, 2007, 17, 432.	0.1	16
29	Architecture of the Organic.Edunet Web Portal. International Journal of Web Portals, 2009, 1, 71-91.	1.1	15
30	Engineering the Ontology for the SWEBOK: Issues and Techniques. , 2006, , 103-121.		14
31	Associating Clinical Archetypes Through UMLS Metathesaurus Term Clusters. Journal of Medical Systems, 2012, 36, 1249-1258.	2.2	13
32	An empirical study on the evaluation of interlinking tools on the Web of Data. Journal of Information Science, 2014, 40, 637-648.	2.0	13
33	Influence of learning styles on social structures in online learning environments. British Journal of Educational Technology, 2016, 47, 1065-1082.	3.9	13
34	Concept of expert system for creation of personalized, digital skills learning pathway. Procedia Computer Science, 2019, 159, 2304-2312.	1.2	13
35	Interlinking educational resources to Web of Data through IEEE LOM. Computer Science and Information Systems, 2015, 12, 233-255.	0.7	13
36	Exploring affiliation network models as a collaborative filtering mechanism in e-learning. Interactive Learning Environments, 2011, 19, 317-331.	4.4	12

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37	Towards an integrated learning analytics framework for quality perceptions in higher education: a 3-tier content, process, engagement model for key performance indicators. Behaviour and Information Technology, 2018, 37, 1129-1141.	2.5	12
38	A semantic lifecycle approach to learning object repositories. , 2005, , .		11
39	Empirical assessment of a collaborative filtering algorithm based on OWA operators. International Journal of Intelligent Systems, 2008, 23, 1251-1263.	3.3	11
40	Semantic annotation of video fragments as learning objects: a case study withYouTubevideos and the Gene Ontology. Interactive Learning Environments, 2011, 19, 25-44.	4.4	11
41	Empirical Analysis of Errors on Human-Generated Learning Objects Metadata. Communications in Computer and Information Science, 2009, , 60-70.	0.4	11
42	Analyzing Associations between the Different Ratings Dimensions of the MERLOT Repository. Interdisciplinary Journal of E-Skills and Lifelong Learning, 0, 7, 001-009.	0.0	11
43	Enhancing availability of learning resources on organic agriculture and agroecology. Electronic Library, 2009, 27, 792-813.	0.8	10
44	Social models in open learning object repositories: A simulation approach for sustainable collections. Simulation Modelling Practice and Theory, 2011, 19, 110-120.	2.2	10
45	Social Network-Aware Interfaces as Facilitators of Innovation. Journal of Computer Science and Technology, 2012, 27, 1211-1221.	0.9	10
46	Metadata quality in digital repositories: Empirical results from the crossâ€domain transfer of a quality assurance process. Journal of the Association for Information Science and Technology, 2014, 65, 1202-1216.	1.5	10
47	Digital skills training in Higher Education. , 2018, , .		10
48	Using an AGROVOC-based ontology for the description of learning resources on organic agriculture. , 2009, , 481-492.		10
49	Moving from dataset metadata to semantics in ecological research: a case in translating EML to OWL. Procedia Computer Science, 2011, 4, 1622-1630.	1.2	9
50	A Preliminary Analysis of Software Engineering Metrics-based Criteria for the Evaluation of Learning Objects Reusability. International Journal of Emerging Technologies in Learning, 0, 4, 30.	0.8	9
51	Exploring Structural Prestige in Learning Object Repositories: Some Insights from Examining References in MERLOT. , 2009, , .		8
52	A complex network analysis of the Comprehensive R Archive Network (CRAN) package ecosystem. Journal of Systems and Software, 2020, 170, 110744.	3.3	8
53	Quality Metrics in Learning Objects. , 2009, , 135-141.		8
54	Sharing Linked Open Data over Peer-to-Peer Distributed File Systems: The Case of IPFS. Communications in Computer and Information Science, 2016, , 3-14.	0.4	8

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55	Providing semantic metadata to online learning resources on sustainable agriculture and farming: combining values and technical knowledge. Interactive Learning Environments, 2013, 21, 301-318.	4.4	7
56	A survey on the exchange of linguistic resources. Data Technologies and Applications, 2013, 47, 263-281.	0.8	7
57	A linked and open dataset from a network of learning repositories on organic agriculture. British Journal of Educational Technology, 2017, 48, 71-82.	3.9	7
58	An Exploratory Study of User Perception in Visual Search Interfaces Based on SKOS. Knowledge Organization, 2016, 43, 217-238.	0.1	7
59	Interlinking educational data. , 2013, , .		6
60	Evaluating the degree of domain specificity of terms in large terminologies. Online Information Review, 2015, 39, 326-345.	2.2	6
61	Decentralized Persistent Identifiers: a basic model for immutable handlers. Procedia Computer Science, 2019, 146, 123-130.	1.2	6
62	Open-Source Intelligence Educational Resources: A Visual Perspective Analysis. Applied Sciences (Switzerland), 2020, 10, 7617.	1.3	6
63	Creation of reusable open textbooks: Insights from the C onnexions repository. British Journal of Educational Technology, 2015, 46, 1223-1235.	3.9	5
64	Identifying communities and fan practices in online retrogaming forums. Entertainment Computing, 2021, 38, 100410.	1.8	5
65	Data set requirements for multilingual learning analytics. International Journal of Technology Enhanced Learning, 2012, 4, 47.	0.4	4
66	Linking from Schema.org microdata to the Web of Linked Data: An empirical assessment. Computer Standards and Interfaces, 2016, 45, 90-99.	3.8	4
67	Visual analytics of Europeana digital library for reuse in learning environments. Online Information Review, 2017, 41, 840-859.	2.2	4
68	Agile methods as problem-based learning designs. , 2018, , .		4
69	Predicting Length of Stay Across Hospital Departments. IEEE Access, 2021, 9, 44671-44680.	2.6	4
70	Towards Automated Evaluation of Learning Resources Inside Repositories. , 2014, , 25-46.		4
71	Evolutionary Design of Collaborative Learning Processes through Reflective Petri Nets. , 2008, , .		3
72	Discovering duplicate and related resources using an interlinking approach: The case of educational datasets. Journal of Information Science, 2015, 41, 329-341.	2.0	3

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73	The web of data: Past, present and Â¿future?. , 2016, , .		3
74	Knowledge discovery using SPARQL property path: The case of disease data set. Journal of Information Science, 2019, , 016555151986549.	2.0	3
75	Improving OER descriptions to enhance their availability, reuse, and enrichment. Education and Information Technologies, 0, , 1.	3.5	3
76	Quality in Learning Objects: Evaluating Compliance with Metadata Standards. Communications in Computer and Information Science, 2010, , 342-353.	0.4	3
77	Descriptive Analysis of Learning Object Material Types in MERLOT. Communications in Computer and Information Science, 2010, , 331-341.	0.4	3
78	Design by Contract-Based Selection and Composition of Learning Objects. , 2007, , 179-191.		2
79	The Case for Ontologies in Expressing Decisions in Decentralized Energy Systems. Communications in Computer and Information Science, 2019, , 365-376.	0.4	2
80	Exploring the Development of Endorsed Learning Resources Profiles in the Connexions Repository. Communications in Computer and Information Science, 2011, , 12-21.	0.4	2
81	On the Search for Intrinsic Quality Metrics of Learning Objects. Communications in Computer and Information Science, 2012, , 49-60.	0.4	2
82	Ontologies for Data Science: On Its Application to Data Pipelines. Communications in Computer and Information Science, 2019, , 169-180.	0.4	2
83	Abstraction of linked dataâ€™s world. VisiÃ³n ElectrÃ³nica, 2019, 13, 57-74.	0.1	2
84	Selection and Use of Search Mechanisms in Learning Object Repositories: the Case of Organic.Edunet. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2016, 11, 115-121.	0.7	1
85	Metadata and Quality in Digital Repositories and Libraries from 1995 to 2015: A Literature Analysis and Classification. International Information and Library Review, 2017, 49, 176-186.	0.8	1
86	Changing the Subject: Dynamic Discussion Monitoring in Twitter. Communications in Computer and Information Science, 2019, , 163-174.	0.4	1
87	Ontologies and Contracts in the Automation of Learning Object Management Systems. , 2006, , 216-234.		1
88	An Ontological Representation of Competencies as Codified Knowledge. , 2007, , 169-184.		1
89	On the semantic interoperability of digital archival descriptions. Revista Espanola De Documentacion Cientifica, 2008, 31, .	0.1	1
90	From Concept to Sharing, to Delivery: Modeling a Quality Controlled Lifecycle for Learning Resources within a Federation of Repositories. Communications in Computer and Information Science, 2011, , 287-299.	0.4	1

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91	Querying Streams of Alerts for Knowledge-Based Detection of Long-Lived Network Intrusions. Lecture Notes in Computer Science, 2017, , 186-197.	1.0	1
92	Programming Paradigms for Computational Science: Three Fundamental Models. Lecture Notes in Computer Science, 2019, , 408-420.	1.0	1
93	Social data interoperability in educational repositories and federations. International Journal of Metadata, Semantics and Ontologies, 2013, 8, 169.	0.2	0
94	An approach to measuring and annotating the confidence of Wiktionary translations. Language Resources and Evaluation, 2017, 51, 319-349.	1.8	0
95	Authority-Based Conversation Tracking in Twitter: An Unattended Methodological Approach. Applied Sciences (Switzerland), 2020, 10, 3273.	1.3	0
96	Class and Instance Equivalences in the Web of Linked Data: Distribution and Graph Structure. Communications in Computer and Information Science, 2021, , 13-21.	0.4	0
97	An Ontological Representation of Competencies as Codified Knowledge. , 2009, , 104-117.		0
98	An Automatic Indicator of the Reusability of Learning Objects Based on Metadata That Satisfies Completeness Criteria. Communications in Computer and Information Science, 2010, , 482-488.	0.4	0
99	A Simple Approach towards SKOSification of Digital Repositories. Communications in Computer and Information Science, 2013, , 67-74.	0.4	0
100	Research Objects Interlinking: The Case of Dryad Repository. Communications in Computer and Information Science, 2014, , 14-21.	0.4	0
101	Predicting Patterns in Hospital Admission Data. Advances in Bioinformatics and Biomedical Engineering Book Series, 2018, , 322-336.	0.2	0
102	RAWS & UWAS. , 0, , 122-146.		0