

# Erik Mannens

## List of Publications by Year in descending order

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Version: 2024-02-01

109  
papers

809  
citations

758635

12  
h-index

794141

19  
g-index

116  
all docs

116  
docs citations

116  
times ranked

724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting future state for adaptive clinical pathway management. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103750.	2.5	4
2	A Sustainable Method for Publishing Interoperable Open Data on the Web. <i>Data</i> , 2021, 6, 93.	1.2	3
3	Visual notations for viewing RDF constraints with UnSHACLed. <i>Semantic Web</i> , 2021, , 1-36.	1.1	1
4	Conformance Test Cases for the RDF Mapping Language (RML). <i>Communications in Computer and Information Science</i> , 2019, , 162-173.	0.4	5
5	Raising interoperability among base registries: The evolution of the Linked Base Registry for addresses in Flanders. <i>Web Semantics</i> , 2019, 55, 86-101.	2.2	6
6	Hybrid e-TextBooks as comprehensive interactive learning environments. <i>Interactive Learning Environments</i> , 2018, 26, 486-505.	4.4	12
7	Semantics in the wild. , 2018, , .		4
8	lLastic: Linked Data Generation Workflow and User Interface for iMinds Scholarly Data. <i>Lecture Notes in Computer Science</i> , 2018, , 15-32.	1.0	1
9	“Technology Readiness and Acceptance Model” as a Predictor for the Use Intention of Data Standards in Smart Cities. <i>Media and Communication</i> , 2018, 6, 127-139.	1.1	36
10	Hypermedia-Based Discovery for Source Selection Using Low-Cost Linked Data Interfaces. , 2018, , 502-537.		4
11	Sustainable Linked Data Generation: The Case of DBpedia. <i>Lecture Notes in Computer Science</i> , 2017, , 297-313.	1.0	2
12	Using Rule-Based Reasoning for RDF Validation. <i>Lecture Notes in Computer Science</i> , 2017, , 22-36.	1.0	9
13	Social Semantic Search. <i>International Journal on Semantic Web and Information Systems</i> , 2017, 13, 155-180.	2.2	7
14	Open transport data for maximising reuse in multimodal route planners: a study in Flanders. <i>IET Intelligent Transport Systems</i> , 2017, 11, 397-402.	1.7	5
15	ComSem: Digitization and Semantic Annotation of Comic Books. <i>Lecture Notes in Computer Science</i> , 2017, , 65-70.	1.0	0
16	OSLO. , 2016, , .		11
17	Normalized Semantic Web Distance. <i>Lecture Notes in Computer Science</i> , 2016, , 69-84.	1.0	1
18	State-of-the-Art Assessment on the Implementations of International Core Data Models for Public Administrations. , 2016, , .		1

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19	Information Diffusion and Provenance of Interactions in Twitter. , 2016, , .		5
20	Using Triple Pattern Fragments to Enable Streaming of Top-k Shortest Paths via the Web. Communications in Computer and Information Science, 2016, , 228-240.	0.4	3
21	A Distance-Based Approach for Semantic Dissimilarity in Knowledge Graphs. , 2016, , .		4
22	Towards robust and reliable multimedia analysis through semantic integration of services. Multimedia Tools and Applications, 2016, 75, 14019-14038.	2.6	2
23	Improving OWL RL Reasoning in N3 by Using Specialized Rules. Lecture Notes in Computer Science, 2016, , 93-104.	1.0	5
24	Reconstructing Human-Generated Provenance Through Similarity-Based Clustering. Lecture Notes in Computer Science, 2016, , 191-194.	1.0	2
25	An Ontology to Semantically Declare and Describe Functions. Lecture Notes in Computer Science, 2016, , 46-49.	1.0	21
26	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
27	Effect of Heuristics on Serendipity in Path-Based Storytelling with Linked Data. Lecture Notes in Computer Science, 2016, , 238-251.	1.0	1
28	Machine-interpretable dataset and service descriptions for heterogeneous data access and retrieval. , 2015, , .		9
29	The fallacy of the multi-API culture. Journal of Documentation, 2015, 71, 233-252.	0.9	7
30	Updating SPARQL results in real-time with client-side fragment patching. , 2015, , .		2
31	PREMIS OWL. International Journal on Digital Libraries, 2015, 15, 87-101.	1.1	2
32	Visualizing Collaborations and Online Social Interactions at Scientific Conferences for Scholarly Networking. , 2015, , .		4
33	Reconnecting Digital Publications to the Web using their Spatial Information. , 2015, , .		2
34	TinCan2PROV. , 2015, , .		4
35	Clustering Media Items Stemming from Multiple Social Networks. Computer Journal, 2015, 58, 1861-1875.	1.5	7
36	Modeling Information Diffusion in Social Media as Provenance with W3C PROV. , 2015, , .		18

#	ARTICLE	IF	CITATIONS
37	Query Execution Optimization for Clients of Triple Pattern Fragments. Lecture Notes in Computer Science, 2015, , 302-318.	1.0	15
38	Ontology Reasoning Using Rules in an eHealth Context. Lecture Notes in Computer Science, 2015, , 465-472.	1.0	6
39	Semantics of Notation3 Logic: A Solution forÂImplicit Quantification. Lecture Notes in Computer Science, 2015, , 127-143.	1.0	4
40	Linked Data-enabled Gamification in EPUB 3 for Educational Digital Textbooks. Lecture Notes in Computer Science, 2015, , 587-591.	1.0	2
41	Opportunistic Linked Data Querying Through Approximate Membership Metadata. Lecture Notes in Computer Science, 2015, , 92-110.	1.0	14
42	Substring Filtering for Low-Cost Linked Data Interfaces. Lecture Notes in Computer Science, 2015, , 128-143.	1.0	7
43	Assessing and Refining Mappingsto RDF to Improve Dataset Quality. Lecture Notes in Computer Science, 2015, , 133-149.	1.0	21
44	Semantically Annotating CEUR-WS Workshop Proceedings with RML. Communications in Computer and Information Science, 2015, , 165-176.	0.4	6
45	Merging and Enriching DCAT Feeds to Improve Discoverability of Datasets. Lecture Notes in Computer Science, 2015, , 67-71.	1.0	3
46	Improving Semantic Relatedness in Paths for Storytelling with Linked Data on the Web. Lecture Notes in Computer Science, 2015, , 31-35.	1.0	3
47	Towards Multi-level Provenance Reconstruction of Information Diffusion on Social Media. , 2015, , .		13
48	Interlinking Books with the World: Using the Semantic Web to Create Books as Reliable, Machine-Understandable Information Service Providers. Journal of Electronic Publishing, 2015, 18, .	0.7	0
49	Hybrid Books for Interactive Digital Storytelling: Connecting Story Entities and Emotions to Smart Environments. Lecture Notes in Computer Science, 2015, , 105-116.	1.0	4
50	Mining and Visualizing Usage of Educational Systems Using Linked Data. Communications in Computer and Information Science, 2015, , 17-26.	0.4	0
51	Interactive Comparison of Triple Pattern Fragments Query Approaches. Lecture Notes in Computer Science, 2015, , 165-168.	1.0	0
52	The Case for Electronic Script-Based Collaboration. Smpte Motion Imaging Journal, 2014, 123, 27-33.	0.2	0
53	A digital-first authoring environment for enriched e-books using EPUB 3. Information Services and Use, 2014, 34, 259-268.	0.1	7
54	RDF mapping rules refinements according to data consumers' feedback. , 2014, , .		1

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55	Towards Named-Entity-based Similarity Measures. , 2014, , .		8
56	Quantifying the Interoperability of Open Government Datasets. Computer, 2014, 47, 50-56.	1.2	13
57	Aligning web collaboration tools with research data for scholars. , 2014, , .		4
58	A semantic workflow engine powered by grid reasoning. , 2014, , .		3
59	Visualizing the Information of a Linked Open Data Enabled Research Information System. Procedia Computer Science, 2014, 33, 245-252.	1.2	11
60	Ontology Based Improvement of Opening Hours in E-governments. , 2014, , .		1
61	Experiencing standardized media fragment annotations within HTML5. Multimedia Tools and Applications, 2014, 70, 827-846.	2.6	4
62	Mapping Hierarchical Sources into RDF Using the RML Mapping Language. , 2014, , .		23
63	The Normalized Freebase Distance. Lecture Notes in Computer Science, 2014, , 218-221.	1.0	5
64	Painless URI Dereferencing Using the DataTank. Lecture Notes in Computer Science, 2014, , 304-309.	1.0	6
65	Querying Datasets on the Web with High Availability. Lecture Notes in Computer Science, 2014, , 180-196.	1.0	80
66	Extraction and Semantic Annotation of Workshop Proceedings in HTML Using RML. Communications in Computer and Information Science, 2014, , 114-119.	0.4	9
67	Automatic news recommendations via aggregated profiling. Multimedia Tools and Applications, 2013, 63, 407-425.	2.6	11
68	Easy Access to Provenance: An Essential Step Towards Trust on the Web. , 2013, , .		6
69	Unified Access to Media Metadata on the Web. IEEE MultiMedia, 2013, 20, 22-29.	1.5	4
70	Evaluating the success of vocabulary reconciliation for cultural heritage collections. Journal of the Association for Information Science and Technology, 2013, 64, 464-479.	2.6	17
71	Modeling uncertain provenance and provenance of uncertainty in W3C PROV. , 2013, , .		10
72	Monitoring Learning Activities in PLE Using Semantic Modelling of Learner Behaviour. Lecture Notes in Computer Science, 2013, , 74-90.	1.0	8

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73	Semantic patient information aggregation and medicinal decision support. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 108, 724-735.	2.6	28
74	A semantic approach to cross-disciplinary research collaboration. , 2012, , .		0
75	Automated Trust Estimation in Developing Open News Stories: Combining Memento & Provenance. , 2012, , .		1
76	A URI-based approach for addressing fragments of media resources on the Web. <i>Multimedia Tools and Applications</i> , 2012, 59, 691-715.	2.6	9
77	Enabling context-aware multimedia annotation by a novel generic semantic problem-solving platform. <i>Multimedia Tools and Applications</i> , 2012, 61, 105-129.	2.6	12
78	Semantic Mastering: content adaptation in the creative drama production workflow. <i>Multimedia Tools and Applications</i> , 2012, 59, 307-340.	2.6	8
79	Collaborative recommendations with content-based filters for cultural activities via a scalable event distribution platform. <i>Multimedia Tools and Applications</i> , 2012, 58, 167-213.	2.6	15
80	Unifying and targeting cultural activities via events modelling and profiling. <i>Multimedia Tools and Applications</i> , 2012, 57, 199-236.	2.6	3
81	Implementation strategies for efficient media fragment retrieval. <i>Multimedia Tools and Applications</i> , 2012, 57, 243-267.	2.6	7
82	Automatic Discovery of High-Level Provenance Using Semantic Similarity. <i>Lecture Notes in Computer Science</i> , 2012, , 97-110.	1.0	16
83	A Semantic Approach to Cross-Disciplinary Research Collaboration. <i>International Journal of Emerging Technologies in Learning</i> , 2012, 7, 22.	0.8	3
84	Archives in motion: Concrete steps towards the digital disclosure of audiovisual content. <i>Journal of Cultural Heritage</i> , 2011, 12, 459-465.	1.5	10
85	Making space & time uniformly identifiable in the Web via Media Fragments. , 2011, , .		0
86	HTTP adaptive streaming with Media Fragment URIs. , 2011, , .		3
87	Harmonizing Media Annotations and Media Fragments. , 2011, , .		2
88	Automatic news recommendations via profiling. , 2010, , .		4
89	Format-independent and metadata-driven media resource adaptation using semantic web technologies. <i>Multimedia Systems</i> , 2010, 16, 85-104.	3.0	12
90	NinSuna: a fully integrated platform for format-independent multimedia content adaptation and delivery using Semantic Web technologies. <i>Multimedia Tools and Applications</i> , 2010, 46, 371-398.	2.6	19

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91	InfiniTex: An interactive editing system for the production of large texture data sets. Computers and Graphics, 2010, 34, 643-654.	1.4	2
92	Video in the Web: Technical Challenges and Standardization. IEEE MultiMedia, 2010, 17, 90-93.	1.5	2
93	NinSuna: A server-side W3C media fragments implementation. , 2010, , .		0
94	Implementing the media fragments URI specification. , 2010, , .		8
95	NinSuna: Metadata-Driven Media Delivery. Lecture Notes in Computer Science, 2010, , 225-226.	1.0	0
96	How Metadata Enables Enriched File-Based Production Workflows. Smpte Motion Imaging Journal, 2010, 119, 27-38.	0.2	6
97	Technical criteria &#x0026; business motives for evaluating the mobile DRM landscape. , 2009, , .		0
98	On the implementation of semantic content adaptation in the drama manufacturing process. , 2009, , .		1
99	Personal content management system: A semantic approach. Journal of Visual Communication and Image Representation, 2009, 20, 131-144.	1.7	8
100	Movie script markup language. , 2009, , .		11
101	Enabling universal media experiences through semantic adaptation in the creative drama production workflow. , 2009, , .		1
102	Next generation assisting clinical applications by using semantic-aware electronic health records. , 2009, , .		2
103	Unifying and targeting cultural activities via events modelling and profiling. , 2009, , .		1
104	On How Metadata Enables Enriched File-Based Production Workflows. , 2009, , .		0
105	Production and multi-channel distribution of news. Multimedia Systems, 2008, 14, 359-368.	3.0	6
106	XML to RDF Conversion: A Generic Approach. , 2008, , .		37
107	A framework for RESTful object exchange through schematized XML (unREStRicted). , 2008, , .		0
108	NinSuna: A Format-Independent Multimedia Content Adaptation Platform Based on Semantic Web Technologies. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
109	Challenges as enablers for high quality Linked Data: insights from the Semantic Publishing Challenge. PeerJ Computer Science, 0, 3, e105.	2.7	10