Olivier Dameron

List of Publications by Year
in descending order

37 papers	425 citations	840776 11 h-index	794594 19 g-index
45 all docs	45 docs citations	45 times ranked	862 citing authors

#	Article	IF	Citations
1	Traceability, reproducibility and wiki-exploration for â€œÃ -la-carteâ€•reconstructions of genome-scale metabolic models. PLoS Computational Biology, 2018, 14, e1006146.	3.2	89
2	The genomeâ€•scale metabolic network of <i>Ectocarpus siliculosus</i> (Ecto<scp>GEM</scp>): a resource to study brown algal physiology and beyond. Plant Journal, 2014, 80, 367-381.	5.7	39
3	A unified structural/terminological interoperability framework based on LexEVS: application to TRANSFoRm. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 986-994.	4.4	37
4	Using ontologies linked with geometric models to reason about penetrating injuries. Artificial Intelligence in Medicine, 2006, 37, 167-176.	6.5	30
5	Temporal representation of care trajectories of cancer patients using data from a regional information system: an application in breast cancer. BMC Medical Informatics and Decision Making, 2014, 14, 24.	3.0	28
6	Personalized and automated remote monitoring of atrial fibrillation. Europace, 2016, 18, 347-352.	1.7	26
7	The Longissimus and Semimembranosus Muscles Display Marked Differences in Their Gene Expression Profiles in Pig. PLoS ONE, 2014, 9, e96491.	2.5	18
8	Integration of miRNAâ€•regulatory networks in hepatic stellate cells identifies TIMP3 as a key factor in chronic liver disease. Liver International, 2020, 40, 2021-2033.	3.9	16
9	Review of current telemedicine applications for chronic diseases. Toward a more integrated system?. Irbm, 2015, 36, 133-157.	5.6	14
10	Semantic Particularity Measure for Functional Characterization of Gene Sets Using Gene Ontology. PLoS ONE, 2014, 9, e86525.	2.5	12
11	GO2PUB: Querying PubMed with semantic expansion of gene ontology terms. Journal of Biomedical Semantics, 2012, 3, 7.	1.6	11
12	ATOL: The Multi-species Livestock Trait Ontology. Communications in Computer and Information Science, 2012, , 289-300.	0.5	11
13	Automatic computation of CHA2DS2-VASc score: information extraction from clinical texts for thromboembolism risk assessment. AMIA ... Annual Symposium proceedings, 2011, 2011, 501-10.	0.2	11
14	Measuring the Evolution of Ontology Complexity: The Gene Ontology Case Study. PLoS ONE, 2013, 8, e75993.	2.5	9
15	Ontology for assessment studies of humanâ€"computer-interaction in surgery. Artificial Intelligence in Medicine, 2015, 63, 73-84.	6.5	9
16	Interoperable Infrastructure and Implementation of a Health Data Model for Remote Monitoring of Chronic Diseases with Comorbidities. Irbm, 2018, 39, 151-159.	5.6	7
17	Optimal Threshold Determination for Interpreting Semantic Similarity and Particularity: Application to the Comparison of Gene Sets and Metabolic Pathways Using GO and ChEBI. PLoS ONE, 2015, 10, e0133579.	2.5	7
18	Mapping BFO and DOLCE. Studies in Health Technology and Informatics, 2010, 160, 1065-9.	0.3	7

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19	Verification of parameters semantic compatibility for semi-automatic web service composition. , 2010, , .		5
20	Using semantic dependencies for consistency management of an ontology of brain–cortex anatomy. Artificial Intelligence in Medicine, 2007, 39, 217-225.	6.5	4
21	Achieving High Research Reporting Quality Through the Use of Computational Ontologies. Neuroinformatics, 2010, 8, 261-271.	2.8	4
22	Une procédure d'anonymisation à deux niveaux pour créer un corpus de comptes rendus hospitaliers. Informatique Et Santé, 2009, , 23-34.	0.1	4
23	Converting Alzheimer's Disease Map into a Heavyweight Ontology: A Formal Network to Integrate Data. Lecture Notes in Computer Science, 2019, , 207-215.	1.3	4
24	OWL model of clinical trial eligibility criteria compatible with partially-known information. Journal of Biomedical Semantics, 2013, 4, 17.	1.6	3
25	Formalizing and enriching phenotype signatures using Boolean networks. Journal of Theoretical Biology, 2019, 467, 66-79.	1.7	3
26	A Similarity Measure Based on Care Trajectories as Sequences of Sets. Lecture Notes in Computer Science, 2017, , 278-282.	1.3	3
27	Un langage de référence pour le phénotypage des animaux d'élevage : l'ontologie ATOL. INRA Productions Animales, 2020, 27, 195-208.	0.5	3
28	Increasing Life Science Resources Re-Usability using Semantic Web Technologies. , 2019, , .		2
29	Improving reusability along the data life cycle: a regulatory circuits case study. Journal of Biomedical Semantics, 2022, 13, 11.	1.6	2
30	Système sémantiquement interopérable de sélection semi-automatique des patients éligibles aux essais thérapeutiques en cancérologie. Irbm, 2012, 33, 150-164.	5.6	1
31	Relevance of health level 7 clinical document architecture and integrating the healthcare enterprise cross‐enterprise document sharing profile for managing chronic wounds in a telemedicine context. Healthcare Technology Letters, 2016, 3, 22-26.	3.3	1
32	queryMed: Semantic Web functions for linking pharmacological and medical knowledge to data. Bioinformatics, 2019, 35, 3203-3205.	4.1	1
33	Representing and sharing numeric and symbolic knowledge of brain cortex anatomy using web technology. International Congress Series, 2001, 1230, 372-378.	0.2	0
34	Implementation of atlas-matching capabilities using "web services" technology: Lessons learned from the development of a demonstrator. International Congress Series, 2005, 1281, 266-271.	0.2	0
35	Modeling cardiac rhythm and heart rate using BFO and DOLCE. Nature Precedings, 2009, , .	0.1	0
36	Identifying Functional Families of Trajectories in Biological Pathways by Soft Clustering: Application to TGF- $$\beta$$ Signaling. Lecture Notes in Computer Science, 2017, , 91-107.	1.3	0

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37	Bio-ontologies Tutorial. Lecture Notes in Computer Science, 2008, , 208-208.	1.3	0