

Kristina M Hettne

List of Publications by Year in descending order

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44
papers

1,165
citations

430442

18
h-index

433756

31
g-index

49
all docs

49
docs citations

49
times ranked

2206
citing authors

#	ARTICLE	IF	CITATIONS
1	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , 2020, 2, 10-29.	0.8	149
2	A dictionary to identify small molecules and drugs in free text. <i>Bioinformatics</i> , 2009, 25, 2983-2991.	1.8	116
3	Using a suite of ontologies for preserving workflow-centric research objects. <i>Web Semantics</i> , 2015, 32, 16-42.	2.2	94
4	Why workflows break — Understanding and combating decay in Taverna workflows. , 2012, , .		48
5	Tracking disease progression nonâ€invasively in Duchenne and Becker muscular dystrophies. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 715-726.	2.9	47
6	Transcriptional profiling and biomarker identification reveal tissue specific effects of expanded ataxin-3 in a spinocerebellar ataxia type 3 mouse model. <i>Molecular Neurodegeneration</i> , 2018, 13, 31.	4.4	47
7	Chemical and Biological Profiling of an Annotated Compound Library Directed to the Nuclear Receptor Family. <i>Current Topics in Medicinal Chemistry</i> , 2005, 5, 763-772.	1.0	45
8	Integration of targeted metabolomics and transcriptomics identifies deregulation of phosphatidylcholine metabolism in Huntingtonâ€™s disease peripheral blood samples. <i>Metabolomics</i> , 2016, 12, 137.	1.4	43
9	Automatic mining of the literature to generate new hypotheses for the possible link between periodontitis and atherosclerosis: lipopolysaccharide as a case study. <i>Journal of Clinical Periodontology</i> , 2007, 34, 1016-1024.	2.3	40
10	Automatic vs. manual curation of a multi-source chemical dictionary: the impact on text mining. <i>Journal of Cheminformatics</i> , 2010, 2, 3.	2.8	33
11	Drug prioritization using the semantic properties of a knowledge graph. <i>Scientific Reports</i> , 2019, 9, 6281.	1.6	33
12	Common disease signatures from gene expression analysis in Huntingtonâ€™s disease human blood and brain. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 97.	1.2	32
13	Selective glucocorticoid receptor modulation prevents and reverses non-alcoholic fatty liver disease in male mice. <i>Endocrinology</i> , 2018, 159, 3925-3936.	1.4	27
14	Structuring research methods and data with the research object model: genomics workflows as a case study. <i>Journal of Biomedical Semantics</i> , 2014, 5, 41.	0.9	26
15	Early career researchers want Open Science. <i>Genome Biology</i> , 2017, 18, 221.	3.8	26
16	Recognition of chemical entities: combining dictionary-based and grammar-based approaches. <i>Journal of Cheminformatics</i> , 2015, 7, S10.	2.8	25
17	Crossâ€sectional serum metabolomic study of multiple forms of muscular dystrophy. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2442-2448.	1.6	25
18	Rewriting and suppressing UMLS terms for improved biomedical term identification. <i>Journal of Biomedical Semantics</i> , 2010, 1, 5.	0.9	24

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19	Applied information retrieval and multidisciplinary research: new mechanistic hypotheses in Complex Regional Pain Syndrome. <i>Journal of Biomedical Discovery and Collaboration</i> , 2007, 2, 2.	2.0	23
20	The Implicitome: A Resource for Rationalizing Gene-Disease Associations. <i>PLoS ONE</i> , 2016, 11, e0149621.	1.1	22
21	Literature-aided interpretation of gene expression data with the weighted global test. <i>Briefings in Bioinformatics</i> , 2011, 12, 518-529.	3.2	19
22	Longitudinal metabolomic analysis of plasma enables modeling disease progression in Duchenne muscular dystrophy mouse models. <i>Human Molecular Genetics</i> , 2020, 29, 745-755.	1.4	19
23	Chemical entity recognition in patents by combining dictionary-based and statistical approaches. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw061.	1.4	17
24	Prioritization of novel ADPKD drug candidates from disease-stage specific gene expression profiles. <i>EBioMedicine</i> , 2020, 51, 102585.	2.7	16
25	Peripheral blood transcriptome profiling enables monitoring disease progression in dystrophic mice and patients. <i>EMBO Molecular Medicine</i> , 2021, 13, e13328.	3.3	16
26	Next-generation text-mining mediated generation of chemical response-specific gene sets for interpretation of gene expression data. <i>BMC Medical Genomics</i> , 2013, 6, 2.	0.7	15
27	How to automatically turn patient experience free-text responses into actionable insights: a natural language programming (NLP) approach. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 97.	1.5	15
28	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence. <i>Lecture Notes in Computer Science</i> , 2020, , 138-147.	1.0	15
29	Automated workflow-based exploitation of pathway databases provides new insights into genetic associations of metabolite profiles. <i>BMC Genomics</i> , 2013, 14, 865.	1.2	14
30	Brain Transcriptomic Analysis of Hereditary Cerebral Hemorrhage With Amyloidosis-Dutch Type. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 102.	1.7	13
31	Simultaneous Enrichment Analysis of all Possible Gene-sets: Unifying Self-Contained and Competitive Methods. <i>Briefings in Bioinformatics</i> , 2020, 21, 1302-1312.	3.2	13
32	Nanopublications for exposing experimental data in the life-sciences: a Huntington's Disease case study. <i>Journal of Biomedical Semantics</i> , 2015, 6, 5.	0.9	12
33	Training Multidisciplinary Biomedical Informatics Students: Three Years of Experience. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008, 15, 246-254.	2.2	11
34	Connecting Small Molecules to Nuclear Receptor Pathways. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 1530-1536.	1.0	8
35	Workflow forever. , 2011, , .		6
36	Explain your data by Concept Profile Analysis Web Services. <i>F1000Research</i> , 0, 3, 173.	0.8	5

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37	Multidisciplinary Collaboration to Facilitate Hypotheses Generation in Huntington's Disease. , 2015, , .		3
38	From FAIR Leading Practices to FAIR Implementation and Back: An Inclusive Approach to FAIR at Leiden University Libraries. Data Science Journal, 2020, 19, .	0.6	2
39	Bioinformatics Methods for Interpreting Toxicogenomics Data. , 2014, , 291-304.		1
40	ReprohackNL 2019: how libraries can promote research reproducibility through community engagement. IASSIST Quarterly, 2020, 44, 1-10.	0.1	1
41	Huntington Disease Gene Expression Signatures in Blood Compared to Brain of YAC128 Mice as Candidates for Monitoring of Pathology. Molecular Neurobiology, 2022, 59, 2532-2551.	1.9	1
42	B16â€¦Common disease signatures from gene expression analysis in huntingtonâ€™s disease human blood and brain. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A14.2-A15.	0.9	0
43	Using a Suite of Ontologies for Preserving Workflow-Centric Research Objects. SSRN Electronic Journal, 0, , .	0.4	0
44	A putative role for genome-wide epigenetic regulatory mechanisms in Huntingtonâ€™s disease: A computational assessment. F1000Research, 0, 6, 1888.	0.8	0