

Charles P Schmitt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3902993/publications.pdf>

Version: 2024-02-01

32
papers

1,243
citations

933447

10
h-index

610901

24
g-index

36
all docs

36
docs citations

36
times ranked

2306
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for normalizing histology slides for quantitative analysis. , 2009, , .		644
2	An informatics approach to analyzing the incidentalome. <i>Genetics in Medicine</i> , 2013, 15, 36-44.	2.4	148
3	Informatics and Data Analytics to Support Exposome-Based Discovery for Public Health. <i>Annual Review of Public Health</i> , 2017, 38, 279-294.	17.4	97
4	QSAR Modeling of SARS-CoV-2 Inhibitors Identifies Sufugolix, Cenicriviroc, Proglumetacin, and other Drugs as Candidates for Repurposing against SARS-CoV-2. <i>Molecular Informatics</i> , 2021, 40, e2000113.	2.5	57
5	VisualDecisionLinc: A visual analytics approach for comparative effectiveness-based clinical decision support in psychiatry. <i>Journal of Biomedical Informatics</i> , 2012, 45, 101-106.	4.3	50
6	Functional T Cell Responses to Tumor Antigens in Breast Cancer Patients Have a Distinct Phenotype and Cytokine Signature. <i>Journal of Immunology</i> , 2007, 179, 2627-2633.	0.8	45
7	Learning from history: do not flatten the curve of antiviral research!. <i>Drug Discovery Today</i> , 2020, 25, 1604-1613.	6.4	26
8	Effects of carrageenan and morphine on acute inflammation and pain in Lewis and Fischer rats. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 68-78.	4.1	25
9	Data Standards for Flow Cytometry. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 209-214.	2.0	23
10	Curated Data In "Trustworthy In Silico" Models Out: The Impact of Data Quality on the Reliability of Artificial Intelligence Models as Alternatives to Animal Testing. <i>ATLA Alternatives To Laboratory Animals</i> , 2021, 49, 73-82.	1.0	20
11	InterPred: a webtool to predict chemical autofluorescence and luminescence interference. <i>Nucleic Acids Research</i> , 2020, 48, W586-W590.	14.5	11
12	A Biomedical Knowledge Graph System to Propose Mechanistic Hypotheses for Real-World Environmental Health Observations: Cohort Study and Informatics Application. <i>JMIR Medical Informatics</i> , 2021, 9, e26714.	2.6	10
13	Data Management Practices for Collaborative Research. <i>Frontiers in Psychiatry</i> , 2011, 2, 47.	2.6	9
14	The Secure Medical Research Workspace: An IT Infrastructure to Enable Secure Research on Clinical Data. <i>Clinical and Translational Science</i> , 2013, 6, 222-225.	3.1	8
15	Evaluation of a semi-automated data extraction tool for public health literature-based reviews: Dextr. <i>Environment International</i> , 2022, 159, 107025.	10.0	8
16	A New Framework and Prototype Solution for Clinical Decision Support and Research in Genomics and Other Data-intensive Fields of Medicine. <i>EGEMS (Washington, DC)</i> , 2017, 4, 6.	2.0	7
17	Patient Electronic Health Data-Driven Approach to Clinical Decision Support. <i>Clinical and Translational Science</i> , 2011, 4, 369-371.	3.1	6
18	Catalyzing Knowledge-Driven Discovery in Environmental Health Sciences through a Community-Driven Harmonized Language. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8985.	2.6	6

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19	Visual aids to medical data and computational diagnostics: New frontiers in pediatric neurology. <i>Epilepsy and Behavior</i> , 2013, 28, 258-260.	1.7	5
20	Translator Exposure APIs: Open Access to Data on Airborne Pollutant Exposures, Roadway Exposures, and Socio-Environmental Exposures and Use Case Application. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5243.	2.6	5
21	COVID-19 Knowledge Extractor (COKE): A Curated Repository of Drug-Target Associations Extracted from the COVID-19 Corpus of Scientific Publications on COVID-19. <i>Journal of Chemical Information and Modeling</i> , 2021, , .	5.4	5
22	Questionnaire-based exposome-wide association studies (ExWAS) reveal expected and novel risk factors associated with cardiovascular outcomes in the Personalized Environment and Genes Study. <i>Environmental Research</i> , 2022, 212, 113463.	7.5	5
23	MaPSeq, A Service-Oriented Architecture for Genomics Research within an Academic Biomedical Research Institution. <i>Informatics</i> , 2015, 2, 20-30.	3.9	4
24	Ontology-Based Interactive Visualization of Patient-Generated Research Questions. <i>Applied Clinical Informatics</i> , 2019, 10, 377-386.	1.7	3
25	A semantic similarity based methodology for predicting protein-protein interactions: Evaluation with P53-interacting kinases. <i>Journal of Biomedical Informatics</i> , 2020, 111, 103579.	4.3	3
26	In-Silico Construction of a Protein Interaction Landscape for Nucleotide Excision Repair. <i>Cell Biochemistry and Biophysics</i> , 2009, 53, 101-114.	1.8	2
27	Enabling workflow repeatability with virtualization support. , 2015, , .		2
28	Visual Analytics to Optimize Patient-Population Evidence Delivery for Personalized Care. , 2013, , .		1
29	RADU: Bridging the divide between data and infrastructure management to support data-driven collaborations. , 2016, , .		1
30	Mapping patient treatment profiles and electronic medical records to a clinical guideline for use in patient care. , 2012, , .		0
31	Data-driven approaches to augment clinical decision in EMR Era. , 2012, , .		0
32	Enabling genomic analysis on federated clouds. , 2014, , .		0