

# Tim O F Conrad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5072169/publications.pdf>

Version: 2024-02-01

36  
papers

800  
citations

623574

14  
h-index

526166

27  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum amino acid profiles and their alterations in colorectal cancer. <i>Metabolomics</i> , 2012, 8, 643-653.	1.4	117
2	Serum Peptidome Profiling Revealed Platelet Factor 4 as a Potential Discriminating Peptide Associated with Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 3812-3819.	3.2	101
3	Transfer learning for ECG classification. <i>Scientific Reports</i> , 2021, 11, 5251.	1.6	95
4	Acfs: accurate circRNA identification and quantification from RNA-Seq data. <i>Scientific Reports</i> , 2016, 6, 38820.	1.6	70
5	eIF5A hypusination, boosted by dietary spermidine, protects from premature brain aging and mitochondrial dysfunction. <i>Cell Reports</i> , 2021, 35, 108941.	2.9	56
6	Pancreatic carcinoma, pancreatitis, and healthy controls: metabolite models in a three-class diagnostic dilemma. <i>Metabolomics</i> , 2013, 9, 677-687.	1.4	39
7	Can we distinguish respiratory viral infections based on clinical features? A prospective pediatric cohort compared to systematic literature review. <i>Reviews in Medical Virology</i> , 2018, 28, e1997.	3.9	38
8	Educating parents about the vaccination status of their children: A user-centered mobile application. <i>Preventive Medicine Reports</i> , 2017, 5, 241-250.	0.8	32
9	Human Parechovirus Infections Associated with Seizures and Rash in Infants and Toddlers. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1049-1055.	1.1	29
10	Enabling Precision Medicine With Digital Case Classification at the Point-of-Care. <i>EBioMedicine</i> , 2016, 4, 191-196.	2.7	26
11	Influenza and other respiratory viruses: standardizing disease severity in surveillance and clinical trials. <i>Expert Review of Anti-Infective Therapy</i> , 2017, 15, 545-568.	2.0	26
12	Sparse Proteomics Analysis â€” a compressed sensing-based approach for feature selection and classification of high-dimensional proteomics mass spectrometry data. <i>BMC Bioinformatics</i> , 2017, 18, 160.	1.2	21
13	Combining Phage Display and Next-Generation Sequencing for Materials Sciences: A Case Study on Probing Polypropylene Surfaces. <i>Journal of the American Chemical Society</i> , 2020, 142, 10624-10628.	6.6	21
14	An Inception Cohort Study Assessing the Role of Pneumococcal and other Bacterial Pathogens in Children with Influenza and ILI and a Clinical Decision Model for Stringent Antibiotic Use. <i>Antiviral Therapy</i> , 2016, 21, 413-424.	0.6	15
15	Accuracy of the unified approach in maternally influenced traits - illustrated by a simulation study in the honey bee ( <i>Apis mellifera</i> ). <i>BMC Genetics</i> , 2013, 14, 36.	2.7	14
16	Modularity revisited: A novel dynamics-based concept for decomposing complex networks. <i>Journal of Computational Dynamics</i> , 2014, 1, 191-212.	0.4	14
17	Prediction of Covid-19 spreading and optimal coordination of counter-measures: From microscopic to macroscopic models to Pareto fronts. <i>PLoS ONE</i> , 2021, 16, e0249676.	1.1	13
18	Towards a Personalised Approach to Managing Influenza Infections in Infants and Children â€” Food for Thought and a Note on Oseltamivir. <i>Infectious Disorders - Drug Targets</i> , 2013, 13, 25-33.	0.4	8

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19	Innovative Digital Tools and Surveillance Systems for the Timely Detection of Adverse Events at the Point of Care: A Proof-of-Concept Study. <i>Drug Safety</i> , 2016, 39, 977-988.	1.4	8
20	Finding metastable states in real-world time series with recurrence networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 445, 1-17.	1.2	7
21	Beating the Noise: New Statistical Methods for Detecting Signals in MALDI-TOF Spectra Below Noise Level. <i>Lecture Notes in Computer Science</i> , 2006, , 119-128.	1.0	7
22	Simulating a base population in honey bee for molecular genetic studies. <i>Genetics Selection Evolution</i> , 2012, 44, 14.	1.2	6
23	Reusable building blocks in biological systems. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180595.	1.5	6
24	EMT network-based feature selection improves prognosis prediction in lung adenocarcinoma. <i>PLoS ONE</i> , 2019, 14, e0204186.	1.1	6
25	Surface-enhanced laser desorption/ionization time-of-flight mass spectrometry: serum protein profiling in seminoma patients. <i>World Journal of Urology</i> , 2010, 28, 193-197.	1.2	4
26	Epithelial-Mesenchymal Transition Regulatory Network-Based Feature Selection in Lung Cancer Prognosis Prediction. <i>Lecture Notes in Computer Science</i> , 2016, , 135-146.	1.0	4
27	Learning Chemical Reaction Networks from Trajectory Data. <i>SIAM Journal on Applied Dynamical Systems</i> , 2019, 18, 2000-2046.	0.7	3
28	GraphKKE: graph Kernel Koopman embedding for human microbiome analysis. <i>Applied Network Science</i> , 2020, 5, .	0.8	3
29	Epithelial Mesenchymal Transition Network-Based Feature Engineering in Lung Adenocarcinoma Prognosis Prediction Using Multiple Omic Data. <i>Genomics and Computational Biology</i> , 2017, 3, 57.	0.7	3
30	Inferring Proteolytic Processes from Mass Spectrometry Time Series Data Using Degradation Graphs. <i>PLoS ONE</i> , 2012, 7, e40656.	1.1	2
31	Deep Learning for Proteomics Data for Feature Selection and Classification. <i>Lecture Notes in Computer Science</i> , 2019, , 301-316.	1.0	2
32	Minimum-overlap Clusterings and the Sparsity of Overcomplete Decompositions of Binary Matrices. <i>Procedia Computer Science</i> , 2015, 51, 2967-2971.	1.2	1
33	Linking digital surveillance and in-depth virology to study clinical patterns of viral respiratory infections in vulnerable patient populations. <i>IScience</i> , 2022, 25, 104276.	1.9	1
34	A Convergent Discretization Method for Transition Path Theory for Diffusion Processes. <i>Multiscale Modeling and Simulation</i> , 2021, 19, 242-266.	0.6	0
35	Finding Modules in Networks with Non-modular Regions. <i>Lecture Notes in Computer Science</i> , 2013, , 188-199.	1.0	0
36	Dictionary learning for transcriptomics data reveals type-specific gene modules in a multi-class setting. <i>IT - Information Technology</i> , 2020, 62, 119-134.	0.6	0