

# Stacey N Reinke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2757728/publications.pdf>

Version: 2024-02-01

28  
papers

2,273  
citations

361045

20  
h-index

500791

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

4439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines and considerations for the use of system suitability and quality control samples in mass spectrometry assays applied in untargeted clinical metabolomic studies. <i>Metabolomics</i> , 2018, 14, 72.	1.4	517
2	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1797-1807.	1.5	236
3	Rapid inflammasome activation in microglia contributes to brain disease in HIV/AIDS. <i>Retrovirology</i> , 2014, 11, 35.	0.9	180
4	Metabolomics analysis identifies different metabotypes of asthma severity. <i>European Respiratory Journal</i> , 2017, 49, 1601740.	3.1	143
5	A glycolytic burst drives glucose induction of global histone acetylation by picNuA4 and SAGA. <i>Nucleic Acids Research</i> , 2009, 37, 3969-3980.	6.5	111
6	Development of a Liquid Chromatography-High Resolution Mass Spectrometry Metabolomics Method with High Specificity for Metabolite Identification Using All Ion Fragmentation Acquisition. <i>Analytical Chemistry</i> , 2017, 89, 7933-7942.	3.2	107
7	A comparative evaluation of the generalised predictive ability of eight machine learning algorithms across ten clinical metabolomics data sets for binary classification. <i>Metabolomics</i> , 2019, 15, 150.	1.4	106
8	Ubiquinone-binding Site Mutations in the <i>Saccharomyces cerevisiae</i> Succinate Dehydrogenase Generate Superoxide and Lead to the Accumulation of Succinate. <i>Journal of Biological Chemistry</i> , 2007, 282, 27518-27526.	1.6	94
9	<i>Caenorhabditis elegans</i> diet significantly affects metabolic profile, mitochondrial DNA levels, lifespan and brood size. <i>Molecular Genetics and Metabolism</i> , 2010, 100, 274-282.	0.5	88
10	Metabolomic profiling in multiple sclerosis: insights into biomarkers and pathogenesis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1396-1400.	1.4	80
11	IL-17-high asthma with features of a psoriasis immunophenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1198-1213.	1.5	80
12	Metabolomics analysis identifies sex-associated metabotypes of oxidative stress and the autotaxin-lysoPA axis in COPD. <i>European Respiratory Journal</i> , 2017, 49, 1602322.	3.1	74
13	The application of artificial neural networks in metabolomics: a historical perspective. <i>Metabolomics</i> , 2019, 15, 142.	1.4	66
14	<sup>1</sup> H NMR Derived Metabolomic Profile of Neonatal Asphyxia in Umbilical Cord Serum: Implications for Hypoxic Ischemic Encephalopathy. <i>Journal of Proteome Research</i> , 2013, 12, 4230-4239.	1.8	62
15	Toward collaborative open data science in metabolomics using Jupyter Notebooks and cloud computing. <i>Metabolomics</i> , 2019, 15, 125.	1.4	59
16	Mutations in the <i>Saccharomyces cerevisiae</i> Succinate Dehydrogenase Result in Distinct Metabolic Phenotypes Revealed Through <sup>1</sup> H NMR-Based Metabolic Footprinting. <i>Journal of Proteome Research</i> , 2010, 9, 6729-6739.	1.8	58
17	Migrating from partial least squares discriminant analysis to artificial neural networks: a comparison of functionally equivalent visualisation and feature contribution tools using jupyter notebooks. <i>Metabolomics</i> , 2020, 16, 17.	1.4	35
18	Formate can differentiate between hyperhomocysteinemia due to impaired remethylation and impaired transsulfuration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E61-E67.	1.8	33

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19	Fecal sample collection methods and time of day impact microbiome composition and short chain fatty acid concentrations. <i>Scientific Reports</i> , 2021, 11, 13964.	1.6	30
20	OnPLS-Based Multi-Block Data Integration: A Multivariate Approach to Interrogating Biological Interactions in Asthma. <i>Analytical Chemistry</i> , 2018, 90, 13400-13408.	3.2	27
21	Metagenomic and Metabolomic Characterization of Rabies Encephalitis: New Insights into the Treatment of an Ancient Disease. <i>Journal of Infectious Diseases</i> , 2013, 207, 1451-1456.	1.9	15
22	Lipid mediator profile in vernix caseosa reflects skin barrier development. <i>Scientific Reports</i> , 2015, 5, 15740.	1.6	15
23	Introducing Undergraduate Students to Metabolomics Using Liquid Chromatography-High Resolution Mass Spectrometry Analysis of Horse Blood. <i>Journal of Chemical Education</i> , 2019, 96, 745-750.	1.1	15
24	Expression of <i>Saccharomyces cerevisiae</i> Sdh3p and Sdh4p Paralogs Results in Catalytically Active Succinate Dehydrogenase Isoenzymes. <i>Journal of Biological Chemistry</i> , 2012, 287, 22509-22520.	1.6	13
25	Urinary metabotype of severe asthma evidences decreased carnitine metabolism independent of oral corticosteroid treatment in the U-BIOPRED study. <i>European Respiratory Journal</i> , 2022, 59, 2101733.	3.1	13
26	<sup>1</sup> H NMR-based metabolic profiling reveals inherent biological variation in yeast and nematode model systems. <i>Journal of Biomolecular NMR</i> , 2011, 49, 245-254.	1.6	9
27	Metabolomics in pulmonary medicine: extracting the most from your data. <i>European Respiratory Journal</i> , 2022, 60, 2200102.	3.1	4
28	Moving metabolomics from a data-driven science to an integrative systems science. <i>Genome Medicine</i> , 2012, 4, 85.	3.6	3