

William R Wikoff

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,489
citations

361045

20
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

7876
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomics analysis reveals large effects of gut microflora on mammalian blood metabolites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3698-3703.	3.3	2,198
2	Enrichment of the lung microbiome with oral taxa is associated with lung inflammation of a Th17 phenotype. <i>Nature Microbiology</i> , 2016, 1, 16031.	5.9	436
3	Multiple organic anion transporters contribute to net renal excretion of uric acid. <i>Physiological Genomics</i> , 2008, 33, 180-192.	1.0	203
4	The Refined Structure of a Protein Catenane: The HK97 Bacteriophage Capsid at 3.44 Å... Resolution. <i>Journal of Molecular Biology</i> , 2003, 334, 885-899.	2.0	162
5	Untargeted Metabolomics Identifies Enterobiome Metabolites and Putative Uremic Toxins as Substrates of Organic Anion Transporter 1 (Oat1). <i>Journal of Proteome Research</i> , 2011, 10, 2842-2851.	1.8	158
6	Metabolomics Identifies Perturbations in Human Disorders of Propionate Metabolism. <i>Clinical Chemistry</i> , 2007, 53, 2169-2176.	1.5	148
7	Randomised, double-blind, placebo-controlled trial with azithromycin selects for anti-inflammatory microbial metabolites in the emphysematous lung. <i>Thorax</i> , 2017, 72, 13-22.	2.7	137
8	Maturation Dynamics of a Viral Capsid. <i>Cell</i> , 2000, 100, 253-263.	13.5	136
9	Variability Analysis of Human Plasma and Cerebral Spinal Fluid Reveals Statistical Significance of Changes in Mass Spectrometry-Based Metabolomics Data. <i>Analytical Chemistry</i> , 2009, 81, 8538-8544.	3.2	128
10	Metabolomic analysis of the cerebrospinal fluid reveals changes in phospholipase expression in the CNS of SIV-infected macaques. <i>Journal of Clinical Investigation</i> , 2008, 118, 2661-9.	3.9	125
11	Metabolomics Reveals Amino Acids Contribute to Variation in Response to Simvastatin Treatment. <i>PLoS ONE</i> , 2012, 7, e38386.	1.1	90
12	Diacetylspermine Is a Novel Prediagnostic Serum Biomarker for Non-Small-Cell Lung Cancer and Has Additive Performance With Pro-Surfactant Protein B. <i>Journal of Clinical Oncology</i> , 2015, 33, 3880-3886.	0.8	88
13	Organic Anion Transporter 3 Contributes to the Regulation of Blood Pressure. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1732-1740.	3.0	72
14	Systemic Metabolomic Changes in Blood Samples of Lung Cancer Patients Identified by Gas Chromatography Time-of-Flight Mass Spectrometry. <i>Metabolites</i> , 2015, 5, 192-210.	1.3	69
15	Pharmacometabolomics Reveals Racial Differences in Response to Atenolol Treatment. <i>PLoS ONE</i> , 2013, 8, e57639.	1.1	68
16	Time-resolved molecular dynamics of bacteriophage HK97 capsid maturation interpreted by electron cryo-microscopy and X-ray crystallography. <i>Journal of Structural Biology</i> , 2006, 153, 300-306.	1.3	54
17	Mass Spectrometry Reveals Specific and Global Molecular Transformations during Viral Infection. <i>Journal of Proteome Research</i> , 2006, 5, 2405-2416.	1.8	42
18	Serum phosphatidylethanolamine levels distinguish benign from malignant solitary pulmonary nodules and represent a potential diagnostic biomarker for lung cancer. <i>Cancer Biomarkers</i> , 2016, 16, 609-617.	0.8	42

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19	Response and Recovery in the Plasma Metabolome Tracks the Acute LCMV-Induced Immune Response. <i>Journal of Proteome Research</i> , 2009, 8, 3578-3587.	1.8	32
20	Virus assembly: Imaging a molecular machine. <i>Current Biology</i> , 1999, 9, R296-R300.	1.8	28
21	Crystallization and Preliminary X-Ray Analysis of the dsDNA Bacteriophage HK97 Mature Empty Capsid. <i>Virology</i> , 1998, 243, 113-118.	1.1	21
22	Is a Diabetes Mellitus-Linked Amino Acid Signature Associated With β -Blocker-Induced Impaired Fasting Glucose?. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 199-205.	5.1	21
23	Crystallographic analysis of the dsDNA bacteriophage HK97 mature empty capsid. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 763-771.	2.5	13
24	Hyperosmotic stress in <i>Chlamydomonas</i> induces metabolomic changes in biosynthesis of complex lipids. <i>European Journal of Phycology</i> , 2020, 55, 11-29.	0.9	11
25	Crystallization and preliminary analysis of a dsDNA bacteriophage capsid intermediate: Prohead II of HK97. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 2060-2064.	2.5	4
26	Macromolecular assembly: Chainmail stabilization of a viral capsid. <i>Current Biology</i> , 1998, 8, R914-R917.	1.8	3