

William R Wikoff

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

3,526

citations

20

h-index

26

g-index

26

ext. papers

4,063

ext. citations

8.9

avg, IF

4.67

L-index

#	Paper	IF	Citations
26	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, 3698-703	11.5	1696
25	Enrichment of the lung microbiome with oral taxa is associated with lung inflammation of a Th17 phenotype. <i>Nature Microbiology</i> , 2016 , 1, 16031	26.6	268
24	Multiple organic anion transporters contribute to net renal excretion of uric acid. <i>Physiological Genomics</i> , 2008 , 33, 180-92	3.6	178
23	The refined structure of a protein catenane: the HK97 bacteriophage capsid at 3.44 Å resolution. <i>Journal of Molecular Biology</i> , 2003 , 334, 885-99	6.5	135
22	Metabolomics identifies perturbations in human disorders of propionate metabolism. <i>Clinical Chemistry</i> , 2007 , 53, 2169-76	5.5	134
21	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, 2842-51	5.6	130
20	Maturation dynamics of a viral capsid: visualization of transitional intermediate states. <i>Cell</i> , 2000 , 100, 253-63	56.2	125
19	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	15.9	105
18	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, 8538-44	7.8	104
17	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	7.3	92
16	Metabolomics reveals amino acids contribute to variation in response to simvastatin treatment. <i>PLoS ONE</i> , 2012 , 7, e38386	3.7	76
15	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, 3880-6	2.2	69
14	Organic anion transporter 3 contributes to the regulation of blood pressure. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 1732-40	12.7	65
13	Pharmacometabolomics reveals racial differences in response to atenolol treatment. <i>PLoS ONE</i> , 2013 , 8, e57639	3.7	59
12	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, 300-6	3.4	52
11	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	5.6	51
10	Mass spectrometry reveals specific and global molecular transformations during viral infection. <i>Journal of Proteome Research</i> , 2006 , 5, 2405-16	5.6	39

9	Response and recovery in the plasma metabolome tracks the acute LCMV-induced immune response. <i>Journal of Proteome Research</i> , 2009 , 8, 3578-87	5.6	31
8	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, 609-17	3.8	31
7	Virus assembly: Imaging a molecular machine. <i>Current Biology</i> , 1999 , 9, R296-300	6.3	24
6	Is diabetes mellitus-linked amino acid signature associated with β -blocker-induced impaired fasting glucose?. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 199-205		19
5	Crystallization and preliminary X-ray analysis of the dsDNA bacteriophage HK97 mature empty capsid. <i>Virology</i> , 1998 , 243, 113-8	3.6	17
4	Crystallographic analysis of the dsDNA bacteriophage HK97 mature empty capsid. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999 , 55, 763-71		12
3	Hyperosmotic stress in <i>Chlamydomonas</i> induces metabolomic changes in biosynthesis of complex lipids. <i>European Journal of Phycology</i> , 2020 , 55, 11-29	2.2	7
2	Crystallization and preliminary analysis of a dsDNA bacteriophage capsid intermediate: Prohead II of HK97. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 2060-4		4
1	Macromolecular assembly: chainmail stabilization of a viral capsid. <i>Current Biology</i> , 1998 , 8, R914-7	6.3	3