

# Ted M Lakowski

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

860  
citations

516215

16  
h-index

500791

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1184  
citing authors

#	ARTICLE	IF	CITATIONS
1	The treatment of SARS-CoV2 with antivirals and mitigation of the cytokine storm syndrome: the role of gene expression. <i>Genome</i> , 2021, 64, 400-415.	0.9	0
2	Predicting breast cancer drug response using a multiple-layer cell line drug response network model. <i>BMC Cancer</i> , 2021, 21, 648.	1.1	8
3	SARS-CoV-2 multifaceted interaction with the human host. Part II: Innate immunity response, immunopathology, and epigenetics. <i>IUBMB Life</i> , 2020, 72, 2331-2354.	1.5	29
4	SARS-CoV-2 multifaceted interaction with human host. Part I: What we have learnt and done so far, and the still unknown realities. <i>IUBMB Life</i> , 2020, 72, 2313-2330.	1.5	10
5	Deep graph embedding for prioritizing synergistic anticancer drug combinations. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 427-438.	1.9	64
6	Validation of Cadherin HAV6 Peptide in the Transient Modulation of the Blood-Brain Barrier for the Treatment of Brain Tumors. <i>Pharmaceutics</i> , 2019, 11, 481.	2.0	13
7	Integrative Analysis Reveals Subtype-Specific Regulatory Determinants in Triple Negative Breast Cancer. <i>Cancers</i> , 2019, 11, 507.	1.7	10
8	Evaluation of cefazolin antimicrobial prophylaxis during cardiac surgery with cardiopulmonary bypass. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 768-771.	1.3	14
9	Increased Post-Translational Lysine Acetylation of Myelin Basic Protein Is Associated with Peak Neurological Disability in a Mouse Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis. <i>Journal of Proteome Research</i> , 2018, 17, 55-62.	1.8	14
10	Antimicrobial Prophylaxis for Patients Undergoing Cardiac Surgery: Intraoperative Cefazolin Concentrations and Sternal Wound Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	19
11	Selective DOT1L, LSD1, and HDAC Class I Inhibitors Reduce HOXA9 Expression in MLL-AF9 Rearranged Leukemia Cells, But Dysregulate the Expression of Many Histone-Modifying Enzymes. <i>Journal of Proteome Research</i> , 2018, 17, 2657-2667.	1.8	17
12	Absolute Oral Bioavailability of Creatine Monohydrate in Rats: Debunking a Myth. <i>Pharmaceutics</i> , 2018, 10, 31.	2.0	12
13	Simultaneous quantification of reparixin and paclitaxel in plasma and urine using ultra performance liquid chromatography-tandem mass spectroscopy (UHPLC-MS/MS): Application to a preclinical pharmacokinetic study in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1046, 165-171.	1.2	3
14	PRMT2 interacts with splicing factors and regulates the alternative splicing of <i>BCL-X</i> . <i>Journal of Biochemistry</i> , 2017, 162, mvw102.	0.9	17
15	Pharmacokinetic Analysis of an Oral Multicomponent Joint Dietary Supplement (Phycox®) in Dogs. <i>Pharmaceutics</i> , 2017, 9, 30.	2.0	7
16	Disposition, Metabolism and Histone Deacetylase and Acetyltransferase Inhibition Activity of Tetrahydrocurcumin and Other Curcuminoids. <i>Pharmaceutics</i> , 2017, 9, 45.	2.0	21
17	Experimental Autoimmune Encephalomyelitis (EAE)-Induced Elevated Expression of the E1 Isoform of Methyl CpG Binding Protein 2 (MeCP2E1): Implications in Multiple Sclerosis (MS)-Induced Neurological Disability and Associated Myelin Damage. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1254.	1.8	10
18	Inhibitors of enzymes catalyzing modifications to histone lysine residues: structure, function and activity. <i>Future Medicinal Chemistry</i> , 2016, 8, 879-897.	1.1	13

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19	Quantification of cefazolin in serum and adipose tissue by ultra high performance liquid chromatography-Tandem mass spectrometry (UHPLC-MS/MS): application to a pilot study of obese women undergoing cesarean delivery. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 94-98.	1.2	13
20	Physiologic Changes in the Heart Following Cessation of Mechanical Ventilation in a Porcine Model of Donation After Circulatory Death: Implications for Cardiac Transplantation. <i>American Journal of Transplantation</i> , 2016, 16, 783-793.	2.6	57
21	Transcriptional Regulation of Brain-Derived Neurotrophic Factor (BDNF) by Methyl CpG Binding Protein 2 (MeCP2): a Novel Mechanism for Re-Myelination and/or Myelin Repair Involved in the Treatment of Multiple Sclerosis (MS). <i>Molecular Neurobiology</i> , 2016, 53, 1092-1107.	1.9	61
22	HDAC inhibitors induce global changes in histone lysine and arginine methylation and alter expression of lysine demethylases. <i>Journal of Proteomics</i> , 2016, 133, 125-133.	1.2	20
23	Arginine methylation in yeast proteins during stationary-phase growth and heat shock. <i>Amino Acids</i> , 2015, 47, 2561-2571.	1.2	10
24	Protein Arginine N-Methyltransferase Substrate Preferences for Different N-Substituted Arginyl Peptides. <i>ChemBioChem</i> , 2014, 15, 1607-1613.	1.3	10
25	Enantiospecific Analysis of 8-Prenylnaringenin in Biological Fluids by Liquid-Chromatography-Electrospray Ionization Mass Spectrometry: Application to Preclinical Pharmacokinetic Investigations. <i>Chirality</i> , 2014, 26, 419-426.	1.3	10
26	MS3 fragmentation patterns of monomethylarginine species and the quantification of all methylarginine species in yeast using MRM3. <i>Journal of Proteomics</i> , 2013, 80, 43-54.	1.2	15
27	Analogues of the HIV-Tat peptide containing N <sup>ω</sup> -modified arginines as potent inhibitors of protein arginine N-methyltransferases. <i>MedChemComm</i> , 2012, 3, 1235.	3.5	11
28	A Protein Arginine N-Methyltransferase 1 (PRMT1) and 2 Heteromeric Interaction Increases PRMT1 Enzymatic Activity. <i>Biochemistry</i> , 2011, 50, 8226-8240.	1.2	34
29	Peptidic Partial Bisubstrates as Inhibitors of the Protein Arginine N-Methyltransferases. <i>ChemBioChem</i> , 2011, 12, 1427-1432.	1.3	22
30	Sources of S-adenosyl-L-homocysteine background in measuring protein arginine N-methyltransferase activity using tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 396, 158-160.	1.1	13
31	Approaches to measuring the activities of protein arginine N-methyltransferases. <i>Analytical Biochemistry</i> , 2010, 397, 1-11.	1.1	29
32	Förster resonance energy transfer measurements of cofactor-dependent effects on protein arginine N-methyltransferase homodimerization. <i>Protein Science</i> , 2010, 19, 2141-2151.	3.1	20
33	N <sup>ω</sup> -Substituted Arginyl Peptide Inhibitors of Protein Arginine N-Methyltransferases. <i>ACS Chemical Biology</i> , 2010, 5, 1053-1063.	1.6	34
34	Kinetic analysis of human protein arginine N-methyltransferase 2: formation of monomethyl- and asymmetric dimethyl-arginine residues on histone H4. <i>Biochemical Journal</i> , 2009, 421, 253-261.	1.7	105
35	A Kinetic Study of Human Protein Arginine N-Methyltransferase 6 Reveals a Distributive Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 10015-10025.	1.6	71
36	Peptide Binding by a Fragment of Calmodulin Composed of EF-Hands 2 and 3. <i>Biochemistry</i> , 2007, 46, 8525-8536.	1.2	12

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37	Calcium-induced folding of a fragment of calmodulin composed of EF-hands 2 and 3. Protein Science, 2007, 16, 1119-1132.	3.1	32