

Taylor M Weiskittel

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

460
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying Morphology of Sands Using 3D Imaging. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	2.9	107
2	Lipid Droplets: Formation to Breakdown. <i>Lipids</i> , 2017, 52, 465-475.	1.7	57
3	Metabolic remodelling during early mouse embryo development. <i>Nature Metabolism</i> , 2021, 3, 1372-1384.	11.9	45
4	Online, Absolute Quantitation of Propranolol from Spatially Distinct 20- and 40- μ m Dissections of Brain, Liver, and Kidney Thin Tissue Sections by Laser Microdissection-“Liquid Vortex Capture”-Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 6026-6034.	6.5	41
5	Single-Cell Transcriptomic Analysis Reveals BCMA CAR-T Cell Dynamics in a Patient with Refractory Primary Plasma Cell Leukemia. <i>Molecular Therapy</i> , 2021, 29, 645-657.	8.2	39
6	An enhanced droplet-based liquid microjunction surface sampling system coupled with HPLC-ESI-MS/MS for spatially resolved analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2117-2125.	3.7	29
7	Strategies for Genetically Engineering Hypoimmunogenic Universal Pluripotent Stem Cells. <i>iScience</i> , 2020, 23, 101162.	4.1	28
8	Lipid Droplets Form from Distinct Regions of the Cell in the Fission Yeast <i>Schizosaccharomyces pombe</i> . <i>Traffic</i> , 2016, 17, 657-669.	2.7	26
9	Extraction efficiency and implications for absolute quantitation of propranolol in mouse brain, liver and kidney tissue sections using droplet-based liquid microjunction surface sampling high-performance liquid chromatography/electrospray ionization tandem. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1705-1712.	1.5	24
10	The protein and neutral lipid composition of lipid droplets isolated from the fission yeast, <i>Schizosaccharomyces pombe</i> . <i>Journal of Microbiology</i> , 2017, 55, 112-122.	2.8	17
11	Perceptions of Barriers and Facilitators to Becoming a Medical Professional Among Underrepresented Undergraduate and Postbaccalaureate Learners. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021, 5, 347-358.	2.4	15
12	Team-Based Ultrasound Objective Structured Practice Examination (OSPE) in the Anatomy Course. <i>Anatomical Sciences Education</i> , 2021, 14, 377-384.	3.7	11
13	The Trifecta of Single-Cell, Systems-Biology, and Machine-Learning Approaches. <i>Genes</i> , 2021, 12, 1098.	2.4	9
14	Manifold medicine: A schema that expands treatment dimensionality. <i>Drug Discovery Today</i> , 2022, 27, 8-16.	6.4	5
15	De novo individualized disease modules reveal the synthetic penetrance of genes and inform personalized treatment regimens. <i>Genome Research</i> , 2022, 32, 124-134.	5.5	4
16	Collateral Lethal Effects of Complementary Oncolytic Viruses. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 236-246.	4.4	2
17	Machine Learning and Systems Biology Approaches to Characterize Dosage-Based Gene Dependencies in Cancer Cells. <i>Journal of Bioinformatics and Systems Biology</i> , 2021, 4, 13-32.	0.3	1