

Timothy G Hammond

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,052
citations

687363

13
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Yeast in Space. , 2022, , 717-732.		0
2	Vaccines in Space. , 2022, , 805-821.		0
3	Role of Shear Stress on Renal Proximal Tubular Cells for Nephrotoxicity Assays. Journal of Toxicology, 2021, 2021, 1-6.	3.0	7
4	Cell spinpods are a simple inexpensive suspension culture device to deliver fluid shear stress to renal proximal tubular cells. Scientific Reports, 2021, 11, 21296.	3.3	2
5	Yeast in Space. , 2019, , 1-16.		1
6	Vaccines in Space. , 2019, , 1-17.		0
7	Physical Forces Modulate Oxidative Status and Stress Defense Meditated Metabolic Adaptation of Yeast Colonies: Spaceflight and Microgravity Simulations. Microgravity Science and Technology, 2018, 30, 195-208.	1.4	10
8	Effects of Space Flight on Mouse Liver versus Kidney: Gene Pathway Analyses. International Journal of Molecular Sciences, 2018, 19, 4106.	4.1	17
9	Gene Pathways Analysis of the Effects of Suspension Culture on Primary Human Renal Proximal Tubular Cells. Microgravity Science and Technology, 2018, 30, 951-963.	1.4	3
10	Hepatocyte CYP2B6 Can Be Expressed in Cell Culture Systems by Exerting Physiological Levels of Shear: Implications for ADME Testing. Journal of Toxicology, 2017, 2017, 1-5.	3.0	5
11	Is There a Space-Based Technology Solution to Problems with Preclinical Drug Toxicity Testing?. Pharmaceutical Research, 2016, 33, 1545-1551.	3.5	15
12	Establishing a Low Redox Potential in Giant Yeast Colonies: Effects of Media and Rotation. Gravitational and Space Research: Publication of the American Society for Gravitational and Space Research, 2016, 4, 27-38.	0.8	3
13	Genes Required for Survival in Microgravity Revealed by Genome-Wide Yeast Deletion Collections Cultured during Spaceflight. BioMed Research International, 2015, 2015, 1-10.	1.9	23
14	Validation of Assays for Reactive Oxygen Species and Glutathione in <i>Saccharomyces cerevisiae</i> during Microgravity Simulation. Gravitational and Space Research: Publication of the American Society for Gravitational and Space Research, 2015, 3, 42-53.	0.8	4
15	Effects of Microgravity on the Virulence of <i>Listeria monocytogenes</i> , <i>Enterococcus faecalis</i> , <i>Candida albicans</i> , and Methicillin-Resistant <i>Staphylococcus aureus</i> . Astrobiology, 2013, 13, 1081-1090.	3.0	51
16	Effects of Microgravity on the Virulence of <i>Salmonella</i> Toward <i>Caenorhabditis elegans</i> . New Space, 2013, 1, 123-131.	0.8	7
17	The Bonn Criteria: Minimal Experimental Parameter Reporting for Clinostat and Random Positioning Machine Experiments with Cells and Tissues. Microgravity Science and Technology, 2011, 23, 271-275.	1.4	14
18	Effects of spaceflight on murine skeletal muscle gene expression. Journal of Applied Physiology, 2009, 106, 582-595.	2.5	205

#	ARTICLE	IF	CITATIONS
19	Transcriptional regulation of changes in growth, cell cycle, and gene expression of <i>Saccharomyces cerevisiae</i> due to changes in buoyancy. <i>Biotechnology and Bioengineering</i> , 2008, 100, 334-343.	3.3	10
20	Novel Sfp1 Transcriptional Regulation of <i>Saccharomyces cerevisiae</i> Gene Expression Changes During Spaceflight. <i>Astrobiology</i> , 2008, 8, 1071-1078.	3.0	13
21	Diamagnetic levitation changes growth, cell cycle, and gene expression of <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2007, 98, 854-863.	3.3	46
22	Light chains are a ligand for megalin. <i>Journal of Applied Physiology</i> , 2005, 98, 257-263.	2.5	77
23	Human proximal tubular cell responses to angiotensin II analyzed using DNA microarray. <i>European Journal of Pharmacology</i> , 2003, 464, 87-94.	3.5	18
24	<i>Saccharomyces cerevisiae</i> gene expression changes during rotating wall vessel suspension culture. <i>Journal of Applied Physiology</i> , 2002, 93, 2171-2180.	2.5	40
25	Expression of renal cell protein markers is dependent on initial mechanical culture conditions. <i>Journal of Applied Physiology</i> , 2002, 92, 691-700.	2.5	14
26	Renal endosomes contain angiotensin peptides, converting enzyme, and AT _{1A} receptors. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, F303-F311.	2.7	67
27	Characterization of bimodal cell death of insect cells in a rotating-wall vessel and shaker flask. , 1999, 64, 14-26.		25
28	Inhibition of Nuclear Factor- κ B-Mediated Adhesion Molecule Expression in Human Endothelial Cells. <i>Circulation Research</i> , 1998, 82, 314-320.	4.5	131
29	The Intrinsic Factor-Vitamin B12 Receptor and Target of Teratogenic Antibodies Is a Megalin-binding Peripheral Membrane Protein with Homology to Developmental Proteins. <i>Journal of Biological Chemistry</i> , 1998, 273, 5235-5242.	3.4	233
30	Analysis and isolation of renal tubular cells by flow cytometry. <i>Kidney International</i> , 1992, 42, 997-1005.	5.2	11