

Matthew W Foster

List of Publications by Year in descending order

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32
papers

2,397
citations

331670

21
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434195

31
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all docs

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docs citations

33
times ranked

3570
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Small-Molecule-Induced Changes in Parkinson's-Related Trafficking via the Nedd4 Ubiquitin Signaling Cascade. <i>Cell Chemical Biology</i> , 2021, 28, 14-25.e9.	5.2	15
2	Branched-chain α -ketoacids are preferentially reaminated and activate protein synthesis in the heart. <i>Nature Communications</i> , 2021, 12, 1680.	12.8	45
3	The Salmonella Secreted Effector SarA/SteE Mimics Cytokine Receptor Signaling to Activate STAT3. <i>Cell Host and Microbe</i> , 2020, 27, 129-139.e4.	11.0	42
4	Interleukin-13 disrupts type 2 pneumocyte stem cell activity. <i>JCI Insight</i> , 2020, 5, .	5.0	23
5	ERK-dependent proteasome degradation of Txnip regulates thioredoxin oxidoreductase activity. <i>Journal of Biological Chemistry</i> , 2019, 294, 13336-13343.	3.4	5
6	EXTH-09. FIRST-IN-HUMAN DOSING CONSIDERATIONS OF A BISPECIFIC ANTIBODY FOR TREATING GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2019, 21, vi84-vi84.	1.2	0
7	Identification of a Novel Inhibitor of Human Rhinovirus Replication and Inflammation in Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 58-67.	2.9	5
8	Macrophage cells secrete factors including LRP1 that orchestrate the rejuvenation of bone repair in mice. <i>Nature Communications</i> , 2018, 9, 5191.	12.8	87
9	UBE2N Promotes Melanoma Growth via MEK/FRA1/SOX10 Signaling. <i>Cancer Research</i> , 2018, 78, 6462-6472.	0.9	56
10	The Diacetyl-Exposed Human Airway Epithelial Secretome: New Insights into Flavoring-Induced Airways Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 784-795.	2.9	20
11	Proteomic Analysis of Primary Human Airway Epithelial Cells Exposed to the Respiratory Toxicant Diacetyl. <i>Journal of Proteome Research</i> , 2017, 16, 538-549.	3.7	26
12	New Strategies and Challenges in Lung Proteomics and Metabolomics. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1721-1743.	3.2	44
13	Microgravity induces proteomics changes involved in endoplasmic reticulum stress and mitochondrial protection. <i>Scientific Reports</i> , 2016, 6, 34091.	3.3	43
14	Genetic Variation in Surfactant Protein-A2 Results in Altered Regulation of Eosinophil Activities and Enhanced Eosinophilia in Patients with Asthma. <i>Annals of the American Thoracic Society</i> , 2016, 13 Suppl 1, S101.	3.2	1
15	Cerebrospinal fluid proteomics in children during induction for acute lymphoblastic leukemia: A pilot study. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1190-1194.	1.5	16
16	Quantitative Proteomics of Bronchoalveolar Lavage Fluid in Idiopathic Pulmonary Fibrosis. <i>Journal of Proteome Research</i> , 2015, 14, 1238-1249.	3.7	79
17	<i>S</i> -Nitrosylation of Sarcomeric Proteins Depresses Myofibrillar Ca^{2+} Sensitivity in Intact Cardiomyocytes. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1017-1034.	5.4	47
18	Targeted Proteomics of Human Metapneumovirus in Clinical Samples and Viral Cultures. <i>Analytical Chemistry</i> , 2015, 87, 10247-10254.	6.5	35

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19	Phosphoproteomic Profiling of Human Myocardial Tissues Distinguishes Ischemic from Non-Ischemic End Stage Heart Failure. <i>PLoS ONE</i> , 2014, 9, e104157.	2.5	39
20	Identification and Quantitation of Coding Variants and Isoforms of Pulmonary Surfactant Protein A. <i>Journal of Proteome Research</i> , 2014, 13, 3722-3732.	3.7	16
21	Proteomic Analysis of Human Bronchoalveolar Lavage Fluid after Subsegmental Exposure. <i>Journal of Proteome Research</i> , 2013, 12, 2194-2205.	3.7	20
22	Longitudinal Study of Differential Protein Expression in an Alzheimer's Mouse Model Lacking Inducible Nitric Oxide Synthase. <i>Journal of Proteome Research</i> , 2013, 12, 4462-4477.	3.7	35
23	Proteomic Characterization of the Cellular Response to Nitrosative Stress Mediated by S-Nitrosoglutathione Reductase Inhibition. <i>Journal of Proteome Research</i> , 2012, 11, 2480-2491.	3.7	30
24	Methodologies for the characterization, identification and quantification of S-nitrosylated proteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 675-683.	2.4	33
25	S-nitrosoglutathione supplementation to ovalbumin-sensitized and -challenged mice ameliorates methacholine-induced bronchoconstriction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L739-L744.	2.9	18
26	Thioredoxin interacting protein (Txnip) is feedback regulator of S-nitrosylation. <i>FASEB Journal</i> , 2010, 24, 904.2.	0.5	0
27	Thioredoxin-interacting Protein (Txnip) Is a Feedback Regulator of S-Nitrosylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 36160-36166.	3.4	73
28	A Genetic Analysis of Nitrosative Stress. <i>Biochemistry</i> , 2009, 48, 792-799.	2.5	95
29	Protein S-nitrosylation in health and disease: a current perspective. <i>Trends in Molecular Medicine</i> , 2009, 15, 391-404.	6.7	670
30	A protein microarray-based analysis of S-nitrosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18948-18953.	7.1	107
31	New Insights into Protein S-Nitrosylation. <i>Journal of Biological Chemistry</i> , 2004, 279, 25891-25897.	3.4	162
32	S-nitrosylation in health and disease. <i>Trends in Molecular Medicine</i> , 2003, 9, 160-168.	6.7	503