

# Matthew W Foster

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,397  
citations

331670

21  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein S-nitrosylation in health and disease: a current perspective. Trends in Molecular Medicine, 2009, 15, 391-404.	6.7	670
2	S-nitrosylation in health and disease. Trends in Molecular Medicine, 2003, 9, 160-168.	6.7	503
3	New Insights into Protein S-Nitrosylation. Journal of Biological Chemistry, 2004, 279, 25891-25897.	3.4	162
4	A protein microarray-based analysis of <i>S</i> -nitrosylation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18948-18953.	7.1	107
5	A Genetic Analysis of Nitrosative Stress. Biochemistry, 2009, 48, 792-799.	2.5	95
6	Macrophage cells secrete factors including LRP1 that orchestrate the rejuvenation of bone repair in mice. Nature Communications, 2018, 9, 5191.	12.8	87
7	Quantitative Proteomics of Bronchoalveolar Lavage Fluid in Idiopathic Pulmonary Fibrosis. Journal of Proteome Research, 2015, 14, 1238-1249.	3.7	79
8	Thioredoxin-interacting Protein (Txnip) Is a Feedback Regulator of S-Nitrosylation. Journal of Biological Chemistry, 2009, 284, 36160-36166.	3.4	73
9	UBE2N Promotes Melanoma Growth via MEK/FRA1/SOX10 Signaling. Cancer Research, 2018, 78, 6462-6472.	0.9	56
10	<i>S</i> -Nitrosylation of Sarcomeric Proteins Depresses Myofilament Ca <sup>2+</sup> Sensitivity in Intact Cardiomyocytes. Antioxidants and Redox Signaling, 2015, 23, 1017-1034.	5.4	47
11	Branched-chain $\alpha$ -ketoacids are preferentially reaminated and activate protein synthesis in the heart. Nature Communications, 2021, 12, 1680.	12.8	45
12	New Strategies and Challenges in Lung Proteomics and Metabolomics. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2017, 14, 1721-1743.	3.2	44
13	Microgravity induces proteomics changes involved in endoplasmic reticulum stress and mitochondrial protection. Scientific Reports, 2016, 6, 34091.	3.3	43
14	The Salmonella Secreted Effector SarA/SteE Mimics Cytokine Receptor Signaling to Activate STAT3. Cell Host and Microbe, 2020, 27, 129-139.e4.	11.0	42
15	Phosphoproteomic Profiling of Human Myocardial Tissues Distinguishes Ischemic from Non-Ischemic End Stage Heart Failure. PLoS ONE, 2014, 9, e104157.	2.5	39
16	Longitudinal Study of Differential Protein Expression in an Alzheimer's Mouse Model Lacking Inducible Nitric Oxide Synthase. Journal of Proteome Research, 2013, 12, 4462-4477.	3.7	35
17	Targeted Proteomics of Human Metapneumovirus in Clinical Samples and Viral Cultures. Analytical Chemistry, 2015, 87, 10247-10254.	6.5	35
18	Methodologies for the characterization, identification and quantification of S-nitrosylated proteins. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 675-683.	2.4	33

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Interleukin-13 disrupts type 2 pneumocyte stem cell activity. <i>JCI Insight</i> , 2020, 5, .	5.0	23
22	Proteomic Analysis of Human Bronchoalveolar Lavage Fluid after Subsegmental Exposure. <i>Journal of Proteome Research</i> , 2013, 12, 2194-2205.	3.7	20
23	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
24	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
25	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
26	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
27	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
28	ERK-dependent proteasome degradation of Txnip regulates thioredoxin oxidoreductase activity. <i>Journal of Biological Chemistry</i> , 2019, 294, 13336-13343.	3.4	5
29	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
30	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
31	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
32	Thioredoxin interacting protein (Txnip) is feedback regulator of S-nitrosylation. <i>FASEB Journal</i> , 2010, 24, 904.2.	0.5	0