

# Meghan J Mcfadden

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5031622/publications.pdf>

Version: 2024-02-01

14  
papers

399  
citations

1307594

7  
h-index

1058476

14  
g-index

14  
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14  
docs citations

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times ranked

637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reagentless Bidirectional Lateral Flow Bioactive Paper Sensors for Detection of Pesticides in Beverage and Food Samples. <i>Analytical Chemistry</i> , 2009, 81, 9055-9064.	6.5	285
2	Magnetic "Fishing" Assay To Screen Small-Molecule Mixtures for Modulators of Protein-Protein Interactions. <i>Analytical Chemistry</i> , 2010, 82, 9850-9857.	6.5	25
3	Mapping signalling perturbations in myocardial fibrosis via the integrative phosphoproteomic profiling of tissue from diverse sources. <i>Nature Biomedical Engineering</i> , 2020, 4, 889-900.	22.5	17
4	Myocardial Infarction Induces Cardiac Fibroblast Transformation within Injured and Noninjured Regions of the Mouse Heart. <i>Journal of Proteome Research</i> , 2021, 20, 2867-2881.	3.7	16
5	Synthesizing Novel Anthraquinone Natural Product-like Compounds To Investigate Protein-Ligand Interactions in Both an in Vitro and in Vivo Assay: An Integrated Research-Based Third-Year Chemical Biology Laboratory Course. <i>Journal of Chemical Education</i> , 2012, 89, 743-749.	2.3	11
6	Limited Endothelial Plasticity of Mesenchymal Stem Cells Revealed by Quantitative Phenotypic Comparisons to Representative Endothelial Cell Controls. <i>Stem Cells Translational Medicine</i> , 2019, 8, 35-45.	3.3	10
7	Proteome analysis of secretions from human monocyte-derived macrophages post-exposure to biomaterials and the effect of secretions on cardiac fibroblast fibrotic character. <i>Acta Biomaterialia</i> , 2020, 111, 80-90.	8.3	8
8	Delineation of key XRCC4/Ligase IV interfaces for targeted disruption of non-homologous end joining DNA repair. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 187-194.	2.6	7
9	Deletion of type VIII collagen reduces blood pressure, increases carotid artery functional distensibility and promotes elastin deposition. <i>Matrix Biology Plus</i> , 2021, 12, 100085.	3.5	6
10	Mitigating the non-specific uptake of immunomagnetic microparticles enables the extraction of endothelium from human fat. <i>Communications Biology</i> , 2021, 4, 1205.	4.4	5
11	Self-Assembled Oligo-Urethane Nanoparticles: Their Characterization and Use for the Delivery of Active Biomolecules into Mammalian Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 58352-58368.	8.0	3
12	Vascular tissue engineering from human adipose tissue: fundamental phenotype of its resident microvascular endothelial cells and stromal/stem cells. <i>Biomaterials and Biosystems</i> , 2022, 6, 100049.	2.2	3
13	Immunomagnetic Isolation and Enrichment of Microvascular Endothelial Cells from Human Adipose Tissue. <i>Bio-protocol</i> , 2022, 12, .	0.4	2
14	Evaluation of the Calmodulin-SOX9 Interaction by "Magnetic Fishing" Coupled to Mass Spectrometry. <i>ChemBioChem</i> , 2014, 15, 2411-2419.	2.6	1