

# Mark T Miedel

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

398  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

685  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Quantitative Systems Pharmacology Platform Reveals NAFLD Pathophysiological States and Targeting Strategies. <i>Metabolites</i> , 2022, 12, 528.	2.9	3
2	Quantifying the progression of non-alcoholic fatty liver disease in human biomimetic liver microphysiology systems with fluorescent protein biosensors. <i>Experimental Biology and Medicine</i> , 2021, 246, 2420-2441.	2.4	5
3	Modeling the Effect of the Metastatic Microenvironment on Phenotypes Conferred by Estrogen Receptor Mutations Using a Human Liver Microphysiological System. <i>Scientific Reports</i> , 2019, 9, 8341.	3.3	15
4	Clinically Observed Estrogen Receptor Alpha Mutations within the Ligand-Binding Domain Confer Distinguishable Phenotypes. <i>Oncology</i> , 2018, 94, 176-189.	1.9	20
5	Activation of the <i>Caenorhabditis elegans</i> Degenerin Channel by Shear Stress Requires the MEC-10 Subunit. <i>Journal of Biological Chemistry</i> , 2016, 291, 14012-14022.	3.4	14
6	The Aggregation-Prone Intracellular Serpin SRP-2 Fails to Transit the ER in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2015, 200, 207-219.	2.9	2
7	Deficient and Null Variants of SERPINA1 Are Proteotoxic in a <i>Caenorhabditis elegans</i> Model of $\alpha$ 1-Antitrypsin Deficiency. <i>PLoS ONE</i> , 2015, 10, e0141542.	2.5	9
8	SERPINB12 Is a Slow-Binding Inhibitor of Granzyme A and Hepsin. <i>Biochemistry</i> , 2015, 54, 6756-6759.	2.5	13
9	Serpins in <i>Caenorhabditis elegans</i> . , 2015, , 253-268.		0
10	A <i>C. elegans</i> model of human $\alpha$ 1-antitrypsin deficiency links components of the RNAi pathway to misfolded protein turnover. <i>Human Molecular Genetics</i> , 2014, 23, 5109-5122.	2.9	32
11	A genome-wide RNAi screen identifies potential drug targets in a <i>C. elegans</i> model of $\alpha$ 1-antitrypsin deficiency. <i>Human Molecular Genetics</i> , 2014, 23, 5123-5132.	2.9	41
12	Isolation of serpin-interacting proteins in <i>C. elegans</i> using protein affinity purification. <i>Methods</i> , 2014, 68, 536-541.	3.8	4
13	Loss of Lysosomal Ion Channel Transient Receptor Potential Channel Mucolipin-1 (TRPML1) Leads to Cathepsin B-dependent Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 8082-8091.	3.4	49
14	A Pro-Cathepsin L Mutant Is a Luminal Substrate for Endoplasmic-Reticulum-Associated Degradation in <i>C. elegans</i> . <i>PLoS ONE</i> , 2012, 7, e40145.	2.5	38
15	Using <i>C. elegans</i> to Identify the Protease Targets of Serpins In Vivo. <i>Methods in Enzymology</i> , 2011, 499, 283-299.	1.0	5
16	Membrane traffic and turnover in TRP-ML1-deficient cells: a revised model for mucopolidosis type IV pathogenesis. <i>Journal of Experimental Medicine</i> , 2008, 205, 1477-1490.	8.5	85
17	Membrane traffic and turnover in TRP-ML1-deficient cells: a revised model for mucopolidosis type IV pathogenesis. <i>Journal of Cell Biology</i> , 2008, 181, i17-i17.	5.2	0
18	Posttranslational Cleavage and Adaptor Protein Complex-dependent Trafficking of Mucolipin-1. <i>Journal of Biological Chemistry</i> , 2006, 281, 12751-12759.	3.4	56

#	ARTICLE	IF	CITATIONS
19	ADP-ribosylation Factor 1-independent Protein Sorting and Export from the trans-Golgi Network. Journal of Biological Chemistry, 2004, 279, 52735-52743.	3.4	7