

# Martin S Denzel

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,760  
citations

471509

17  
h-index

454955

30  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2809  
citing authors

#	ARTICLE	IF	CITATIONS
1	T-cadherin is critical for adiponectin-mediated cardioprotection in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 4342-4352.	8.2	291
2	Longer lifespan in male mice treated with a weakly estrogenic agonist, an antioxidant, an $\alpha$ -glucosidase inhibitor or a Nrf2 inducer. <i>Aging Cell</i> , 2016, 15, 872-884.	6.7	277
3	Hexosamine Pathway Metabolites Enhance Protein Quality Control and Prolong Life. <i>Cell</i> , 2014, 156, 1167-1178.	28.9	185
4	T-cadherin Is Essential for Adiponectin-mediated Revascularization*. <i>Journal of Biological Chemistry</i> , 2013, 288, 24886-24897.	3.4	139
5	Small-molecule inhibitors of human mitochondrial DNA transcription. <i>Nature</i> , 2020, 588, 712-716.	27.8	115
6	Adiponectin Attenuates Lipopolysaccharide-Induced Acute Lung Injury through Suppression of Endothelial Cell Activation. <i>Journal of Immunology</i> , 2012, 188, 854-863.	0.8	93
7	Adiponectin Deficiency Limits Tumor Vascularization in the MMTV-PyV-mT Mouse Model of Mammary Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 3256-3264.	7.0	78
8	Glutamine Metabolism Controls Stem Cell Fate Reversibility and Long-Term Maintenance in the Hair Follicle. <i>Cell Metabolism</i> , 2020, 32, 629-642.e8.	16.2	60
9	The Heme Synthesis Defect of Mutants Impaired in Mitochondrial Iron-Sulfur Protein Biogenesis Is Caused by Reversible Inhibition of Ferrochelatase. <i>Journal of Biological Chemistry</i> , 2004, 279, 29101-29108.	3.4	54
10	Emerging topics in <i>C. elegans</i> aging research: Transcriptional regulation, stress response and epigenetics. <i>Mechanisms of Ageing and Development</i> , 2019, 177, 4-21.	4.6	53
11	Hexosamine pathway and (ER) protein quality control. <i>Current Opinion in Cell Biology</i> , 2015, 33, 14-18.	5.4	52
12	Loss of GFAT-1 feedback regulation activates the hexosamine pathway that modulates protein homeostasis. <i>Nature Communications</i> , 2020, 11, 687.	12.8	41
13	Bortezomib resistance mutations in PSMB5 determine response to second-generation proteasome inhibitors in multiple myeloma. <i>Leukemia</i> , 2021, 35, 887-892.	7.2	38
14	Multivalent proteoglycan modulation of FGF mitogenic responses in perivascular cells. <i>Angiogenesis</i> , 2013, 16, 309-327.	7.2	34
15	Modulating the integrated stress response to slow aging and ameliorate age-related pathology. <i>Nature Aging</i> , 2021, 1, 760-768.	11.6	33
16	T-cadherin (Cdh13) in association with pancreatic $\beta$ -cell granules contributes to second phase insulin secretion. <i>Islets</i> , 2011, 3, 327-337.	1.8	31
17	Hexosamine Pathway Activation Improves Protein Homeostasis through the Integrated Stress Response. <i>Science</i> , 2020, 23, 100887.	4.1	23
18	The E3 ubiquitin ligase <i>UBR5</i> interacts with the H/ <i>ACA</i> ribonucleoprotein complex and regulates ribosomal <i>RNA</i> biogenesis in embryonic stem cells. <i>FEBS Letters</i> , 2020, 594, 175-188.	2.8	19

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19	Protein kinase A controls the hexosamine pathway by tuning the feedback inhibition of GFAT-1. Nature Communications, 2021, 12, 2176.	12.8	19
20	hESC Differentiation toward an Autonomic Neuronal Cell Fate Depends on Distinct Cues from the Co-Patterning Vasculature. Stem Cell Reports, 2015, 4, 1075-1088.	4.8	18
21	Mutagenesis screen uncovers lifespan extension through integrated stress response inhibition without reduced mRNA translation. Nature Communications, 2021, 12, 1678.	12.8	18
22	GFPT2/GFAT2 and AMDHD2 act in tandem to control the hexosamine pathway. ELife, 2022, 11, .	6.0	18
23	Unbiased compound-protein interface mapping and prediction of chemoresistance loci through forward genetics in haploid stem cells. Oncotarget, 2018, 9, 9838-9851.	1.8	17
24	1-acetylspermidine is a determinant of hair follicle stem cell fate. Journal of Cell Science, 2021, 134, .	2.0	11
25	Preparing junior faculty for success. Science, 2018, 361, 238-238.	12.6	10
26	miR-1 coordinately regulates lysosomal v-ATPase and biogenesis to impact proteotoxicity and muscle function during aging. ELife, 2021, 10, .	6.0	9
27	Oral Supplementation of Glucosamine Fails to Alleviate Acute Kidney Injury in Renal Ischemia-Reperfusion Damage. PLoS ONE, 2016, 11, e0161315.	2.5	9
28	NHR-8 and P-glycoproteins uncouple xenobiotic resistance from longevity in chemosensory C. elegans mutants. ELife, 2021, 10, .	6.0	8
29	Chaperoning junior faculty. EMBO Reports, 2019, 20, .	4.5	3
30	Improved protein-crystal identification by using 2,2,2-trichloroethanol as a fluorescence enhancer. Acta Crystallographica Section F, Structural Biology Communications, 2018, 74, 307-314.	0.8	2
31	Unbiased Forward Genetic Screening with Chemical Mutagenesis to Uncover Drug-Target Interactions. Methods in Molecular Biology, 2019, 1953, 23-31.	0.9	0
32	The RATIONAl Role of Polyamines in Epidermal Differentiation. Journal of Investigative Dermatology, 2021, 141, 2105-2107.	0.7	0