Martin S Denzel

List of Publications by Year
in descending order

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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	GFPT2/GFAT2 and AMDHD2 act in tandem to control the hexosamine pathway. ELife, 2022, 11, .	6.0	18
2	Bortezomib resistance mutations in PSMB5 determine response to second-generation proteasome inhibitors in multiple myeloma. Leukemia, 2021, 35, 887-892.	7.2	38
3	Mutagenesis screen uncovers lifespan extension through integrated stress response inhibition without reduced mRNA translation. Nature Communications, 2021, 12, 1678.	12.8	18
4	Protein kinase A controls the hexosamine pathway by tuning the feedback inhibition of GFAT-1. Nature Communications, 2021, 12, 2176.	12.8	19
5	N1-acetylspermidine is a determinant of hair follicle stem cell fate. Journal of Cell Science, 2021, 134, .	2.0	11
6	miR-1 coordinately regulates lysosomal v-ATPase and biogenesis to impact proteotoxicity and muscle function during aging. ELife, 2021, 10, .	6.0	9
7	NHR-8 and P-glycoproteins uncouple xenobiotic resistance from longevity in chemosensory C. elegans mutants. ELife, 2021, 10, .	6.0	8
8	Modulating the integrated stress response to slow aging and ameliorate age-related pathology. Nature Aging, 2021, 1, 760-768.	11.6	33
9	The RATIOnal Role of Polyamines in Epidermal Differentiation. Journal of Investigative Dermatology, 2021, 141, 2105-2107.	0.7	0
10	The E3 ubiquitin ligase <scp>UBR</scp>5 interacts with the H/<scp>ACA</scp> ribonucleoprotein complex and regulates ribosomal <scp>RNA</scp> biogenesis in embryonic stem cells. FEBS Letters, 2020, 594, 175-188.	2.8	19
11	Glutamine Metabolism Controls Stem Cell Fate Reversibility and Long-Term Maintenance in the Hair Follicle. Cell Metabolism, 2020, 32, 629-642.e8.	16.2	60
12	Hexosamine Pathway Activation Improves Protein Homeostasis through the Integrated Stress Response. IScience, 2020, 23, 100887.	4.1	23
13	Small-molecule inhibitors of human mitochondrial DNA transcription. Nature, 2020, 588, 712-716.	27.8	115
14	Loss of GFAT-1 feedback regulation activates the hexosamine pathway that modulates protein homeostasis. Nature Communications, 2020, 11, 687.	12.8	41
15	Emerging topics in C. elegans aging research: Transcriptional regulation, stress response and epigenetics. Mechanisms of Ageing and Development, 2019, 177, 4-21.	4.6	53
16	Unbiased Forward Genetic Screening with Chemical Mutagenesis to Uncover Drugâ€“Target Interactions. Methods in Molecular Biology, 2019, 1953, 23-31.	0.9	0
17	Chaperoning junior faculty. EMBO Reports, 2019, 20, .	4.5	3
18	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

#	Article	IF	Citations
19	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
20	Preparing junior faculty for success. Science, 2018, 361, 238-238.	12.6	10
21	Longer lifespan in male mice treated with a weakly estrogenic agonist, an antioxidant, an Î±â€glucosidase inhibitor or a Nrf2â€inducer. Aging Cell, 2016, 15, 872-884.	6.7	277
22	Oral Supplementation of Glucosamine Fails to Alleviate Acute Kidney Injury in Renal Ischemia-Reperfusion Damage. PLoS ONE, 2016, 11, e0161315.	2.5	9
23	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
24	Hexosamine pathway and (ER) protein quality control. Current Opinion in Cell Biology, 2015, 33, 14-18.	5.4	52
25	Hexosamine Pathway Metabolites Enhance Protein Quality Control and Prolong Life. Cell, 2014, 156, 1167-1178.	28.9	185
26	T-cadherin Is Essential for Adiponectin-mediated Revascularization*. Journal of Biological Chemistry, 2013, 288, 24886-24897.	3.4	139
27	Multivalent proteoglycan modulation of FGF mitogenic responses in perivascular cells. Angiogenesis, 2013, 16, 309-327.	7.2	34
28	Adiponectin Attenuates Lipopolysaccharide-Induced Acute Lung Injury through Suppression of Endothelial Cell Activation. Journal of Immunology, 2012, 188, 854-863.	0.8	93
29	T-cadherin (Cdh13) in association with pancreatic Î²-cell granules contributes to second phase insulin secretion. Islets, 2011, 3, 327-337.	1.8	31
30	T-cadherin is critical for adiponectin-mediated cardioprotection in mice. Journal of Clinical Investigation, 2010, 120, 4342-4352.	8.2	291
31	Adiponectin Deficiency Limits Tumor Vascularization in the MMTV-PyV-mT Mouse Model of Mammary Cancer. Clinical Cancer Research, 2009, 15, 3256-3264.	7.0	78
32	The Heme Synthesis Defect of Mutants Impaired in Mitochondrial Iron-Sulfur Protein Biogenesis Is Caused by Reversible Inhibition of Ferrochelatase. Journal of Biological Chemistry, 2004, 279, 29101-29108.	3.4	54