

Diane C Darland

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	1,265 citations	10 h-index	22 g-index
22 ext. papers	1,430 ext. citations	6.2 avg, IF	3.66 L-index

#	Paper	IF	Citations
22	Engineering vascularized skeletal muscle tissue. <i>Nature Biotechnology</i> , 2005 , 23, 879-84	44.5	1016
21	Integrated microfluidic systems with sample preparation and nucleic acid amplification. <i>Lab on A Chip</i> , 2019 , 19, 2769-2785	7.2	55
20	APP Regulates Microglial Phenotype in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2016 , 36, 8471-86	6.6	36
19	Vascular endothelial growth factor (VEGF) isoform regulation of early forebrain development. <i>Developmental Biology</i> , 2011 , 358, 9-22	3.1	25
18	Sulpiride, but not SCH23390, modifies cocaine-induced conditioned place preference and expression of tyrosine hydroxylase and elongation factor 1 β in zebrafish. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 157-67	3.9	19
17	Effects of Probiotic Supplementation on Short Chain Fatty Acids in the AppNL-G-F Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020 , 76, 1083-1102	4.3	18
16	REDUCTION OF PM2.5 TOXICITY ON HUMAN ALVEOLAR EPITHELIAL CELLS A549 BY TEA POLYPHENOLS. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12496	3.3	15
15	Schlafen 3 knockout mice display gender-specific differences in weight gain, food efficiency, and expression of markers of intestinal epithelial differentiation, metabolism, and immune cell function. <i>PLoS ONE</i> , 2019 , 14, e0219267	3.7	11
14	Maternal low protein diet leads to placental angiogenic compensation via dysregulated M1/M2 macrophages and TNF α expression in Sprague-Dawley rats. <i>Journal of Reproductive Immunology</i> , 2016 , 118, 9-17	4.2	11
13	The longitudinal effects of early developmental cadmium exposure on conditioned place preference and cardiovascular physiology in zebrafish. <i>Aquatic Toxicology</i> , 2017 , 191, 73-84	5.1	10
12	NMDA and kainate receptor expression, long-term potentiation, and neurogenesis in the hippocampus of long-lived Ames dwarf mice. <i>Age</i> , 2012 , 34, 609-20		10
11	Nanozymes-Hitting the Biosensing "Target". <i>Sensors</i> , 2021 , 21,	3.8	7
10	Shifts in the vascular endothelial growth factor isoforms result in transcriptome changes correlated with early neural stem cell proliferation and differentiation in mouse forebrain. <i>Developmental Neurobiology</i> , 2014 , 74, 63-81	3.2	6
9	Longitudinal Effects of Embryonic Exposure to Cocaine on Morphology, Cardiovascular Physiology, and Behavior in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	6
8	Long-term retention of knowledge and critical thinking skills in developmental biology. <i>Journal of Microbiology and Biology Education</i> , 2012 , 13, 125-32	1.3	5
7	Graphene Oxide-Based Biocompatible 3D Mesh with a Tunable Porosity and Tensility for Cell Culture. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1505-1517	5.5	3
6	Loss of Slfn3 induces a sex-dependent repair vulnerability after 50% bowel resection. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G136-G152	5.1	3

5	The Hox protein conundrum: The "specifics" of DNA binding for Hox proteins and their partners. <i>Developmental Biology</i> , 2021 , 477, 284-292	3.1	3
4	Development of alveolar-capillary-exchange (ACE) chip and its application for assessment of PM-induced toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 223, 112601	7	3
3	RBMS1 Methylation and mRNA Expression Are Differentially Regulated in Placenta Tissue from Obese Women (P11-131-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	2
2	Postnatal exercise protects offspring from high-fat diet-induced reductions in subcutaneous adipocyte beiging in C57Bl6/J mice. <i>Journal of Nutritional Biochemistry</i> , 2022 , 99, 108853	6.3	1
1	Effects of Probiotic Supplementation on Short Chain Fatty Acids in the AppNL ^{G1} Mouse Model of Alzheimer's Disease. <i>Advances in Alzheimer's Disease</i> , 2022 ,		