

# Diane C Darland

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/271252/publications.pdf>

Version: 2024-02-01

22  
papers

1,566  
citations

840776

11  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering vascularized skeletal muscle tissue. <i>Nature Biotechnology</i> , 2005, 23, 879-884.	17.5	1,153
2	Integrated microfluidic systems with sample preparation and nucleic acid amplification. <i>Lab on A Chip</i> , 2019, 19, 2769-2785.	6.0	84
3	APP Regulates Microglial Phenotype in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2016, 36, 8471-8486.	3.6	55
4	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.	2.6	41
5	Vascular endothelial growth factor (VEGF) isoform regulation of early forebrain development. <i>Developmental Biology</i> , 2011, 358, 9-22.	2.0	30
6	Nanozymes "Hitting the Biosensing Target". <i>Sensors</i> , 2021, 21, 5201.	3.8	27
7	Reduction of PM2.5 toxicity on human alveolar epithelial cells A549 by tea polyphenols. <i>Journal of Food Biochemistry</i> , 2018, 42, e12496.	2.9	24
8	Sulpiride, but not SCH23390, modifies cocaine-induced conditioned place preference and expression of tyrosine hydroxylase and elongation factor 1 $\alpha$ in zebrafish. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 103, 157-167.	2.9	21
9	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.	4.0	19
10	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.	2.5	17
11	Maternal low protein diet leads to placental angiogenic compensation via dysregulated M1/M2 macrophages and TNF $\alpha$ expression in Sprague-Dawley rats. <i>Journal of Reproductive Immunology</i> , 2016, 118, 9-17.	1.9	16
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, 609-620.	3.0	12
13	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.	3.0	10
14	Longitudinal Effects of Embryonic Exposure to Cocaine on Morphology, Cardiovascular Physiology, and Behavior in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2016, 17, 847.	4.1	10
15	The Hox protein conundrum: The "specificity" of DNA binding for Hox proteins and their partners. <i>Developmental Biology</i> , 2021, 477, 284-292.	2.0	10
16	Development of alveolar-capillary-exchange (ACE) chip and its application for assessment of PM2.5-induced toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112601.	6.0	10
17	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.	3.4	8
18	Long-Term Retention of Knowledge and Critical Thinking Skills in Developmental Biology. <i>Journal of Microbiology and Biology Education</i> , 2012, 13, 125-132.	1.0	6

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19	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.	4.2	6
20	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, nzz048.P11-131-19.	0.3	4
21	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.	5.2	3
22	Effects of Probiotic Supplementation on Short Chain Fatty Acids in the AppNL <sup>G4</sup> Mouse Model of Alzheimer's Disease. <i>Advances in Alzheimer's Disease</i> , 2022, , .	0.2	0