

# Devan L Puhl

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

233  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing electrospun fiber platforms for efficient delivery of genetic material and genome editing tools. <i>Advanced Drug Delivery Reviews</i> , 2022, 183, 114161.	13.7	21
2	Conventional immunomarkers stain a fraction of astrocytes <i>in vitro</i> : A comparison of rat cortical and spinal cord astrocytes in naïve and stimulated cultures. <i>Journal of Neuroscience Research</i> , 2021, 99, 806-826.	2.9	5
3	Acute Dose-Dependent Neuroprotective Effects of Poly(pro-17 $\beta$ -estradiol) in a Mouse Model of Spinal Contusion Injury. <i>ACS Chemical Neuroscience</i> , 2021, 12, 959-965.	3.5	2
4	Electrospun Fiber Scaffolds for Engineering Glial Cell Behavior to Promote Neural Regeneration. <i>Bioengineering</i> , 2021, 8, 4.	3.5	26
5	Coating Topologically Complex Electrospun Fibers with Nanosilk Fibroin Enhances Neurite Outgrowth <i>In Vitro</i> . <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1321-1332.	5.2	20
6	Aligned Fingolimod-Releasing Electrospun Fibers Increase Dorsal Root Ganglia Neurite Extension and Decrease Schwann Cell Expression of Promyelinating Factors. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 937.	4.1	10
7	Vastly extended drug release from poly(pro-17 $\beta$ -estradiol) materials facilitates <i>in vitro</i> neurotrophism and neuroprotection. <i>Nature Communications</i> , 2019, 10, 4830.	12.8	22
8	Exploring the effects of electrospun fiber surface nanotopography on neurite outgrowth and branching in neuron cultures. <i>PLoS ONE</i> , 2019, 14, e0211731.	2.5	30
9	Challenges of gene delivery to the central nervous system and the growing use of biomaterial vectors. <i>Brain Research Bulletin</i> , 2019, 150, 216-230.	3.0	37
10	Stabilized Interleukin-4-Loaded Poly(lactic-co-glycolic) Acid Films Shift Proinflammatory Macrophages toward a Regenerative Phenotype <i>In Vitro</i> . <i>ACS Applied Bio Materials</i> , 2019, 2, 1498-1508.	4.6	11
11	Solvent Retention in Electrospun Fibers Affects Scaffold Mechanical Properties. <i>Electrospinning</i> , 2018, 2, 15-28.	1.6	24
12	Electrospun fiber surface nanotopography influences astrocyte-mediated neurite outgrowth. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 054101.	3.3	25