

# Nicole E Zander

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

924  
citations

567281

15  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchically Structured Electrospun Fibers. <i>Polymers</i> , 2013, 5, 19-44.	4.5	117
2	Recycled polyethylene terephthalate as a new FFF feedstock material. <i>Additive Manufacturing</i> , 2018, 21, 174-182.	3.0	116
3	Recycled polypropylene blends as novel 3D printing materials. <i>Additive Manufacturing</i> , 2019, 25, 122-130.	3.0	97
4	Recycled PET Nanofibers for Water Filtration Applications. <i>Materials</i> , 2016, 9, 247.	2.9	87
5	Quantification of Protein Incorporated into Electrospun Polycaprolactone Tissue Engineering Scaffolds. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 2074-2081.	8.0	84
6	Formation of melt and solution spun polycaprolactone fibers by centrifugal spinning. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	61
7	Recycled Cellulose Polypropylene Composite Feedstocks for Material Extrusion Additive Manufacturing. <i>ACS Omega</i> , 2019, 4, 13879-13888.	3.5	59
8	Surface-modified nanofibrous biomaterial bridge for the enhancement and control of neurite outgrowth. <i>Biointerphases</i> , 2010, 5, 149-158.	1.6	48
9	Electrospun polycaprolactone scaffolds with tailored porosity using two approaches for enhanced cellular infiltration. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 179-187.	3.6	38
10	Coaxial Electrospun Poly(methyl methacrylate)-Polyacrylonitrile Nanofibers: Atomic Force Microscopy and Compositional Characterization. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12441-12447.	2.6	36
11	Composite Fibers from Recycled Plastics Using Melt Centrifugal Spinning. <i>Materials</i> , 2017, 10, 1044.	2.9	31
12	Formation of Nanofibers from Pure and Mixed Waste Streams Using Electrospinning. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 9057-9063.	3.7	29
13	In vitro studies of primary explosive blast loading on neurons. <i>Journal of Neuroscience Research</i> , 2015, 93, 1353-1363.	2.9	26
14	Recycled Polymer Feedstocks for Material Extrusion Additive Manufacturing. <i>ACS Symposium Series</i> , 2019, , 37-51.	0.5	25
15	Rubber toughened recycled polyethylene terephthalate for material extrusion additive manufacturing. <i>Polymer International</i> , 2021, 70, 742-748.	3.1	16
16	Effects of repetitive low-pressure explosive blast on primary neurons and mixed cultures. <i>Journal of Neuroscience Research</i> , 2016, 94, 827-836.	2.9	14
17	Explosive Blast Loading on Human 3D Aggregate Minibrains. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 1331-1334.	3.3	12
18	The effect of explosive blast loading on human neuroblastoma cells. <i>Analytical Biochemistry</i> , 2016, 504, 4-6.	2.4	11

#	ARTICLE	IF	CITATIONS
19	Immobilized laminin concentration gradients on electrospun fiber scaffolds for controlled neurite outgrowth. <i>Biointerphases</i> , 2014, 9, 011003.	1.6	7
20	Effects on Neurons and Hippocampal Slices by Single and Multiple Primary Blast Pressure Waves From Detonating Spherical Cyclotrimethylenetrinitramine (RDX) Explosive Charges. <i>Military Medicine</i> , 2018, 183, 269-275.	0.8	5
21	Comparison of Numerical Simulations with Experiments of Blast-Induced Pressure Wave Impact on a Surrogate Head Model. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2018, , 181-187.	0.5	3
22	High-speed imaging and small-scale explosive characterization techniques to understand effects of primary blast-induced injury on nerve cell structure and function. <i>Shock Waves</i> , 2018, 28, 37-50.	1.9	2
23	Experimental and numerical investigation of blast wave impact on a surrogate head model. <i>Shock Waves</i> , 2021, 31, 481-498.	1.9	0