

# Deirdre E J Anderson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3761707/publications.pdf>

Version: 2024-02-01

16  
papers

415  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

622  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fucoidan functionalization on poly(vinyl alcohol) hydrogels for improved endothelialization and hemocompatibility. <i>Biomaterials</i> , 2020, 249, 120011.	11.4	67
2	In vitro and ex vivo hemocompatibility of off-the-shelf modified poly(vinyl alcohol) vascular grafts. <i>Acta Biomaterialia</i> , 2015, 25, 97-108.	8.3	65
3	Endothelial Cell Micropatterning: Methods, Effects, and Applications. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2329-2345.	2.5	60
4	Biomimetic modification of poly(vinyl alcohol): Encouraging endothelialization and preventing thrombosis with antiplatelet monotherapy. <i>Acta Biomaterialia</i> , 2019, 86, 291-299.	8.3	43
5	Extracellular matrix production and regulation in micropatterned endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 159-164.	2.1	34
6	One-Pot Covalent Grafting of Gelatin on Poly(Vinyl Alcohol) Hydrogel to Enhance Endothelialization and Hemocompatibility for Synthetic Vascular Graft Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 693-703.	4.6	26
7	Engineering an Endothelialized Vascular Graft: A Rational Approach to Study Design in a Non-Human Primate Model. <i>PLoS ONE</i> , 2014, 9, e115163.	2.5	25
8	Effect of Ethylene Oxide Sterilization on Polyvinyl Alcohol Hydrogel Compared with Gamma Radiation. <i>Tissue Engineering - Part A</i> , 2020, 26, 1077-1090.	3.1	18
9	Reactive Ion Plasma Modification of Poly(Vinyl Alcohol) Increases Primary Endothelial Cell Affinity and Reduces Thrombogenicity. <i>Macromolecular Bioscience</i> , 2018, 18, e1800132.	4.1	16
10	Improving Surgical Methods for Studying Vascular Grafts in Animal Models. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 457-464.	2.1	16
11	Thrombotic Responses of Endothelial Outgrowth Cells to Protein-Coated Surfaces. <i>Cells Tissues Organs</i> , 2014, 199, 238-248.	2.3	13
12	Luminal Plasma Treatment for Small Diameter Polyvinyl Alcohol Tubular Scaffolds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 117.	4.1	12
13	Bioconjugation of a Collagen-Mimicking Peptide Onto Poly(vinyl alcohol) Encourages Endothelialization While Minimizing Thrombosis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 621768.	4.1	10
14	<i>In vivo</i> assessment of two endothelialization approaches on bioprosthetic valves for the treatment of chronic deep venous insufficiency. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 1610-1621.	3.4	6
15	Quantifying Physical Thrombus Characteristics on Cardiovascular Biomaterials Using MicroCT. <i>Methods and Protocols</i> , 2020, 3, 29.	2.0	4
16	Vascular Graft Implantation Using a Bilateral End-to-Side Aortoiliac Preclinical Model. <i>Methods in Molecular Biology</i> , 2022, 2375, 203-215.	0.9	0