

# Helen E Wilcox

## 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.

17  
papers

816  
citations

13  
h-index

18  
g-index

18  
ext. papers

885  
ext. citations

3.4  
avg, IF

3.29  
L-index

#	Paper	IF	Citations
17	Tissue engineering of cardiac valve prostheses I: development and histological characterization of an acellular porcine scaffold. <i>Journal of Heart Valve Disease</i> , <b>2002</b> , 11, 457-62		144
16	Development and characterization of an acellular human pericardial matrix for tissue engineering. <i>Tissue Engineering</i> , <b>2006</b> , 12, 763-73		120
15	Tissue engineering of cardiac valve prostheses II: biomechanical characterization of decellularized porcine aortic heart valves. <i>Journal of Heart Valve Disease</i> , <b>2002</b> , 11, 463-71		97
14	The use of acellular matrices for the tissue engineering of cardiac valves. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , <b>2008</b> , 222, 129-43	1.7	74
13	Biocompatibility of acellular human pericardium. <i>Journal of Surgical Research</i> , <b>2007</b> , 143, 407-14	2.5	69
12	Comparison of the biomechanical tensile and compressive properties of decellularised and natural porcine meniscus. <i>Journal of Biomechanics</i> , <b>2015</b> , 48, 1389-96	2.9	47
11	Tissue engineering of cardiac valves: re-seeding of acellular porcine aortic valve matrices with human mesenchymal progenitor cells. <i>Journal of Heart Valve Disease</i> , <b>2005</b> , 14, 806-13		40
10	Development and characterization of acellular allogeneic arterial matrices. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 471-83	3.9	39
9	Regenerative potential of low-concentration SDS-decellularized porcine aortic valved conduits in vivo. <i>Tissue Engineering - Part A</i> , <b>2015</b> , 21, 332-42	3.9	38
8	In-vitro assessment of the functional performance of the decellularized intact porcine aortic root. <i>Journal of Heart Valve Disease</i> , <b>2005</b> , 14, 408-21; discussion 422		36
7	Decellularization and Characterization of Porcine Superflexor Tendon: A Potential Anterior Cruciate Ligament Replacement. <i>Tissue Engineering - Part A</i> , <b>2017</b> , 23, 124-134	3.9	29
6	Decellularization of human donor aortic and pulmonary valved conduits using low concentration sodium dodecyl sulfate. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2018</b> , 12, e841-e853	4.4	28
5	Biocompatibility and recellularization potential of an acellular porcine heart valve matrix. <i>Journal of Heart Valve Disease</i> , <b>2005</b> , 14, 228-36; discussion 236-7		27
4	Resolution of inflammatory acne vulgaris may involve regulation of CD4+ T-cell responses to Propionibacterium acnes. <i>British Journal of Dermatology</i> , <b>2007</b> , 156, 460-5	4	12
3	Assessment of the antimicrobial activity of acellular vascular grafts. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2012</b> , 43, 573-81	2.3	8
2	In vitro biomechanical and hydrodynamic characterisation of decellularised human pulmonary and aortic roots. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2018</b> , 79, 53-63	4.1	7
1	The effect of decellularisation on the real time mechanical fatigue of porcine aortic heart valve roots.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0265763	3.7	1

