John N Kearney

List of Publications by Citations

22 papers	1,174 citations	15 h-index	22 g-index
22 ext. papers	1,240 ext. citations	5.2 avg, IF	3.75 L-index

#	Paper	IF	Citations
22	Production of an acellular amniotic membrane matrix for use in tissue engineering. *Tissue Engineering*, **2006**, 12, 2117-29		183
21	Development and characterisation of a full-thickness acellular porcine bladder matrix for tissue engineering. *Biomaterials*, **2007**, 28, 1061-70	15.6	158
20	Tissue engineering of cardiac valve prostheses I: development and histological characterization of an acellular porcine scaffold. *Journal of Heart Valve Disease*, **2002**, 11, 457-62		144
19	Development and characterization of an acellular human pericardial matrix for tissue engineering. *Tissue Engineering*, **2006**, 12, 763-73		120
18	Tissue engineering of cardiac valve prostheses II: biomechanical characterization of decellularized porcine aortic heart valves. *Journal of Heart Valve Disease*, **2002**, 11, 463-71		97
17	The effect of amniotic membrane preparation method on its ability to serve as a substrate for the ex-vivo expansion of limbal epithelial cells. *Biomaterials*, **2009**, 30, 1056-65	15.6	94
16	Biocompatibility of acellular human pericardium. *Journal of Surgical Research*, **2007**, 143, 407-14	2.5	69
15	Guidelines on processing and clinical use of skin allografts. *Clinics in Dermatology*, **2005**, 23, 357-64	3	44
14	Use of peracetic acid to sterilize human donor skin for production of acellular dermal matrices for clinical use. *Wound Repair and Regeneration*, **2004**, 12, 276-87	3.6	44
13	Development of methods for studying the differentiation of human mesenchymal stem cells under cyclic compressive strain. *Tissue Engineering - Part C: Methods*, **2012**, 18, 252-62	2.9	42
12	Development and characterization of acellular allogeneic arterial matrices. *Tissue Engineering - Part A*, **2012**, 18, 471-83	3.9	39
11	In-vitro assessment of the functional performance of the decellularized intact porcine aortic root. *Journal of Heart Valve Disease*, **2005**, 14, 408-21; discussion 422		36
10	Development of a decellularised dermis. *Cell and Tissue Banking*, **2013**, 14, 465-74	2.2	29
9	Biocompatibility and recellularization potential of an acellular porcine heart valve matrix. *Journal of Heart Valve Disease*, **2005**, 14, 228-36; discussion 236-7		27
8	Banking of non-viable skin allografts using high concentrations of glycerol or propylene glycol. *Cell and Tissue Banking*, **2004**, 5, 3-21	2.2	20
7	The measurement of water activity in allogeneic skin grafts preserved using high concentration glycerol or propylene glycol. *Cell and Tissue Banking*, **2004**, 5, 37-44	2.2	13
6	Development and characterisation of a low-concentration sodium dodecyl sulphate decellularised porcine dermis. *Journal of Tissue Engineering*, **2017**, 8, 2041731417724011	7.5	9

List of Publications

5	Evaluation of Copper and Hydrogen Peroxide Treatments on the Biology, Biomechanics, and Cytotoxicity of Decellularized Dermal Allografts. *Tissue Engineering - Part C: Methods*, **2016**, 22, 290-300	2.9	5
4	Storage, Processing and Preservation **2010**, 95-107		1
3	Tissue Banking **2017**, 500-507		
2	Engineering of Human Tissue Grafts310-326		
1	Storage, Processing and Preservation **2021**, 93-107		