

# Thomas C Flanagan

## List of Publications by Year in descending order

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18  
papers

997  
citations

758635

12  
h-index

940134

16  
g-index

18  
all docs

18  
docs citations

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times ranked

1314  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Vivo</i> Remodeling and Structural Characterization of Fibrin-Based Tissue-Engineered Heart Valves in the Adult Sheep Model. <i>Tissue Engineering - Part A</i> , 2009, 15, 2965-2976.	1.6	149
2	The in vitro development of autologous fibrin-based tissue-engineered heart valves through optimised dynamic conditioning. <i>Biomaterials</i> , 2007, 28, 3388-3397.	5.7	138
3	A collagen-glycosaminoglycan co-culture model for heart valve tissue engineering applications. <i>Biomaterials</i> , 2006, 27, 2233-2246.	5.7	126
4	Fibrin-poly lactide-based tissue-engineered vascular graft in the arterial circulation. <i>Biomaterials</i> , 2010, 31, 4731-4739.	5.7	122
5	Tissue-Engineered Small-Caliber Vascular Graft Based on a Novel Biodegradable Composite Fibrin-Poly lactide Scaffold. <i>Tissue Engineering - Part A</i> , 2009, 15, 1909-1918.	1.6	98
6	Freeze-Drying as a Novel Biofabrication Method for Achieving a Controlled Microarchitecture within Large, Complex Natural Biomaterial Scaffolds. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700598.	3.9	84
7	Tranexamic Acid—An Alternative to Aprotinin in Fibrin-Based Cardiovascular Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2009, 15, 3645-3653.	1.6	67
8	Development of a Composite Degradable/Nondegradable Tissue-Engineered Vascular Graft. <i>Artificial Organs</i> , 2008, 32, 800-809.	1.0	50
9	Incorporation of fibrin into a collagen-glycosaminoglycan matrix results in a scaffold with improved mechanical properties and enhanced capacity to resist cell-mediated contraction. <i>Acta Biomaterialia</i> , 2015, 26, 205-214.	4.1	49
10	Electrospinning of biomimetic scaffolds for tissue-engineered vascular grafts: threading the path. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 815-832.	0.6	40
11	Biofunctionalized Microfiber-Assisted Formation of Intrinsic Three-Dimensional Capillary-Like Structures. <i>Tissue Engineering - Part A</i> , 2014, 20, 1858-1869.	1.6	25
12	Influence of Platelet-Derived Growth Factor-AB on Tissue Development in Autologous Platelet-Rich Plasma Gels. <i>Tissue Engineering - Part A</i> , 2011, 17, 1891-1899.	1.6	22
13	A biomimetic urethral model to evaluate urinary catheter lubricity and epithelial micro-trauma. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 108, 103792.	1.5	11
14	Fabrication of blood-derived elastogenic vascular grafts using electrospun fibrinogen and polycaprolactone composite scaffolds for paediatric applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1281-1295.	1.3	8
15	Harnessing topographical & biochemical cues to enhance elastogenesis by paediatric cells for cardiovascular tissue engineering applications. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 156-162.	1.0	4
16	Mechanical Properties of Tissue-Engineered Vascular Grafts: Response to Letter to the Editor. <i>Artificial Organs</i> , 2009, 33, 194-196.	1.0	3
17	HYBRID BIOMATERIALS FOR ENGINEERING VASCULAR TISSUES. , 2010 , 373-387.		1
18	Ovine Carotid Artery-Derived Cells as an Optimized Supportive Cell Layer in 2-D Capillary Network Assays. <i>PLoS ONE</i> , 2014, 9, e91664.	1.1	0