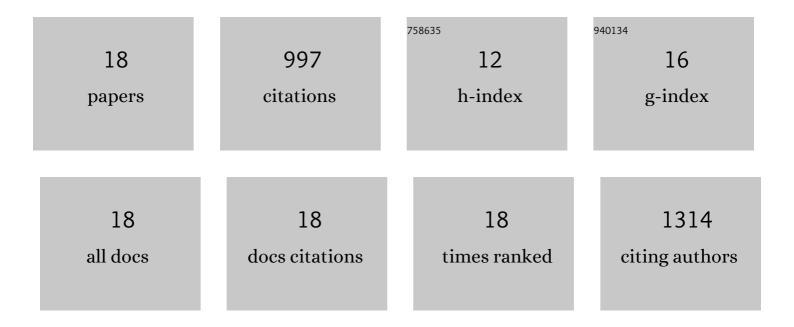
Thomas C Flanagan

List of Publications by Year in descending order

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