

Valentina Lintas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Endothelial Progenitor Cell-Based in vitro Pre-Endothelialization of Human Cell-Derived Biomimetic Regenerative Matrices for Next-Generation Transcatheter Heart Valves Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 867877.	4.1	5
2	Next-generation tissue-engineered heart valves with repair, remodelling and regeneration capacity. <i>Nature Reviews Cardiology</i> , 2021, 18, 92-116.	13.7	128
3	Differential Leaflet Remodeling of Bone-Marrow Cell Pre-Seeded Versus Nonseeded Bioresorbable Transcatheter Pulmonary Valve Replacements. <i>JACC Basic To Translational Science</i> , 2020, 5, 15-31.	4.1	32
4	Geometry influences inflammatory host cell response and remodeling in tissue-engineered heart valves in-vivo. <i>Scientific Reports</i> , 2020, 10, 19882.	3.3	22
5	Human cell-derived tissue-engineered heart valve with integrated Valsalva sinuses: towards native-like transcatheter pulmonary valve replacements. <i>Npj Regenerative Medicine</i> , 2019, 4, 14.	5.2	48
6	Off-the-shelf tissue engineered heart valves for in situ regeneration: current state, challenges and future directions. <i>Expert Review of Medical Devices</i> , 2018, 15, 35-45.	2.8	30
7	Development of an Off-the-Shelf Tissue-Engineered Sinus Valve for Transcatheter Pulmonary Valve Replacement: a Proof-of-Concept Study. <i>Journal of Cardiovascular Translational Research</i> , 2018, 11, 182-191.	2.4	34
8	Computational modeling guides tissue-engineered heart valve design for long-term in vivo performance in a translational sheep model. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	142
9	In situ heart valve tissue engineering using a bioresorbable elastomeric implant – From material design to 12 months follow-up in sheep. <i>Biomaterials</i> , 2017, 125, 101-117.	11.4	231