

# Laura Frese

## List of Publications by Year in descending order

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16  
papers

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1040056

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996975

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docs citations

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times ranked

1508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose Tissue-Derived Stem Cells in Regenerative Medicine. Transfusion Medicine and Hemotherapy, 2016, 43, 268-274.	1.6	308
2	Transcatheter Implantation of Homologous "Off-the-Shelf" Tissue-Engineered Heart Valves With Self-Repair Capacity. Journal of the American College of Cardiology, 2014, 63, 1320-1329.	2.8	170
3	Decellularized homologous tissue-engineered heart valves as off-the-shelf alternatives to xeno- and homografts. Biomaterials, 2012, 33, 4545-4554.	11.4	147
4	Computational modeling guides tissue-engineered heart valve design for long-term in vivo performance in a translational sheep model. Science Translational Medicine, 2018, 10, .	12.4	142
5	Stem Cell-Based Transcatheter Aortic Valve Implantation. JACC: Cardiovascular Interventions, 2012, 5, 874-883.	2.9	66
6	Heart Valve Replacements with Regenerative Capacity. Transfusion Medicine and Hemotherapy, 2016, 43, 282-290.	1.6	29
7	<i>In vitro</i> fabrication of autologous living tissue-engineered vascular grafts based on prenatally harvested ovine amniotic fluid-derived stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, 52-70.	2.7	26
8	Percutaneous pulmonary valve replacement using completely tissue-engineered off-the-shelf heart valves: six-month in vivo functionality and matrix remodelling in sheep. EuroIntervention, 2016, 12, 62-70.	3.2	26
9	Geometry influences inflammatory host cell response and remodeling in tissue-engineered heart valves in-vivo. Scientific Reports, 2020, 10, 19882.	3.3	22
10	Are adipose-derived stem cells cultivated in human platelet lysate suitable for heart valve tissue engineering?. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2193-2203.	2.7	7
11	Puncturing of lyophilized tissue engineered vascular matrices enhances the efficiency of their recellularization. Acta Biomaterialia, 2018, 71, 474-485.	8.3	4
12	Thermal conditioning improves quality and speed of keratinocyte sheet production for burn wound treatment. Cytotherapy, 2021, 23, 536-547.	0.7	3
13	Optimizing large-scale autologous human keratinocyte sheets for major burns "Toward an animal-free production and a more accessible clinical application. Health Science Reports, 2022, 5, e449.	1.5	3
14	Surgical technique: establishing a pre-clinical large animal model to test aortic valve leaflet substitute. Journal of Thoracic Disease, 2016, 8, 3733-3738.	1.4	2
15	Lipoconstruct surface topography grating size influences vascularization onset in the dorsal skinfold chamber model. Acta Biomaterialia, 2020, 106, 136-144.	8.3	2
16	Marrow Stromal Cell based Stem Cell Based Transcatheter Aortic Valve Implantation: First Experiences in a Preclinical Model. , 2012, , .		0