

Pim J A Oomen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

167
citations

1307366

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1474057

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11
docs citations

11
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Dependent Changes in Geometry, Tissue Composition and Mechanical Properties of Fetal to Adult Cryopreserved Human Heart Valves. PLoS ONE, 2016, 11, e0149020.	1.1	48
2	Treatment of transverse patellar fractures: a comparison between metallic and non-metallic implants. British Medical Bulletin, 2013, 107, 69-85.	2.7	27
3	A High-Fidelity and Micro-anatomically Accurate 3D Finite Element Model for Simulations of Functional Mitral Valve. Lecture Notes in Computer Science, 2013, 7945, 416-424.	1.0	23
4	Growth and remodeling play opposing roles during postnatal human heart valve development. Scientific Reports, 2018, 8, 1235.	1.6	18
5	Biomechanical studies on transverse olecranon and patellar fractures: a systematic review with the development of a new scoring method. British Medical Bulletin, 2013, 108, 131-157.	2.7	15
6	A Bioreactor to Identify the Driving Mechanical Stimuli of Tissue Growth and Remodeling. Tissue Engineering - Part C: Methods, 2017, 23, 377-387.	1.1	14
7	Initial scaffold thickness affects the emergence of a geometrical and mechanical equilibrium in engineered cardiovascular tissues. Journal of the Royal Society Interface, 2018, 15, 20180359.	1.5	8
8	Current techniques for management of transverse displaced olecranon fractures. Muscles, Ligaments and Tendons Journal, 2015, 5, 129-40.	0.1	7
9	A rapid electromechanical model to predict reverse remodeling following cardiac resynchronization therapy. Biomechanics and Modeling in Mechanobiology, 2022, 21, 231-247.	1.4	7
10	A High Fidelity, Micro-Structural and Anatomically Accurate 3D Finite Element Model for Functioning Heart Mitral Valve. , 2013, , .		0