

Benyamin Rahmani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6253717/publications.pdf>

Version: 2024-02-01

11
papers

324
citations

1040056

9
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufacturing and hydrodynamic assessment of a novel aortic valve made of a new nanocomposite polymer. <i>Journal of Biomechanics</i> , 2012, 45, 1205-1211.	2.1	85
2	Anatomically realistic ultrasound phantoms using gel wax with 3D printed moulds. <i>Physics in Medicine and Biology</i> , 2018, 63, 015033.	3.0	52
3	3D printing assisted finite element analysis for optimising the manufacturing parameters of a lumbar fusion cage. <i>Materials and Design</i> , 2019, 163, 107540.	7.0	40
4	A Synergistic Relationship between Polycaprolactone and Natural Polymers Enhances the Physical Properties and Biological Activity of Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13587-13597.	8.0	34
5	Physical equivalency of wild type and galactose $\hat{\pm}$ 1,3 galactose free porcine pericardium; a new source material for bioprosthetic heart valves. <i>Acta Biomaterialia</i> , 2016, 41, 204-209.	8.3	28
6	In Vitro Hydrodynamic Assessment of a New Transcatheter Heart Valve Concept (the TRISKELE). <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 104-115.	2.4	28
7	A Durable Porcine Pericardial Surgical Bioprosthetic Heart Valve: a Proof of Concept. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 331-337.	2.4	21
8	Three dimensional porous scaffolds derived from collagen, elastin and fibrin proteins orchestrate adipose tissue regeneration. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110192.	5.5	20
9	A new transcatheter heart valve concept (the TRISKELE): feasibility in an acute preclinical model. <i>EuroIntervention</i> , 2016, 12, 901-908.	3.2	13
10	Heart Valves, Polymeric: Biocompatibility. , 0, , 3713-3721.		3
11	Polymeric Heart Valves. , 2020, , 1-10.		0