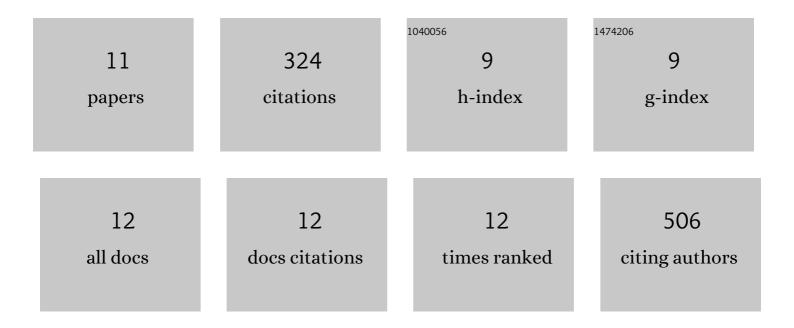
Benyamin Rahmani

List of Publications by Year in descending order

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RENVAMIN RAHMANI

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