

Erin G Roberts

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1909732/publications.pdf>

Version: 2024-02-01

9
papers

150
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Silk Fiber Mechanical Properties through Multiscale Simulation and Protein Design. ACS Biomaterials Science and Engineering, 2017, 3, 1542-1556.	5.2	32
2	Design Approaches to Myocardial and Vascular Tissue Engineering. Annual Review of Biomedical Engineering, 2017, 19, 389-414.	12.3	30
3	Fabrication and Characterization of Recombinant Silk-Elastin-Like-Protein (SELP) Fiber. Macromolecular Bioscience, 2018, 18, e1800265.	4.1	26
4	Engineering Myocardial Tissue Patches with Hierarchical Structure-Function. Annals of Biomedical Engineering, 2015, 43, 762-773.	2.5	20
5	Surgical reconstruction of semilunar valves in the growing child: Should we mimic the venous valve? A simulation study. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 389-396.	0.8	16
6	Evaluation of Placental Mesenchymal Stem Cell Sheets for Myocardial Repair and Regeneration. Tissue Engineering - Part A, 2019, 25, 867-877.	3.1	13
7	Development of a bio-MEMS device for electrical and mechanical conditioning and characterization of cell sheets for myocardial repair. Biotechnology and Bioengineering, 2019, 116, 3098-3111.	3.3	8
8	Expandable Valve for Pediatric Application Constructed From Human Venous Valved Conduit Within a Stent. Annals of Thoracic Surgery, 2015, 100, 2320-2324.	1.3	5
9	Ultra-compliant Indwelling Elastomer Balloons Improve Stability and Performance of Bioengineered Human Mini-Hearts. Advanced Engineering Materials, 0, , .	3.5	0