

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