

Ron Feiner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10730288/publications.pdf>

Version: 2024-02-01

19
papers

2,017
citations

623734

14
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

3561
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Tissue-electronics interfaces: from implantable devices to engineered tissues. Nature Reviews Materials, 2018, 3, . | 48.7 | 372 |
| 2 | Engineered hybrid cardiac patches with multifunctional electronics for online monitoring and regulation of tissue function. Nature Materials, 2016, 15, 679-685. | 27.5 | 363 |
| 3 | A new perspective on lysogeny: prophages as active regulatory switches of bacteria. Nature Reviews Microbiology, 2015, 13, 641-650. | 28.6 | 357 |
| 4 | Gold Nanoparticle-Integrated Scaffolds for Tissue Engineering and Regenerative Medicine. Nano Letters, 2019, 19, 2198-2206. | 9.1 | 153 |
| 5 | Nanoengineering gold particle composite fibers for cardiac tissue engineering. Journal of Materials Chemistry B, 2013, 1, 5210. | 5.8 | 130 |
| 6 | Coiled fiber scaffolds embedded with gold nanoparticles improve the performance of engineered cardiac tissues. Nanoscale, 2014, 6, 9410-9414. | 5.6 | 129 |
| 7 | Modular assembly of thick multifunctional cardiac patches. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1898-1903. | 7.1 | 126 |
| 8 | Spring-like fibers for cardiac tissue engineering. Biomaterials, 2013, 34, 8599-8606. | 11.4 | 108 |
| 9 | Electrospun Fibrous PVDF-TrFe Scaffolds for Cardiac Tissue Engineering, Differentiation, and Maturation. Advanced Materials Technologies, 2020, 5, 1900820. | 5.8 | 68 |
| 10 | Multifunctional degradable electronic scaffolds for cardiac tissue engineering. Journal of Controlled Release, 2018, 281, 189-195. | 9.9 | 58 |
| 11 | A Stretchable and Flexible Cardiac Tissue-Electronics Hybrid Enabling Multiple Drug Release, Sensing, and Stimulation. Small, 2019, 15, e1805526. | 10.0 | 52 |
| 12 | Three-dimensional electronic scaffolds for monitoring and regulation of multifunctional hybrid tissues. Extreme Mechanics Letters, 2020, 35, 100634. | 4.1 | 38 |
| 13 | Cutting-edge platforms in cardiac tissue engineering. Current Opinion in Biotechnology, 2017, 47, 23-29. | 6.6 | 26 |
| 14 | Engineering Smart Hybrid Tissues with Built-In Electronics. IScience, 2020, 23, 100833. | 4.1 | 16 |
| 15 | Cardiac tissue engineering: from matrix design to the engineering of bionic hearts. Regenerative Medicine, 2017, 12, 275-284. | 1.7 | 11 |
| 16 | Scaffolds for tissue engineering of functional cardiac muscle. , 2019, , 685-703. | | 4 |
| 17 | A ray of light for treating cardiac conduction disorders. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 347-349. | 7.1 | 3 |
| 18 | Soft and fibrous multiplexed biosensors. Nature Biomedical Engineering, 2020, 4, 135-136. | 22.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | An electromechanical hug for the failing heart. <i>Annals of Translational Medicine</i> , 2016, 4, 412-412. | 1.7 | 0 |