

Rajeswari Ravichandran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11820238/publications.pdf>

Version: 2024-02-01

22
papers

1,963
citations

331259

21
h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

3565
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Elastomeric Core/Shell Nanofibrous Cardiac Patch as a Biomimetic Support for Infarcted Porcine Myocardium. <i>Tissue Engineering - Part A</i> , 2015, 21, 1288-1298. | 1.6 | 40 |
| 2 | Gold Nanoparticle Loaded Hybrid Nanofibers for Cardiogenic Differentiation of Stem Cells for Infarcted Myocardium Regeneration. <i>Macromolecular Bioscience</i> , 2014, 14, 515-525. | 2.1 | 102 |
| 3 | Mimicking Native Extracellular Matrix with Phytic Acid-Crosslinked Protein Nanofibers for Cardiac Tissue Engineering. <i>Macromolecular Bioscience</i> , 2013, 13, 366-375. | 2.1 | 59 |
| 4 | Electrospun inorganic and polymer composite nanofibers for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 365-385. | 1.9 | 64 |
| 5 | Click chemistry approach for fabricating PVA/gelatin nanofibers for the differentiation of ADSCs to keratinocytes. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 2863-2871. | 1.7 | 25 |
| 6 | Mimicking Nanofibrous Hybrid Bone Substitute for Mesenchymal Stem Cells Differentiation into Osteogenesis. <i>Macromolecular Bioscience</i> , 2013, 13, 696-706. | 2.1 | 44 |
| 7 | Expression of cardiac proteins in neonatal cardiomyocytes on PGS/fibrinogen core/shell substrate for Cardiac tissue engineering. <i>International Journal of Cardiology</i> , 2013, 167, 1461-1468. | 0.8 | 81 |
| 8 | Buckled structures and 5-azacytidine enhance cardiogenic differentiation of adipose-derived stem cells. <i>Nanomedicine</i> , 2013, 8, 1985-1997. | 1.7 | 18 |
| 9 | Cardiogenic differentiation of mesenchymal stem cells on elastomeric poly (glycerol) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 42 0.5 61 | | |
| 10 | Minimally invasive injectable short nanofibers of poly(glycerol sebacate) for cardiac tissue engineering. <i>Nanotechnology</i> , 2012, 23, 385102. | 1.3 | 92 |
| 11 | Composite poly-L-lactic acid/poly-(L,L ²)-dl-aspartic acid/collagen nanofibrous scaffolds for dermal tissue regeneration. <i>Materials Science and Engineering C</i> , 2012, 32, 1443-1451. | 3.8 | 36 |
| 12 | Biomimetic surface modification of titanium surfaces for early cell capture by advanced electrospinning. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 015001. | 1.7 | 78 |
| 13 | Biomaterial strategies for alleviation of myocardial infarction. <i>Journal of the Royal Society Interface</i> , 2012, 9, 1-19. | 1.5 | 186 |
| 14 | Minimally invasive cell-seeded biomaterial systems for injectable/epicardial implantation in ischemic heart disease. <i>International Journal of Nanomedicine</i> , 2012, 7, 5969. | 3.3 | 33 |
| 15 | Precipitation of nanohydroxyapatite on PLLA/PBLG/Collagen nanofibrous structures for the differentiation of adipose derived stem cells to osteogenic lineage. <i>Biomaterials</i> , 2012, 33, 846-855. | 5.7 | 220 |
| 16 | Advances in Polymeric Systems for Tissue Engineering and Biomedical Applications. <i>Macromolecular Bioscience</i> , 2012, 12, 286-311. | 2.1 | 157 |
| 17 | Poly(Glycerol Sebacate)/Gelatin Core/Shell Fibrous Structure for Regeneration of Myocardial Infarction. <i>Tissue Engineering - Part A</i> , 2011, 17, 1363-1373. | 1.6 | 121 |
| 18 | Elastomeric electrospun scaffolds of poly(L-lactide-co-trimethylene carbonate) for myocardial tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1689-1699. | 1.7 | 41 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Evaluation of the Biocompatibility of PLACL/Collagen Nanostructured Matrices with Cardiomyocytes as a Model for the Regeneration of Infarcted Myocardium. <i>Advanced Functional Materials</i> , 2011, 21, 2291-2300. | 7.8 | 64 |
| 20 | Applications of conducting polymers and their issues in biomedical engineering. <i>Journal of the Royal Society Interface</i> , 2010, 7, S559-79. | 1.5 | 329 |
| 21 | Multimodal biomaterial strategies for regeneration of infarcted myocardium. <i>Journal of Materials Chemistry</i> , 2010, 20, 8819. | 6.7 | 23 |
| 22 | Effects of nanotopography on stem cell phenotypes. <i>World Journal of Stem Cells</i> , 2009, 1, 55. | 1.3 | 77 |