

Emel Sokullu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

554
citations

840776

11
h-index

713466

21
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23
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23
docs citations

23
times ranked

724
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 3D-printed microneedles in biomedical applications. <i>IScience</i> , 2021, 24, 102012. | 4.1 | 113 |
| 2 | Exosomes and their Application in Biomedical Field: Difficulties and Advantages. <i>Molecular Neurobiology</i> , 2018, 55, 3372-3393. | 4.0 | 91 |
| 3 | Cardioprotective role of extracellular vesicles: A highlight on exosome beneficial effects in cardiovascular diseases. <i>Journal of Cellular Physiology</i> , 2019, 234, 21732-21745. | 4.1 | 59 |
| 4 | Low-level laser irradiation at a high power intensity increased human endothelial cell exosome secretion via Wnt signaling. <i>Lasers in Medical Science</i> , 2018, 33, 1131-1145. | 2.1 | 50 |
| 5 | Alginate-gelatin encapsulation of human endothelial cells promoted angiogenesis in in vivo and in vitro milieu. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2920-2930. | 3.3 | 43 |
| 6 | Applications, challenges and prospects of mesenchymal stem cell exosomes in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2021, 12, 521. | 5.5 | 43 |
| 7 | Treatment of cancer stem cells from human colon adenocarcinoma cell line HT-29 with resveratrol and sulindac induced mesenchymal-endothelial transition rate. <i>Cell and Tissue Research</i> , 2019, 376, 377-388. | 2.9 | 29 |
| 8 | An Examination of the Putative Role of Melatonin in Exosome Biogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686551. | 3.7 | 23 |
| 9 | Application of microneedle patches for drug delivery; doorstep to novel therapies. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142210853. | 5.5 | 19 |
| 10 | Preclinical Experimental Applications of miRNA Loaded BMSC Extracellular Vesicles. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 471-501. | 3.8 | 13 |
| 11 | Estradiol modulated colorectal cancer stem cells bioactivity and interaction with endothelial cells. <i>Life Sciences</i> , 2020, 257, 118078. | 4.3 | 12 |
| 12 | Oxidation Behavior of C- and Au-Ion-Implanted Biodegradable Polymers. <i>IEEE Transactions on Plasma Science</i> , 2012, 40, 863-869. | 1.3 | 11 |
| 13 | Mitochondrial donation in translational medicine; from imagination to reality. <i>Journal of Translational Medicine</i> , 2020, 18, 367. | 4.4 | 11 |
| 14 | Does the Global Outbreak of COVID-19 or Other Viral Diseases Threaten the Stem Cell Reservoir Inside the Body?. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 214-230. | 3.8 | 11 |
| 15 | Cytoprotective and cytofunctional effect of polyanionic polysaccharide alginate and gelatin microspheres on rat cardiac cells. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 969-976. | 7.5 | 9 |
| 16 | Application of exosomes for the alleviation of COVID-19-related pathologies. <i>Cell Biochemistry and Function</i> , 2022, 40, 430-438. | 2.9 | 7 |
| 17 | Activation of toll-like receptor signaling in endothelial progenitor cells dictates angiogenic potential: from hypothesis to actual state. <i>Cell and Tissue Research</i> , 2021, 384, 389-401. | 2.9 | 4 |
| 18 | Surface characterization and biodegradation behavior of magnesium implanted poly(l) Tj ETQq0 0 0 rgBT /Overlock 1,4 Tf 50,62 Td (-lact | 1.4 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Distinct chemical composition and enzymatic treatment induced human endothelial cells survival in acellular ovine aortae. BMC Research Notes, 2021, 14, 126. | 1.4 | 2 |
| 20 | Toll-like receptors in the functional orientation of cardiac progenitor cells. Journal of Cellular Physiology, 2019, 234, 19451-19463. | 4.1 | 1 |
| 21 | A compartmental 3D scaffold fabrication and alignment device for neurovascular co-culture and tri-culture. Biomedical Physics and Engineering Express, 2019, 5, 035034. | 1.2 | 1 |
| 22 | Optogenetic strategies for the treatment of neurodegenerative diseases. Anatomy, 2015, 9, 177-181. | 0.2 | 0 |