

Hojjat Naderi-Meshkin

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,412
citations

361045

20
h-index

344852

36
g-index

64
all docs

64
docs citations

64
times ranked

2710
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Review paper: Critical Issues in Tissue Engineering: Biomaterials, Cell Sources, Angiogenesis, and Drug Delivery Systems. <i>Journal of Biomaterials Applications</i> , 2011, 26, 383-417. | 1.2 | 234 |
| 2 | Chitosan-based injectable hydrogel as a promising in situ forming scaffold for cartilage tissue engineering. <i>Cell Biology International</i> , 2014, 38, 72-84. | 1.4 | 113 |
| 3 | Strategies to improve homing of mesenchymal stem cells for greater efficacy in stem cell therapy. <i>Cell Biology International</i> , 2015, 39, 23-34. | 1.4 | 100 |
| 4 | Surface modification of electrospun PLGA scaffold with collagen for bioengineered skin substitutes. <i>Materials Science and Engineering C</i> , 2016, 66, 130-137. | 3.8 | 89 |
| 5 | Nano-hydroxyapatite-alginate-gelatin microcapsule as a potential osteogenic building block for modular bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 97, 67-77. | 3.8 | 61 |
| 6 | PGA-incorporated collagen: Toward a biodegradable composite scaffold for bone-tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2020-2028. | 2.1 | 55 |
| 7 | Injectable hydrogel delivery plus preconditioning of mesenchymal stem cells: exploitation of SDF-1/CXCR4 axis toward enhancing the efficacy of stem cells' homing. <i>Cell Biology International</i> , 2016, 40, 730-741. | 1.4 | 53 |
| 8 | Toward Community Standards and Software for Whole-Cell Modeling. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2007-2014. | 2.5 | 51 |
| 9 | Exosomal lncRNAs and cancer: connecting the missing links. <i>Bioinformatics</i> , 2019, 35, 352-360. | 1.8 | 51 |
| 10 | Bone defect healing is induced by collagen sponge/polyglycolic acid. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 33. | 1.7 | 49 |
| 11 | Regeneration and Repair of Skin Wounds: Various Strategies for Treatment. <i>International Journal of Lower Extremity Wounds</i> , 2019, 18, 247-261. | 0.6 | 46 |
| 12 | Synthesis and characterization of PLGA/collagen composite scaffolds as skin substitute produced by electrospinning through two different approaches. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 14. | 1.7 | 31 |
| 13 | The Intricate Interplay between Epigenetic Events, Alternative Splicing and Noncoding RNA Deregulation in Colorectal Cancer. <i>Cells</i> , 2019, 8, 929. | 1.8 | 28 |
| 14 | Supportive properties of basement membrane layer of human amniotic membrane enable development of tissue engineering applications. <i>Cell and Tissue Banking</i> , 2018, 19, 357-371. | 0.5 | 26 |
| 15 | MicroRNA-499a-5p Promotes Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells to Cardiomyocytes. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 245-255. | 1.4 | 26 |
| 16 | Adipose tissue-derived mesenchymal stem cells and keratinocytes co-culture on gelatin/chitosan/β-glycerol phosphate nanoscaffold in skin regeneration. <i>Cell Biology International</i> , 2019, 43, 1365-1378. | 1.4 | 26 |
| 17 | Application of mesenchymal stem cells to enhance non-union bone fracture healing. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 301-311. | 2.1 | 26 |
| 18 | Chemokine Receptors Expression in MSCs: Comparative Analysis in Different Sources and Passages. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 605-615. | 1.6 | 25 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Mesenchymal stem cell based therapy for osteoâ€diseases. <i>Cell Biology International</i> , 2014, 38, 1081-1085. | 1.4 | 22 |
| 20 | Effect of bioactive glass nanoparticles on biological properties of PLGA/collagen scaffold. <i>Progress in Biomaterials</i> , 2018, 7, 111-119. | 1.8 | 22 |
| 21 | Long bone mesenchymal stem cells (Lb-MSCs): clinically reliable cells for osteo-diseases. <i>Cell and Tissue Banking</i> , 2017, 18, 489-500. | 0.5 | 20 |
| 22 | The RNA world in the 21st centuryâ€”a systems approach to finding non-coding keys to clinical questions. <i>Briefings in Bioinformatics</i> , 2016, 17, 380-392. | 3.2 | 19 |
| 23 | Berberine suppresses migration of MCF-7 breast cancer cells through down-regulation of chemokine receptors. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 125-31. | 1.0 | 18 |
| 24 | The Endocrine Regulation of Stem Cells: Physiological Importance and Pharmacological Potentials for Cell-Based Therapy. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 19-34. | 0.6 | 17 |
| 25 | Overexpression of MicroRNA-148b-3p stimulates osteogenesis of human bone marrow-derived mesenchymal stem cells: the role of MicroRNA-148b-3p in osteogenesis. <i>BMC Medical Genetics</i> , 2019, 20, 117. | 2.1 | 17 |
| 26 | Hybrid chitosanâ€”glycerol phosphateâ€”gelatin nanoâ€”micro fibrous scaffolds with suitable mechanical and biological properties for tissue engineering. <i>Biopolymers</i> , 2016, 105, 163-175. | 1.2 | 16 |
| 27 | Cancer metastasis versus stem cell homing: Role of platelets. <i>Journal of Cellular Physiology</i> , 2018, 233, 9167-9178. | 2.0 | 15 |
| 28 | Cardiomyogenic differentiation of human adiposeâ€”derived mesenchymal stem cells transduced with Tbx20 â€”encoding lentiviral vectors. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6146-6153. | 1.2 | 14 |
| 29 | Cancer statistics in Iran: Towards finding priority for prevention and treatment. <i>The Cancer Press</i> , 2017, 3, 27. | 0.1 | 12 |
| 30 | Standardized <i>Sophora pachycarpa</i> Root Extract Enhances Osteogenic Differentiation in Adiposeâ€”derived Human Mesenchymal Stem Cells. <i>Phytotherapy Research</i> , 2017, 31, 792-800. | 2.8 | 10 |
| 31 | Using paracrine effects of Ad-MSCs on keratinocyte cultivation and fabrication of epidermal sheets for improving clinical applications. <i>Cell and Tissue Banking</i> , 2018, 19, 531-547. | 0.5 | 10 |
| 32 | The effect of adrenocorticotrophic hormone on alphaâ€”2â€”macroglobulin in osteoblasts derived from human mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4784-4790. | 1.6 | 10 |
| 33 | Endothelial Cells Derived From Patients With Diabetic Macular Edema Recapitulate Clinical Evaluations of Anti-VEGF Responsiveness Through the Neuronal Pentraxin 2 Pathway. <i>Diabetes</i> , 2020, 69, 2170-2185. | 0.3 | 9 |
| 34 | effects of allogeneic mesenchymal stem cells in a rat model of acute ischemic kidney injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 824-831. | 1.0 | 9 |
| 35 | Enhanced biological properties of collagen/chitosan-coated poly(ϵ -caprolactone) scaffold by surface modification with GHK-Cu peptide and 58S bioglass. <i>Progress in Biomaterials</i> , 2020, 9, 25-34. | 1.8 | 8 |
| 36 | Chemically primed bone-marrow derived mesenchymal stem cells show enhanced expression of chemokine receptors contributed to their migration capability. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 14-9. | 1.0 | 8 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Augmented migration of mesenchymal stem cells correlates with the subsidiary CXCR4 variant. <i>Cell Adhesion and Migration</i> , 2018, 12, 1-9. | 1.1 | 7 |
| 38 | Cardiogenic effects of characterized <i>Geum urbanum</i> extracts on adipose-derived human mesenchymal stem cells. <i>Biochemistry and Cell Biology</i> , 2018, 96, 610-618. | 0.9 | 7 |
| 39 | Adipocyte lineage differentiation potential of MSCs isolated from reaming material. <i>Journal of Cellular Physiology</i> , 2019, 234, 20066-20071. | 2.0 | 7 |
| 40 | Stem Cell Therapy for Neurodegenerative Diseases: Strategies for Regeneration against Degeneration. <i>Cell Therapy and Regenerative Medicine Journal</i> , 2016, 1, 3. | 0.0 | 7 |
| 41 | Induction of tenogenic differentiation of equine adipose-derived mesenchymal stem cells by platelet-derived growth factor-BB and growth differentiation factor-6. <i>Molecular Biology Reports</i> , 2020, 47, 6855-6862. | 1.0 | 6 |
| 42 | Comparison the effects of hypoxia-mimicking agents on migration-related signaling pathways in mesenchymal stem cells. <i>Cell and Tissue Banking</i> , 2020, 21, 643-653. | 0.5 | 6 |
| 43 | Differentiation of human adipose-derived mesenchymal stem cells toward tenocyte by platelet-derived growth factor-BB and growth differentiation factor-6. <i>Cell and Tissue Banking</i> , 2022, 23, 237-246. | 0.5 | 5 |
| 44 | T-Box20 inhibits osteogenic differentiation in adipose-derived human mesenchymal stem cells: the role of T-Box20 on osteogenesis. <i>Journal of Biological Research</i> , 2019, 26, 8. | 2.2 | 4 |
| 45 | CRISPR/Cas9 mediated GFP-human dentin matrix protein 1 (DMP1) promoter knock-in at the ROSA26 locus in mesenchymal stem cell for monitoring osteoblast differentiation. <i>Journal of Gene Medicine</i> , 2020, 22, e3288. | 1.4 | 3 |
| 46 | Critical Issues in Successful Production of Skin Substitutes for Wound Healing. <i>Cell Therapy and Regenerative Medicine Journal</i> , 2016, 1, 38. | 0.0 | 3 |
| 47 | Cytotoxicity and biocompatibility evaluation of chitosan-beta glycerol phosphate-hydroxyethyl cellulose hydrogel on adult rat liver for cell-based therapeutic applications. <i>International Journal of Biomedical Engineering and Technology</i> , 2013, 12, 228. | 0.2 | 2 |
| 48 | Stem Cell Therapy for Neurodegenerative Diseases: Strategies for Regeneration against Degeneration. <i>Journal of Genes and Cells</i> , 0, 3, 22. | 1.0 | 2 |
| 49 | Osteogenic lineage differentiation potential of long bone mesenchymal stem cells after crypreservation. <i>Cytotherapy</i> , 2018, 20, S29. | 0.3 | 1 |
| 50 | Commercialization of Stem Cell Therapeutic Research: Bridging a Big Gap. <i>Journal of Genes and Cells</i> , 2015, 1, 40. | 1.0 | 1 |
| 51 | Genetically Modified Human Adipose-Derived Mesenchymal Stem Cells Overexpressing CXCR4R334X, a Hyper Functional Mutant Receptor, Display Enhanced Migration. <i>Cytotherapy</i> , 2016, 18, S20. | 0.3 | 0 |
| 52 | Overexpression of Chemokine Receptors on Neural Stem Cells Pretreated with Valproic acid: Towards Improved Homing. <i>Cell Therapy and Regenerative Medicine Journal</i> , 2016, 1, 98. | 0.0 | 0 |
| 53 | Critical Issues in Successful Production of Skin Substitutes for Wound Healing. <i>Journal of Genes and Cells</i> , 0, 4, 10. | 1.0 | 0 |
| 54 | Overexpression of Chemokine Receptors on Neural Stem Cells Pretreated with Valproic acid: Towards Improved Homing. <i>Journal of Genes and Cells</i> , 0, 4, 33. | 1.0 | 0 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Optimizing Lipofectamine LTX Complex and G-418 Concentration for Improvement of Transfection Efficiency in Human Mesenchymal Stem Cells.. Archives of Razi Institute, 2021, 76, 1315-1325. | 0.4 | 0 |