Mahetab H Amer

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Designing topographically textured microparticles for induction and modulation of osteogenesis in mesenchymal stem cell engineering. Biomaterials, 2021, 266, 120450. | 11.4 | 27 |
| 2 | Discovery of synergistic material-topography combinations to achieve immunomodulatory osteoinductive biomaterials using a novel in vitro screening method: The ChemoTopoChip. Biomaterials, 2021, 271, 120740. | 11.4 | 20 |
| 3 | Bioactivity and anthocyanin content of microwave-assisted subcritical water extracts of Manipur black rice (Chakhao) bran and straw. Future Foods, 2021, 3, 100030. | 5.4 | 30 |
| 4 | Embracing Mechanobiology in Next Generation Organ-On-A-Chip Models of Bone Metastasis. Frontiers in Medical Technology, 2021, 3, 722501. | 2.5 | 9 |
| 5 | Mixed polymer and bioconjugate core/shell electrospun fibres for biphasic protein release. Journal of Materials Chemistry B, 2021, 9, 4120-4133. | 5.8 | 10 |
| 6 | Cyclo(RGDfK) Functionalized Spider Silk Cell Scaffolds: Significantly Improved Performance in Just One Click. Macromolecular Bioscience, 2020, 20, e2000255. | 4.1 | 6 |
| 7 | Genetically-programmed, mesenchymal stromal cell-laden & mechanically strong 3D bioprinted scaffolds for bone repair. Journal of Controlled Release, 2020, 325, 335-346. | 9.9 | 25 |
| 8 | Bioinspired Precision Engineering of Threeâ€Đimensional Epithelial Stem Cell Microniches. Advanced Biology, 2020, 4, e2000016. | 3.0 | 10 |
| 9 | A thermoresponsive three-dimensional fibrous cell culture platform for enzyme-free expansion of mammalian cells. Acta Biomaterialia, 2019, 95, 427-438. | 8.3 | 10 |
| 10 | Polymer Microparticles with Defined Surface Chemistry and Topography Mediate the Formation of Stem Cell Aggregates and Cardiomyocyte Function. ACS Applied Materials & Interfaces, 2019, 11, 34560-34574. | 8.0 | 25 |
| 11 | A biomaterials approach to influence stem cell fate in injectable cell-based therapies. Stem Cell Research and Therapy, 2018, 9, 39. | 5.5 | 28 |
| 12 | Decellularized bone extracellular matrix and human dental pulp stem cells as a construct for bone regeneration. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 730-748. | 3.5 | 77 |
| 13 | Translational considerations in injectable cell-based therapeutics for neurological applications: concepts, progress and challenges. Npj Regenerative Medicine, 2017, 2, 23. | 5.2 | 117 |
| 14 | A Detailed Assessment of Varying Ejection Rate on Delivery Efficiency of Mesenchymal Stem Cells Using Narrow-Bore Needles. Stem Cells Translational Medicine, 2016, 5, 366-378. | 3.3 | 24 |
| 15 | The effect of injection using narrow-bore needles on mammalian cells: administration and formulation considerations for cell therapies. Journal of Pharmacy and Pharmacology, 2015, 67, 640-650. | 2.4 | 70 |
| 16 | Development and Validation of a High-Performance Liquid Chromatography Method for Standardization of the Bioactive Ethyl Acetate Fraction of Alstonia scholaris (Linn.) R. Br. Growing in Egypt. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 0376. | 1.4 | 1 |
| 17 | Development and Validation of a High-Performance Liquid Chromatography Method for Standardization of the Bioactive Ethyl Acetate Fraction of Alstonia scholaris (Linn.) R. Br. Growing in Egypt. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 376-383. | 1.4 | 1 |
| 18 | Development and validation of a high-performance liquid chromatography method for standardization of the bioactive ethyl acetate fraction of Alstonia scholaris (Linn.) R. Br. growing in Egypt. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 376-83. | 1.4 | 0 |

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|----|--|-----|-----------|
| 19 | Bioguided isolation of pentacyclic triterpenes from the leaves of <i>Alstonia scholaris</i> (Linn.) R. Br. growing in Egypt. Natural Product Research, 2012, 26, 1755-1758. | 1.8 | 18 |