

# Mahetab H Amer

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

509  
citations

949033

11  
h-index

939365

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing topographically textured microparticles for induction and modulation of osteogenesis in mesenchymal stem cell engineering. <i>Biomaterials</i> , 2021, 266, 120450.	5.7	27
2	Discovery of synergistic material-topography combinations to achieve immunomodulatory osteoinductive biomaterials using a novel in vitro screening method: The ChemoTopoChip. <i>Biomaterials</i> , 2021, 271, 120740.	5.7	20
3	Bioactivity and anthocyanin content of microwave-assisted subcritical water extracts of Manipur black rice (Chakhao) bran and straw. <i>Future Foods</i> , 2021, 3, 100030.	2.4	30
4	Embracing Mechanobiology in Next Generation Organ-On-A-Chip Models of Bone Metastasis. <i>Frontiers in Medical Technology</i> , 2021, 3, 722501.	1.3	9
5	Mixed polymer and bioconjugate core/shell electrospun fibres for biphasic protein release. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4120-4133.	2.9	10
6	Cyclo(RGDfK) Functionalized Spider Silk Cell Scaffolds: Significantly Improved Performance in Just One Click. <i>Macromolecular Bioscience</i> , 2020, 20, e2000255.	2.1	6
7	Genetically-programmed, mesenchymal stromal cell-laden & mechanically strong 3D bioprinted scaffolds for bone repair. <i>Journal of Controlled Release</i> , 2020, 325, 335-346.	4.8	25
8	Bioinspired Precision Engineering of Three-Dimensional Epithelial Stem Cell Microniches. <i>Advanced Biology</i> , 2020, 4, e2000016.	3.0	10
9	A thermoresponsive three-dimensional fibrous cell culture platform for enzyme-free expansion of mammalian cells. <i>Acta Biomaterialia</i> , 2019, 95, 427-438.	4.1	10
10	Polymer Microparticles with Defined Surface Chemistry and Topography Mediate the Formation of Stem Cell Aggregates and Cardiomyocyte Function. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34560-34574.	4.0	25
11	A biomaterials approach to influence stem cell fate in injectable cell-based therapies. <i>Stem Cell Research and Therapy</i> , 2018, 9, 39.	2.4	28
12	Decellularized bone extracellular matrix and human dental pulp stem cells as a construct for bone regeneration. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 730-748.	1.9	77
13	Translational considerations in injectable cell-based therapeutics for neurological applications: concepts, progress and challenges. <i>Npj Regenerative Medicine</i> , 2017, 2, 23.	2.5	117
14	A Detailed Assessment of Varying Ejection Rate on Delivery Efficiency of Mesenchymal Stem Cells Using Narrow-Bore Needles. <i>Stem Cells Translational Medicine</i> , 2016, 5, 366-378.	1.6	24
15	The effect of injection using narrow-bore needles on mammalian cells: administration and formulation considerations for cell therapies. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 640-650.	1.2	70
16	Development and Validation of a High-Performance Liquid Chromatography Method for Standardization of the Bioactive Ethyl Acetate Fraction of <i>Alstonia scholaris</i> (Linn.) R. Br. Growing in Egypt. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 0376.	0.6	1
17	Development and Validation of a High-Performance Liquid Chromatography Method for Standardization of the Bioactive Ethyl Acetate Fraction of <i>Alstonia scholaris</i> (Linn.) R. Br. Growing in Egypt. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 376-383.	0.6	1
18	Development and validation of a high-performance liquid chromatography method for standardization of the bioactive ethyl acetate fraction of <i>Alstonia scholaris</i> (Linn.) R. Br. growing in Egypt. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 376-83.	0.6	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.	1.0	18