

Anna M Blocki

List of Publications by Year in descending order

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26
papers

1,540
citations

430874
18
h-index

580821
25
g-index

26
all docs

26
docs citations

26
times ranked

2143
citing authors

#	ARTICLE	IF	CITATIONS
1	Dextran sulfate-amplified extracellular matrix deposition promotes osteogenic differentiation of mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2022, 140, 163-177.	8.3	14
2	Engineering microparticles based on solidified stem cell secretome with an augmented pro-angiogenic factor portfolio for therapeutic angiogenesis. <i>Bioactive Materials</i> , 2022, 17, 526-541.	15.6	5
3	Hyaluronic acid drives mesenchymal stromal cell-derived extracellular matrix assembly by promoting fibronectin fibrillogenesis. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7205-7215.	5.8	12
4	Lectin Staining of Microvascular Glycocalyx in Microfluidic Cancer Cell Extravasation Assays. <i>Life</i> , 2021, 11, 179.	2.4	16
5	Metal-Organic Framework (MOF)-Based Biomaterials for Tissue Engineering and Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 603608.	4.1	73
6	Bioactive Decellularized Extracellular Matrix Derived from 3D Stem Cell Spheroids under Macromolecular Crowding Serves as a Scaffold for Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100024.	7.6	27
7	Macromolecular dextran sulfate facilitates extracellular matrix deposition by electrostatic interaction independent from a macromolecular crowding effect. <i>Materials Science and Engineering C</i> , 2020, 106, 110280.	7.3	29
8	Cell-Derived Extracellular Matrix for Tissue Engineering and Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 602009.	4.1	75
9	Mesenchymal stem cells in musculoskeletal tissue engineering. , 2020, , 883-915.		2
10	Tendonâ€derived extracellular matrix induces mesenchymal stem cell tenogenesis via an integrin/transforming growth factorâ€ ² crosstalkâ€mediated mechanism. <i>FASEB Journal</i> , 2020, 34, 8172-8186.	0.5	36
11	Vascular Endothelial Cell Biology: An Update. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4411.	4.1	573
12	Maintaining Stable Zeolitic Imidazolate Framework (ZIF) Templates during Polyelectrolyte Multilayer Coating. <i>Colloids and Interface Science Communications</i> , 2018, 22, 14-17.	4.1	18
13	An In Vitro Model of Angiogenesis during Wound Healing Provides Insights into the Complex Role of Cells and Factors in the Inflammatory and Proliferation Phase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2913.	4.1	34
14	The controversial origin of pericytes during angiogenesis â€“ Implications for cell-based therapeutic angiogenesis and cell-based therapies. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 215-232.	1.7	29
15	Engineering of cell-laden gelatin-based microgels for cell delivery and immobilization in regenerative therapies. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 251-259.	1.7	6
16	Response of encapsulated cells to a gelatin matrix with varied bulk and microenvironmental elastic properties. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1245-1251.	3.2	5
17	Ultraâ€sonication of ZIFâ€67 Crystals Results in ZIFâ€67 Nanoâ€Flakes. <i>ChemistrySelect</i> , 2016, 1, 5905-5908.	1.5	23
18	Synergistic Rate Boosting of Collagen Fibrillogenesis in Heterogeneous Mixtures of Crowding Agents. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4350-4358.	2.6	27

#	ARTICLE	IF	CITATIONS
19	Microcapsules engineered to support mesenchymal stem cell (MSC) survival and proliferation enable long-term retention of MSCs in infarcted myocardium. <i>Biomaterials</i> , 2015, 53, 12-24.	11.4	86
20	Sourcing of an Alternative Pericyte-Like Cell Type from Peripheral Blood in Clinically Relevant Numbers for Therapeutic Angiogenic Applications. <i>Molecular Therapy</i> , 2015, 23, 510-522.	8.2	28
21	Simultaneous Delivery of Highly Diverse Bioactive Compounds from Blend Electrospun Fibers for Skin Wound Healing. <i>Bioconjugate Chemistry</i> , 2015, 26, 1348-1358.	3.6	43
22	Mitochondrial Routing of Glucose and Sucrose Polymers after Pinocytotic Uptake: Avenues for Drug Delivery. <i>Biomacromolecules</i> , 2014, 15, 2119-2127.	5.4	3
23	Macromolecular Crowding Amplifies Adipogenesis of Human Bone Marrow-Derived Mesenchymal Stem Cells by Enhancing the Pro-Adipogenic Microenvironment. <i>Tissue Engineering - Part A</i> , 2014, 20, 966-981.	3.1	63
24	Not All MSCs Can Act as Pericytes: Functional In Vitro Assays to Distinguish Pericytes from Other Mesenchymal Stem Cells in Angiogenesis. <i>Stem Cells and Development</i> , 2013, 22, 2347-2355.	2.1	135
25	Assembly of biomacromolecule loaded polyelectrolyte multilayer capsules by using water soluble sacrificial templates. <i>Soft Matter</i> , 2012, 8, 2760.	2.7	23
26	Applying macromolecular crowding to enhance extracellular matrix deposition and its remodeling in vitro for tissue engineering and cell-based therapies. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 277-290.	13.7	155