

Anna M Blocki

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,540
citations

430754

18
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

2143
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular Endothelial Cell Biology: An Update. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4411.	1.8	573
2	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.	6.6	155
3	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.	1.1	135
4	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.	5.7	86
5	Cell-Derived Extracellular Matrix for Tissue Engineering and Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 602009.	2.0	75
6	Metal-Organic Framework (MOF)-Based Biomaterials for Tissue Engineering and Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 603608.	2.0	73
7	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.	1.6	63
8	Simultaneous Delivery of Highly Diverse Bioactive Compounds from Blend Electrospun Fibers for Skin Wound Healing. <i>Bioconjugate Chemistry</i> , 2015, 26, 1348-1358.	1.8	43
9	Tendon-derived extracellular matrix induces mesenchymal stem cell tenogenesis via an integrin/transforming growth factor β crosstalk-mediated mechanism. <i>FASEB Journal</i> , 2020, 34, 8172-8186.	0.2	36
10	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.	1.8	34
11	The controversial origin of pericytes during angiogenesis – Implications for cell-based therapeutic angiogenesis and cell-based therapies. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 215-232.	0.9	29
12	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.	3.8	29
13	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.	3.7	28
14	Synergistic Rate Boosting of Collagen Fibrillogenesis in Heterogeneous Mixtures of Crowding Agents. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4350-4358.	1.2	27
15	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.	3.9	27
16	Assembly of biomacromolecule loaded polyelectrolyte multilayer capsules by using water soluble sacrificial templates. <i>Soft Matter</i> , 2012, 8, 2760.	1.2	23
17	Ultra-sonication of ZIF-67 Crystals Results in ZIF-67 Nano-Flakes. <i>ChemistrySelect</i> , 2016, 1, 5905-5908.	0.7	23
18	Maintaining Stable Zeolitic Imidazolate Framework (ZIF) Templates during Polyelectrolyte Multilayer Coating. <i>Colloids and Interface Science Communications</i> , 2018, 22, 14-17.	2.0	18

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19	Lectin Staining of Microvascular Glycocalyx in Microfluidic Cancer Cell Extravasation Assays. <i>Life</i> , 2021, 11, 179.	1.1	16
20	Dextran sulfate-amplified extracellular matrix deposition promotes osteogenic differentiation of mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2022, 140, 163-177.	4.1	14
21	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.	2.9	12
22	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.	0.9	6
23	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.	1.6	5
24	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.	8.6	5
25	Mitochondrial Routing of Glucose and Sucrose Polymers after Pinocytotic Uptake: Avenues for Drug Delivery. <i>Biomacromolecules</i> , 2014, 15, 2119-2127.	2.6	3
26	Mesenchymal stem cells in musculoskeletal tissue engineering. , 2020, , 883-915.		2