

Daewon Park

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,385
citations

393982

19
h-index

360668

35
g-index

41
all docs

41
docs citations

41
times ranked

2081
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary Results of a Reverse Thermal Gel Patch for Fetal Ovine Myelomeningocele Repair. <i>Journal of Surgical Research</i> , 2022, 270, 113-123.	0.8	4
2	Atomic Force Microscopy (AFM) Applications in Arrhythmogenic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3700.	1.8	11
3	Regulation of extracellular matrix composition by fibroblasts during perinatal cardiac maturation. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 169, 84-95.	0.9	7
4	Evaluation of scaffolding, inflammatory response, and wound healing support of a reverse thermal gel for myelomeningocele patching. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50013.	1.3	1
5	Multifunctional Fluorocarbon-conjugated Nanoparticles of Varied Morphologies to Enhance Diagnostic Effects in Breast Cancer. <i>Nano Biomedicine and Engineering</i> , 2021, 13, .	0.3	2
6	Induction of ADAM10 by Radiation Therapy Drives Fibrosis, Resistance, and Epithelial-to-Mesenchymal Transition in Pancreatic Cancer. <i>Cancer Research</i> , 2021, 81, 3255-3269.	0.4	37
7	HDAC Inhibition Reverses Preexisting Diastolic Dysfunction and Blocks Covert Extracellular Matrix Remodeling. <i>Circulation</i> , 2021, 143, 1874-1890.	1.6	71
8	Serum circulating proteins from pediatric patients with dilated cardiomyopathy cause pathologic remodeling and cardiomyocyte stiffness. <i>JCI Insight</i> , 2021, 6, .	2.3	7
9	Compromised Biomechanical Properties, Cell-Cell Adhesion and Nanotubes Communication in Cardiac Fibroblasts Carrying the Lamin A/C D192G Mutation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9193.	1.8	5
10	Carbon Nanotubes for Cardiac Applications. <i>RSC Nanoscience and Nanotechnology</i> , 2021, , 223-256.	0.2	1
11	Nanomaterials for Cardiac Tissue Engineering. <i>Molecules</i> , 2020, 25, 5189.	1.7	37
12	Viscoelastic behavior of cardiomyocytes carrying LMNA mutations. <i>Biorheology</i> , 2020, 57, 1-14.	1.2	6
13	Improved Coverage of Mouse Myelomeningocele With a Mussel Inspired Reverse Thermal Gel. <i>Journal of Surgical Research</i> , 2020, 251, 262-274.	0.8	6
14	Injectable Polymeric Delivery System for Spatiotemporal and Sequential Release of Therapeutic Proteins To Promote Therapeutic Angiogenesis and Reduce Inflammation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1217-1227.	2.6	28
15	Altered microtubule structure, hemichannel localization and beating activity in cardiomyocytes expressing pathologic nuclear lamin A/C. <i>Heliyon</i> , 2020, 6, e03175.	1.4	14
16	An Injectable Reverse Thermal Gel for Minimally Invasive Coverage of Mouse Myelomeningocele. <i>Journal of Surgical Research</i> , 2019, 235, 227-236.	0.8	17
17	Gold Nanoparticle-Functionalized Reverse Thermal Gel for Tissue Engineering Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18671-18680.	4.0	47
18	Novel insights into cardiomyocytes provided by atomic force microscopy. <i>Seminars in Cell and Developmental Biology</i> , 2018, 73, 4-12.	2.3	32

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19	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering. ACS Applied Bio Materials, 2018, 1, 1530-1537.	2.3	57
20	Injectable Neurotrophic Factor Delivery System Supporting Retinal Ganglion Cell Survival and Regeneration Following Optic Nerve Crush. ACS Biomaterials Science and Engineering, 2018, 4, 3374-3383.	2.6	18
21	Injectable Hydrogels for Cardiac Tissue Engineering. Macromolecular Bioscience, 2018, 18, e1800079.	2.1	172
22	Injectable Carbon Nanotube-Functionalized Reverse Thermal Gel Promotes Cardiomyocytes Survival and Maturation. ACS Applied Materials & Interfaces, 2017, 9, 31645-31656.	4.0	52
23	Biomimetic Polymers for Cardiac Tissue Engineering. Biomacromolecules, 2016, 17, 1593-1601.	2.6	37
24	A Self-Assembling Injectable Biomimetic Microenvironment Encourages Retinal Ganglion Cell Axon Extension in Vitro. ACS Applied Materials & Interfaces, 2016, 8, 20540-20548.	4.0	18
25	Substantial Differentiation of Human Neural Stem Cells Into Motor Neurons on a Biomimetic Polyurea. Macromolecular Bioscience, 2015, 15, 1206-1211.	2.1	17
26	A heparinâ€mimicking reverse thermal gel for controlled delivery of positively charged proteins. Journal of Biomedical Materials Research - Part A, 2015, 103, 2102-2108.	2.1	17
27	A nerve guidance conduit with topographical and biochemical cues: potential application using human neural stem cells. Nanoscale Research Letters, 2015, 10, 972.	3.1	54
28	Biocompatible Reverse Thermal Gel Sustains the Release of Intravitreal Bevacizumab In Vivo. , 2014, 55, 469.		77
29	Biomimetic poly(serinol hexamethylene urea) for promotion of neurite outgrowth and guidance. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 354-369.	1.9	13
30	The effect of a polyurethane-based reverse thermal gel on bone marrow stromal cell transplant survival and spinal cord repair. Biomaterials, 2014, 35, 1924-1931.	5.7	52
31	A Combined Micelle and Poly(Serinol Hexamethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (Urea)-<i>Co</i>-Poly(<i>N</i> Delivery System. Macromolecular Bioscience, 2014, 14, 1719-1729.	2.1	18
32	Polysulfone/Vanillin Microcapsules for Antibacterial and Aromatic Finishing of Fabrics. Industrial & Engineering Chemistry Research, 2013, 52, 9995-10003.	1.8	41
33	An Antiâ€angiogenic Reverse Thermal Gel as a Drugâ€Delivery System for Ageâ€Related Wet Macular Degeneration. Macromolecular Bioscience, 2013, 13, 464-469.	2.1	27
34	State of the Art of Polysulfone Microcapsules. Current Organic Chemistry, 2013, 17, 22-29.	0.9	6
35	Polysulfone microcapsules with different wall morphology. Journal of Applied Polymer Science, 2013, 129, 1625-1636.	1.3	9
36	Preparation and characterization of polysulfone microcapsules for perfume release. Chemical Engineering Journal, 2012, 179, 394-403.	6.6	107

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37	Characterization of Polysulfone and Polysulfone/Vanillin Microcapsules by ¹ H NMR Spectroscopy, Solid-State ¹³ C CP/MAS NMR Spectroscopy, and N ₂ Adsorption/Desorption Analyses. ACS Applied Materials & Interfaces, 2011, 3, 4420-4430.	4.0	20
38	A functionalizable reverse thermal gel based on a polyurethane/PEG block copolymer. Biomaterials, 2011, 32, 777-786.	5.7	85
39	Amphiphilic Surface Active Triblock Copolymers with Mixed Hydrophobic and Hydrophilic Side Chains for Tuned Marine Fouling-Release Properties. Langmuir, 2010, 26, 9772-9781.	1.6	97
40	Vanillin Release from Polysulfone Macrocapsules. Industrial & Engineering Chemistry Research, 2009, 48, 1562-1565.	1.8	29
41	Quantum mechanical model for Maya Blue. International Journal of Quantum Chemistry, 2008, 108, 1664-1673.	1.0	29