

Byeong-Ju Kwon

List of Publications by Year in descending order

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33
papers

539
citations

623734

14
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677142

22
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34
all docs

34
docs citations

34
times ranked

957
citing authors

#	ARTICLE	IF	CITATIONS
1	Asiaticoside enhances normal human skin cell migration, attachment and growth in vitro wound healing model. <i>Phytomedicine</i> , 2012, 19, 1223-1227.	5.3	92
2	Functional improvement of hemostatic dressing by addition of recombinant batroxobin. <i>Acta Biomaterialia</i> , 2017, 48, 175-185.	8.3	53
3	Effective stacking and transplantation of stem cell sheets using exogenous ROS-producing film for accelerated wound healing. <i>Acta Biomaterialia</i> , 2019, 95, 418-426.	8.3	41
4	Hydrogel cross-linkingâ€“programmed release of nitric oxide regulates source-dependent angiogenic behaviors of human mesenchymal stem cell. <i>Science Advances</i> , 2020, 6, eaay5413.	10.3	33
5	Biological Advantages of Porous Hydroxyapatite Scaffold Made by Solid Freeform Fabrication for Bone Tissue Regeneration. <i>Artificial Organs</i> , 2013, 37, 663-670.	1.9	32
6	Controlled Delivery of Extracellular ROS Based on Hematoporphyrin-Incorporated Polyurethane Film for Enhanced Proliferation of Endothelial Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28448-28457.	8.0	29
7	The effective control of a bleeding injury using a medical adhesive containing batroxobin. <i>Biomedical Materials (Bristol)</i> , 2014, 9, 025002.	3.3	22
8	Exogenous ROS-induced cell sheet transfer based on hematoporphyrin-polyketone film via a one-step process. <i>Biomaterials</i> , 2018, 161, 47-56.	11.4	22
9	Control of neonatal human dermal fibroblast migration on poly(lactic-co-glycolic acid)-coated surfaces by electrotaxis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 862-868.	2.7	21
10	Golgi polarization plays a role in the directional migration of neonatal dermal fibroblasts induced by the direct current electric fields. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 255-260.	2.1	20
11	Titanium surface modification by using microwave-induced argon plasma in various conditions to enhance osteoblast biocompatibility. <i>Biomaterials Research</i> , 2015, 19, 13.	6.9	18
12	Recombinant batroxobin-coated nonwoven chitosan as hemostatic dressing for initial hemorrhage control. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 757-763.	7.5	17
13	Mitogenesis of Vascular Smooth Muscle Cell Stimulated by Platelet-Derived Growth Factor-bb Is Inhibited by Blocking of Intracellular Signaling by Epigallocatechin-3-O-Gallate. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	4.0	16
14	Stimulated migration and penetration of vascular endothelial cells into poly (L-lactic acid) scaffolds under flow conditions. <i>Biomaterials Research</i> , 2014, 18, 7.	6.9	16
15	Promoted cell and material interaction on atmospheric pressure plasma treated titanium. <i>Applied Surface Science</i> , 2012, 258, 4718-4723.	6.1	13
16	Selective Inhibitory Effect of Epigallocatechin-3-gallate on Migration of Vascular Smooth Muscle Cells. <i>Molecules</i> , 2010, 15, 8488-8500.	3.8	12
17	Resveratrol Inhibits Phenotype Modulation by Platelet Derived Growth Factor-bb in Rat Aortic Smooth Muscle Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-9.	4.0	11
18	Nitrogen grafting onto polycaprolactone by a simple surface modification with atmospheric pressure glow discharge (Ar-APGD) and promoted neonatal human fibroblast growth. <i>Macromolecular Research</i> , 2011, 19, 1134-1141.	2.4	10

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19	Asiaticoside and polylysine-releasing collagen complex for effectively reducing initial inflammatory response using inflamed induced in vitro model. <i>Materials Science and Engineering C</i> , 2021, 121, 111837.	7.3	10
20	Effects of direct current electric-field using ITO plate on breast cancer cell migration. <i>Biomaterials Research</i> , 2014, 18, 10.	6.9	8
21	Plasma treatment induces internal surface modifications of electrospun poly(L-lactic) acid scaffold to enhance protein coating. <i>Journal of Applied Physics</i> , 2013, 114, 073304.	2.5	7
22	Enhancement of human mesenchymal stem cell infiltration into the electrospun poly(lactic-co-glycolic acid) scaffold by fluid shear stress. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 137-142.	2.1	6
23	Homogeneity evaluation of mesenchymal stem cells based on electrotaxis analysis. <i>Scientific Reports</i> , 2017, 7, 9582.	3.3	6
24	Exovascular application of epigallocatechin-3-O-gallate-releasing electrospun poly(l-lactide glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 (Bristol), 2015, 10, 055010.	3.3	5
25	Ethyl-3,4-Dihydroxybenzoate with a Dual Function of Induction of Osteogenic Differentiation and Inhibition of Osteoclast Differentiation for Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2014, 20, 2975-2984.	3.1	3
26	Golgi polarization effects on infiltration of mesenchymal stem cells into electrospun scaffolds by fluid shear stress: Analysis by confocal microscopy and Fourier transform infrared spectroscopy. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 570-581.	6.7	3
27	Suppression of T24 human bladder cancer cells by ROS from locally delivered hematoporphyrin-containing polyurethane films. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 763-772.	2.9	3
28	Biological Safety Evaluation of Polyketones as Biomaterials. <i>Porrime</i> , 2016, 40, 225.	0.2	3
29	Photofunctional Co-Cr Alloy Generating Reactive Oxygen Species for Photodynamic Applications. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-8.	2.5	2
30	Influence of Biomimetic Materials on Cell Migration. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1064, 93-107.	1.6	2
31	Development of a direction-sensitive gamma-ray monitoring system using a gamma camera with a dual-sided collimator: A Monte Carlo study. <i>Applied Radiation and Isotopes</i> , 2021, 178, 109937.	1.5	2
32	Ethyl-2, 5-dihydroxybenzoate displays dual activity by promoting osteoblast differentiation and inhibiting osteoclast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 335-341.	2.1	1
33	Design of Polymeric Culture Substrates to Promote Proangiogenic Potential of Stem Cells. <i>Macromolecular Bioscience</i> , 2018, 18, 1700340.	4.1	0