

Jong Ho Lee

List of Publications by Year in descending order

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34
papers

1,445
citations

331670

21
h-index

395702

33
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35
all docs

35
docs citations

35
times ranked

2338
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced osseointegration of dental implants with reduced graphene oxide coating. Biomaterials Research, 2022, 26, 11.	6.9	31
2	Nanocomposites for Enhanced Osseointegration of Dental and Orthopedic Implants Revisited: Surface Functionalization by Carbon Nanomaterial Coatings. Journal of Composites Science, 2021, 5, 23.	3.0	8
3	Reduced graphene oxide coating enhances osteogenic differentiation of human mesenchymal stem cells on Ti surfaces. Biomaterials Research, 2021, 25, 4.	6.9	45
4	A critical review on genotoxicity potential of low dimensional nanomaterials. Journal of Hazardous Materials, 2021, 409, 124915.	12.4	15
5	Engineered "coffee-rings" of reduced graphene oxide as ultrathin contact guidance to enable patterning of living cells. Materials Horizons, 2019, 6, 1066-1079.	12.2	35
6	Three-dimensional graphene oxide-coated polyurethane foams beneficial to myogenesis. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 762-774.	3.5	35
7	Eu, Gd-Codoped Yttria Nanoprobes for Optical and T1-Weighted Magnetic Resonance Imaging. Nanomaterials, 2017, 7, 35.	4.1	28
8	Cell Migration According to Shape of Graphene Oxide Micropatterns. Micromachines, 2016, 7, 186.	2.9	19
9	In situ forming gelatin/graphene oxide hydrogels for facilitated C2C12 myoblast differentiation. Applied Spectroscopy Reviews, 2016, 51, 527-539.	6.7	31
10	Graphene oxide-coated guided bone regeneration membranes with enhanced osteogenesis: Spectroscopic analysis and animal study. Applied Spectroscopy Reviews, 2016, 51, 540-551.	6.7	53
11	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. Applied Spectroscopy Reviews, 2016, 51, 570-581.	6.7	3
12	Hyaluronic Acid/PLGA Core/Shell Fiber Matrices Loaded with EGCG Beneficial to Diabetic Wound Healing. Advanced Healthcare Materials, 2016, 5, 3035-3045.	7.6	91
13	Multiphoton imaging of myogenic differentiation in gelatin-based hydrogels as tissue engineering scaffolds. Biomaterials Research, 2016, 20, 2.	6.9	20
14	Multicolor nanoprobes based on silica-coated gadolinium oxide nanoparticles with highly reduced toxicity. RSC Advances, 2016, 6, 19758-19762.	3.6	26
15	Enhanced Osteogenesis by Reduced Graphene Oxide/Hydroxyapatite Nanocomposites. Scientific Reports, 2015, 5, 18833.	3.3	204
16	Inhibition of mitochondrial Na ⁺ -Ca ²⁺ exchange by CGP-37157 attenuates BCR-mediated apoptosis in DT40 B lymphocytes. Journal of the Korean Physical Society, 2015, 67, 1915-1919.	0.7	0
17	Stimulating effect of graphene oxide on myogenesis of C2C12 myoblasts on RGD peptide-decorated PLGA nanofiber matrices. Journal of Biological Engineering, 2015, 9, 22.	4.7	64
18	Biomimetic Hybrid Nanofiber Sheets Composed of RGD Peptide-Decorated PLGA as Cell-Adhesive Substrates. Journal of Functional Biomaterials, 2015, 6, 367-378.	4.4	20

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19	Reduced graphene oxide-coated hydroxyapatite composites stimulate spontaneous osteogenic differentiation of human mesenchymal stem cells. <i>Nanoscale</i> , 2015, 7, 11642-11651.	5.6	143
20	Stimulated myogenic differentiation of C2C12 murine myoblasts by using graphene oxide. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1910-1914.	0.7	10
21	Fabrication of carbon coated gadolinia particles for dual-mode magnetic resonance and fluorescence imaging. <i>Journal of Advanced Ceramics</i> , 2015, 4, 118-122.	17.4	15
22	RGD peptide-displaying M13 bacteriophage/PLGA nanofibers as cell-adhesive matrices for smooth muscle cells. <i>Journal of the Korean Physical Society</i> , 2015, 66, 12-16.	0.7	11
23	Transdermal treatment of the surgical and burned wound skin via phytochemical-capped gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 166-174.	5.0	38
24	Stimulated myoblast differentiation on graphene oxide-impregnated PLGA-collagen hybrid fibre matrices. <i>Journal of Nanobiotechnology</i> , 2015, 13, 21.	9.1	137
25	Synergistic effects of reduced graphene oxide and hydroxyapatite on osteogenic differentiation of MC3T3-E1 preosteoblasts. <i>Carbon</i> , 2015, 95, 1051-1060.	10.3	66
26	Epigallocatechin-3-O-gallate-Loaded Poly(lactic-co-glycolic acid) Fibrous Sheets as Anti-Adhesion Barriers. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1461-1471.	1.1	16
27	Enhanced Neural Cell Adhesion and Neurite Outgrowth on Graphene-Based Biomimetic Substrates. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	63
28	PLGA nanofiber membranes loaded with epigallocatechin-3-O-gallate are beneficial to prevention of postsurgical adhesions. <i>International Journal of Nanomedicine</i> , 2014, 9, 4067.	6.7	32
29	Hyaluronic Acid/Poly(lactic-co-glycolic acid) Core/Shell Fiber Meshes Loaded with Epigallocatechin-3-O-gallate as Skin Tissue Engineering Scaffolds. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 8458-8463.	0.9	32
30	Cell-adhesive RGD peptide-displaying M13 bacteriophage/PLGA nanofiber matrices for growth of fibroblasts. <i>Biomaterials Research</i> , 2014, 18, 14.	6.9	21
31	Ultrafine PEG-capped gadolinia nanoparticles: cytotoxicity and potential biomedical applications for MRI and luminescent imaging. <i>RSC Advances</i> , 2014, 4, 34343-34349.	3.6	31
32	Difference between Toxicities of Iron Oxide Magnetic Nanoparticles with Various Surface-Functional Groups against Human Normal Fibroblasts and Fibrosarcoma Cells. <i>Materials</i> , 2013, 6, 4689-4706.	2.9	51
33	Facile synthesis of bifunctional silica-coated core-shell Y ₂ O ₃ :Eu ³⁺ , Co ²⁺ composite particles for biomedical applications. <i>RSC Advances</i> , 2012, 2, 9495.	3.6	37
34	Cytotoxicity and cell imaging potentials of submicron color-tunable yttria particles. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2287-2294.	4.0	12