

Jong Ho Lee

List of Publications by Year in descending order

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34
papers

1,445
citations

331538

21
h-index

395590

33
g-index

35
all docs

35
docs citations

35
times ranked

2338
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Osteogenesis by Reduced Graphene Oxide/Hydroxyapatite Nanocomposites. Scientific Reports, 2015, 5, 18833.	1.6	204
2	Reduced graphene oxide-coated hydroxyapatite composites stimulate spontaneous osteogenic differentiation of human mesenchymal stem cells. Nanoscale, 2015, 7, 11642-11651.	2.8	143
3	Stimulated myoblast differentiation on graphene oxide-impregnated PLGA-collagen hybrid fibre matrices. Journal of Nanobiotechnology, 2015, 13, 21.	4.2	137
4	Hyaluronic Acid/PLGA Core/Shell Fiber Matrices Loaded with EGCG Beneficial to Diabetic Wound Healing. Advanced Healthcare Materials, 2016, 5, 3035-3045.	3.9	91
5	Synergistic effects of reduced graphene oxide and hydroxyapatite on osteogenic differentiation of MC3T3-E1 preosteoblasts. Carbon, 2015, 95, 1051-1060.	5.4	66
6	Stimulating effect of graphene oxide on myogenesis of C2C12 myoblasts on RGD peptide-decorated PLGA nanofiber matrices. Journal of Biological Engineering, 2015, 9, 22.	2.0	64
7	Enhanced Neural Cell Adhesion and Neurite Outgrowth on Graphene-Based Biomimetic Substrates. BioMed Research International, 2014, 2014, 1-8.	0.9	63
8	Graphene oxide-coated guided bone regeneration membranes with enhanced osteogenesis: Spectroscopic analysis and animal study. Applied Spectroscopy Reviews, 2016, 51, 540-551.	3.4	53
9	Difference between Toxicities of Iron Oxide Magnetic Nanoparticles with Various Surface-Functional Groups against Human Normal Fibroblasts and Fibrosarcoma Cells. Materials, 2013, 6, 4689-4706.	1.3	51
10	Reduced graphene oxide coating enhances osteogenic differentiation of human mesenchymal stem cells on Ti surfaces. Biomaterials Research, 2021, 25, 4.	3.2	45
11	Transdermal treatment of the surgical and burned wound skin via phytochemical-capped gold nanoparticles. Colloids and Surfaces B: Biointerfaces, 2015, 135, 166-174.	2.5	38
12	Facile synthesis of bifunctional silica-coated core-shell Y ₂ O ₃ :Eu ³⁺ ,Co ²⁺ composite particles for biomedical applications. RSC Advances, 2012, 2, 9495.	1.7	37
13	Three-dimensional graphene oxide-coated polyurethane foams beneficial to myogenesis. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 762-774.	1.9	35
14	Engineered "coffee-rings" of reduced graphene oxide as ultrathin contact guidance to enable patterning of living cells. Materials Horizons, 2019, 6, 1066-1079.	6.4	35
15	PLGA nanofiber membranes loaded with epigallocatechin-3-O-gallate are beneficial to prevention of postsurgical adhesions. International Journal of Nanomedicine, 2014, 9, 4067.	3.3	32
16	Hyaluronic Acid/Poly(lactic acid-co-glycolic acid) Core/Shell Fiber Meshes Loaded with Epigallocatechin-3-O-Gallate as Skin Tissue Engineering Scaffolds. Journal of Nanoscience and Nanotechnology, 2014, 14, 8458-8463.	0.9	32
17	Ultrafine PEG-capped gadolinia nanoparticles: cytotoxicity and potential biomedical applications for MRI and luminescent imaging. RSC Advances, 2014, 4, 34343-34349.	1.7	31
18	In situ forming gelatin/graphene oxide hydrogels facilitated C2C12 myoblast differentiation. Applied Spectroscopy Reviews, 2016, 51, 527-539.	3.4	31

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19	Enhanced osseointegration of dental implants with reduced graphene oxide coating. <i>Biomaterials Research</i> , 2022, 26, 11.	3.2	31
20	Eu, Gd-Codoped Yttria Nanoprobes for Optical and T1-Weighted Magnetic Resonance Imaging. <i>Nanomaterials</i> , 2017, 7, 35.	1.9	28
21	Multicolor nanoprobes based on silica-coated gadolinium oxide nanoparticles with highly reduced toxicity. <i>RSC Advances</i> , 2016, 6, 19758-19762.	1.7	26
22	Cell-adhesive RGD peptide-displaying M13 bacteriophage/PLGA nanofiber matrices for growth of fibroblasts. <i>Biomaterials Research</i> , 2014, 18, 14.	3.2	21
23	Biomimetic Hybrid Nanofiber Sheets Composed of RGD Peptide-Decorated PLGA as Cell-Adhesive Substrates. <i>Journal of Functional Biomaterials</i> , 2015, 6, 367-378.	1.8	20
24	Multiphoton imaging of myogenic differentiation in gelatin-based hydrogels as tissue engineering scaffolds. <i>Biomaterials Research</i> , 2016, 20, 2.	3.2	20
25	Cell Migration According to Shape of Graphene Oxide Micropatterns. <i>Micromachines</i> , 2016, 7, 186.	1.4	19
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.	0.5	16
27	Fabrication of carbon coated gadolinia particles for dual-mode magnetic resonance and fluorescence imaging. <i>Journal of Advanced Ceramics</i> , 2015, 4, 118-122.	8.9	15
28	A critical review on genotoxicity potential of low dimensional nanomaterials. <i>Journal of Hazardous Materials</i> , 2021, 409, 124915.	6.5	15
29	Cytotoxicity and cell imaging potentials of submicron color-tunable yttria particles. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2287-2294.	2.1	12
30	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.	0.3	11
31	Stimulated myogenic differentiation of C2C12 murine myoblasts by using graphene oxide. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1910-1914.	0.3	10
32	Nanocomposites for Enhanced Osseointegration of Dental and Orthopedic Implants Revisited: Surface Functionalization by Carbon Nanomaterial Coatings. <i>Journal of Composites Science</i> , 2021, 5, 23.	1.4	8
33	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.	3.4	3
34	Inhibition of mitochondrial Na ⁺ -Ca ²⁺ exchange by CGP-37157 attenuates BCR-mediated apoptosis in DT40 B lymphocytes. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1915-1919.	0.3	0