Jong Ho Lee

List of Publications by Year
in descending order

34	1,445	331538 21	395590 33
papers	citations	h-index	g-index

35	35	35	2338
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced osseointegration of dental implants with reduced graphene oxide coating. Biomaterials Research, 2022, 26, 11.	3.2	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.	1.4	8
3	Reduced graphene oxide coating enhances osteogenic differentiation of human mesenchymal stem cells on Ti surfaces. Biomaterials Research, 2021, 25, 4.	3.2	45
4	A critical review on genotoxicity potential of low dimensional nanomaterials. Journal of Hazardous Materials, 2021, 409, 124915.	6.5	15
5	Engineered â€œcoffee-ringsâ€•of reduced graphene oxide as ultrathin contact guidance to enable patterning of living cells. Materials Horizons, 2019, 6, 1066-1079.	6.4	35
6	Three-dimensional graphene oxide-coated polyurethane foams beneficial to myogenesis. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 762-774.	1.9	35
7	Eu, Gd-Codoped Yttria Nanoprobes for Optical and T1-Weighted Magnetic Resonance Imaging. Nanomaterials, 2017, 7, 35.	1.9	28
8	Cell Migration According to Shape of Graphene Oxide Micropatterns. Micromachines, 2016, 7, 186.	1.4	19
9	In situforming gelatin/graphene oxide hydrogels for facilitated C2C12 myoblast differentiation. Applied Spectroscopy Reviews, 2016, 51, 527-539.	3.4	31
10	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
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.	3.4	3
12	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
13	Multiphoton imaging of myogenic differentiation in gelatin-based hydrogels as tissue engineering scaffolds. Biomaterials Research, 2016, 20, 2.	3.2	20
14	Multicolor nanoprobes based on silica-coated gadolinium oxide nanoparticles with highly reduced toxicity. RSC Advances, 2016, 6, 19758-19762.	1.7	26
15	Enhanced Osteogenesis by Reduced Graphene Oxide/Hydroxyapatite Nanocomposites. Scientific Reports, 2015, 5, 18833.	1.6	204
16	Inhibition of mitochondrial Na+-Ca2+ exchange by CGP-37157 attenuates BCR-mediated apoptosis in DT40 B lymphocytes. Journal of the Korean Physical Society, 2015, 67, 1915-1919.	0.3	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.	2.0	64
18	Biomimetic Hybrid Nanofiber Sheets Composed of RGD Peptide-Decorated PLGA as Cell-Adhesive Substrates. Journal of Functional Biomaterials, 2015, 6, 367-378.	1.8	20

#	Article	IF	Citations
19	Reduced graphene oxide-coated hydroxyapatite composites stimulate spontaneous osteogenic differentiation of human mesenchymal stem cells. Nanoscale, 2015, 7, 11642-11651.	2.8	143
20	Stimulated myogenic differentiation of C2C12 murine myoblasts by using graphene oxide. Journal of the Korean Physical Society, 2015, 67, 1910-1914.	0.3	10
21	Fabrication of carbon coated gadolinia particles for dual-mode magnetic resonance and fluorescence imaging. Journal of Advanced Ceramics, 2015, 4, 118-122.	8.9	15
22	RGD peptide-displaying M13 bacteriophage/PLGA nanofibers as cell-adhesive matrices for smooth muscle cells. Journal of the Korean Physical Society, 2015, 66, 12-16.	0.3	11
23	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
24	Stimulated myoblast differentiation on graphene oxide-impregnated PLGA-collagen hybrid fibre matrices. Journal of Nanobiotechnology, 2015, 13, 21.	4.2	137
25	Synergistic effects of reduced graphene oxide and hydroxyapatite on osteogenic differentiation of MC3T3-E1 preosteoblasts. Carbon, 2015, 95, 1051-1060.	5.4	66
26	Epigallocatechin-3-<I>O</I>-Gallate-Loaded Poly(lactic-<I>co</I>-glycolic acid) Fibrous Sheets as Anti-Adhesion Barriers. Journal of Biomedical Nanotechnology, 2015, 11, 1461-1471.	0.5	16
27	Enhanced Neural Cell Adhesion and Neurite Outgrowth on Graphene-Based Biomimetic Substrates. BioMed Research International, 2014, 2014, 1-8.	0.9	63
28	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
29	Hyaluronic Acid/Poly(lactic-<I>co</I>-glycolic acid) Core/Shell Fiber Meshes Loaded with Epigallocatechin-3-<I>O</I>-Gallate as Skin Tissue Engineering Scaffolds. Journal of Nanoscience and Nanotechnology, 2014, 14, 8458-8463.	0.9	32
30	Cell-adhesive RGD peptide-displaying M13 bacteriophage/PLGA nanofiber matrices for growth of fibroblasts. Biomaterials Research, 2014, 18, 14.	3.2	21
31	Ultrafine PEG-capped gadolinia nanoparticles: cytotoxicity and potential biomedical applications for MRI and luminescent imaging. RSC Advances, 2014, 4, 34343-34349.	1.7	31
32	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
33	Facile synthesis of bifunctional silica-coated coreâ€“shell Y2O3:Eu3+,Co2+ composite particles for biomedical applications. RSC Advances, 2012, 2, 9495.	1.7	37
34	Cytotoxicity and cell imaging potentials of submicron colorâ€tunable yttria particles. Journal of Biomedical Materials Research - Part A, 2012, 100A, 2287-2294.	2.1	12