Suk Ho Bhang

List of Publications by Year
in descending order

138 papers	5,780 citations	76196 40 h-index	82410 72 g-index
138 all docs	138 docs citations	138 times ranked	9500 citing authors

#	Article	IF	Citations
1	Metal Ion Releasing Gold Nanoparticles for Improving Therapeutic Efficiency of Tumor Targeted Photothermal Therapy. Tissue Engineering and Regenerative Medicine, 2022, 19, 289-299.	1.6	5
2	Area light sourceâ€triggered latent angiogenic molecular mechanisms intensify therapeutic efficacy of adult stem cells. Bioengineering and Translational Medicine, 2022, 7, e10255.	3.9	5
3	Colloidal Supraballs of Mesoporous Silica Nanoparticles as Bioresorbable Adhesives for Hydrogels. Chemistry of Materials, 2022, 34, 584-593.	3.2	9
4	Nanoencapsulated Phase-Change Materials: Versatile and Air-Tolerant Platforms for Tripletâ€“Triplet Annihilation Upconversion. ACS Applied Materials & Interfaces, 2022, 14, 4132-4143.	4.0	9
5	Effect of polystyrene nanoplastics and their degraded forms on stem cell fate. Journal of Hazardous Materials, 2022, 430, 128411.	6.5	15
6	Nano-sized Materials for Tissue Regeneration and Immune/Cancer Therapy. Tissue Engineering and Regenerative Medicine, 2022, 19, 203-204.	1.6	3
7	Development of a stem cell spheroidâ€laden patch with high retention at skin wound site. Bioengineering and Translational Medicine, 2022, 7, .	3.9	7
8	Enhancing therapeutic efficacy of human adipose-derived stem cells by modulating photoreceptor expression for advanced wound healing. Stem Cell Research and Therapy, 2022, 13, .	2.4	9
9	Inorganic Nanoparticles Applied as Functional Therapeutics. Advanced Functional Materials, 2021, 31, 2008171.	7.8	51
10	Fortifying the angiogenic efficacy of adipose derived stem cell spheroids using spheroid compaction. Journal of Industrial and Engineering Chemistry, 2021, 93, 228-236.	2.9	10
11	Development of pH-Responsive Polymer Coating as an Alternative to Enzyme-Based Stem Cell Dissociation for Cell Therapy. Materials, 2021, 14, 491.	1.3	2
12	Facile Aqueous-Phase Synthesis of Stabilizer-Free Photocatalytic Nanoparticles. Catalysts, 2021, 11, 111.	1.6	2
13	Alternative method for trypsin-based cell dissociation using poly (amino ester) coating and pH 6.0 PBS. Journal of Bioactive and Compatible Polymers, 2021, 36, 77-89.	0.8	2
14	Stem Cell-Engineered Nanovesicles Exert Proangiogenic and Neuroprotective Effects. Materials, 2021, 14, 1078.	1.3	11
15	Precise Electrical Detection of Curcumin Cytotoxicity in Human Liver Cancer Cells. Biochip Journal, 2021, 15, 52-60.	2.5	4
16	Environmentally Friendly Route for Fabricating Conductive Agent for Lithium-Ion Batteries: Carbon Nanoparticles Derived from Polyethylene. Catalysts, 2021, 11, 424.	1.6	2
17	2D and 3D co-spatial compartmentalized patch to enhance the therapeutic efficacy of keratinocytes for wound closure. Chemical Engineering Journal, 2021, 409, 128130.	6.6	2
18	Poly(amino ester)â€Based Polymers for Gene and Drug Delivery Systems and Further Application toward Cell Culture System. Macromolecular Bioscience, 2021, 21, e2100106.	2.1	3

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19	Endothelial Cell-Derived Tethered Lipid Bilayers Generating Nitric Oxide for Endovascular Implantation. ACS Applied Bio Materials, 2021, 4, 6381-6393.	2.3	3
20	Morus alba Root Extract Induces the Anagen Phase in the Human Hair Follicle Dermal Papilla Cells. Pharmaceutics, 2021, 13, 1155.	2.0	14
21	Delivery of a spheroids-incorporated human dermal fibroblast sheet increases angiogenesis and M2 polarization for wound healing. Biomaterials, 2021, 275, 120954.	5.7	26
22	Delivery of extracellular matrix-enriched stem cells encapsulated with enzyme-free pH-sensitive polymer for enhancing therapeutic angiogenesis. Journal of Industrial and Engineering Chemistry, 2021, 104, 381-389.	2.9	3
23	Novel angiogenic metal nanoparticles controlling intracellular gene activation in stem cells. Chemical Engineering Journal, 2021, 419, 129487.	6.6	3
24	Phototoxicity-free blue light for enhancing therapeutic angiogenic efficacy of stem cells. Cell Biology and Toxicology, 2021, , 1.	2.4	3
25	Comparing the cytotoxic effect of light-emitting and organic light-emitting diodes based light therapy on human adipose-derived stem cells. Journal of Industrial and Engineering Chemistry, 2021, 103, 239-246.	2.9	3
26	Dual Ion Releasing Nanoparticles for Modulating Osteogenic Cellular Microenvironment of Human Mesenchymal Stem Cells. Materials, 2021, 14, 412.	1.3	2
27	Enhancing the Angiogenic and Proliferative Capacity of Dermal Fibroblasts with Mulberry (Morus) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	4
28	Anti-senescence ion-delivering nanocarrier for recovering therapeutic properties of long-term-cultured human adipose-derived stem cells. Journal of Nanobiotechnology, 2021, 19, 352.	4.2	4
29	Fabrication of Photothermal Film for Deicing Process Based on Gold Nano-Aggregate Encapsulated Yolk-Shell Structure. Science of Advanced Materials, 2021, 13, 1424-1429.	0.1	5
30	A Study on the Splitting of Large Gold Nanoparticles by Addition of Aqueous Ascorbic Acid. Science of Advanced Materials, 2021, 13, 1474-1478.	0.1	0
31	Lightwave-reinforced stem cells with enhanced wound healing efficacy. Journal of Tissue Engineering, 2021, 12, 204173142110670.	2.3	6
32	Facile Aqueous-Phase Synthesis of Bimetallic (AgPt, AgPd, and CuPt) and Trimetallic (AgCuPt) Nanoparticles. Materials, 2020, 13, 254.	1.3	11
33	A fibronectin-coated gold nanostructure composite for electrochemical detection of effects of curcumin-carrying nanoliposomes on human stomach cancer cells. Analyst, The, 2020, 145, 675-684.	1.7	20
34	Enzyme free cell detachment using pH-responsive poly(amino ester) for tissue regeneration. Journal of Industrial and Engineering Chemistry, 2020, 88, 373-381.	2.9	8
35	NIR-vis-Induced pH-Sensitive TiO₂ Immobilized Carbon Dot for Controllable Membrane-Nuclei Targeting and Photothermal Therapy of Cancer Cells. ACS Applied Materials & Interfaces, 2020, 12, 37929-37942.	4.0	35
36	Endosome-triggered ion-releasing nanoparticles as therapeutics to enhance the angiogenic efficacy of human mesenchymal stem cells. Journal of Controlled Release, 2020, 324, 586-597.	4.8	18

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37	Bio-application of Inorganic Nanomaterials in Tissue Engineering. Advances in Experimental Medicine and Biology, 2020, 1249, 115-130.	0.8	7
38	Regulation of intracellular transition metal ion level with a pH-sensitive inorganic nanocluster to improve therapeutic angiogenesis by enriching conditioned medium retrieved from human adipose derived stem cells. Nano Convergence, 2020, 7, 34.	6.3	10
39	Upconverting Oil-Laden Hollow Mesoporous Silica Microcapsules for Anti-Stokes-Based Biophotonic Applications. ACS Applied Materials & Interfaces, 2019, 11, 26571-26580.	4.0	15
40	Enhancing therapeutic efficacy of photothermal therapy using poloxamer-reduced graphene oxide and mesenchymal stem cells. Journal of Industrial and Engineering Chemistry, 2019, 80, 846-853.	2.9	11
41	Reduction-Triggered Paclitaxel Release Nano-Hybrid System Based on Core-Crosslinked Polymer Dots with a pH-Responsive Shell-Cleavable Colorimetric Biosensor. International Journal of Molecular Sciences, 2019, 20, 5368.	1.8	10
42	Enhancing the Wound Healing Effect of Conditioned Medium Collected from Mesenchymal Stem Cells with High Passage Number Using Bioreducible Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 4835.	1.8	18
43	Synthesis of Sub 3 nm-Sized Uniform Magnetite Nanoparticles Using Reverse Micelle Method for Biomedical Application. Materials, 2019, 12, 3850.	1.3	10
44	Facile aqueous-phase synthesis of Agâ€“Cuâ€“Ptâ€“Pd quadrometallic nanoparticles. Nano Convergence, 2019, 6, 38.	6.3	23
45	Enhanced Anti-Cancer Effects of Conditioned Medium from Hypoxic Human Umbilical Cordâ€“Derived Mesenchymal Stem Cells. International Journal of Stem Cells, 2019, 12, 291-303.	0.8	13
46	A Facile Room Temperature Synthesis of Large Silver Nanoplates with Low Cytotoxicity. ChemistrySelect, 2018, 3, 1801-1808.	0.7	9
47	Recent research trend in cell and drug delivery system for type 1 diabetes treatment. Journal of Pharmaceutical Investigation, 2018, 48, 175-185.	2.7	9
48	Biomimetics: Conductive and Stretchable Adhesive Electronics with Miniaturized Octopus-Like Suckers against Dry/Wet Skin for Biosignal Monitoring (Adv. Funct. Mater. 52/2018). Advanced Functional Materials, 2018, 28, 1870372.	7.8	2
49	Conductive and Stretchable Adhesive Electronics with Miniaturized Octopusâ€Like Suckers against Dry/Wet Skin for Biosignal Monitoring. Advanced Functional Materials, 2018, 28, 1805224.	7.8	111
50	Bioreducible Polyspermine-Based Gene Carriers for Efficient siRNA Delivery: Effects of PEG Conjugation on Gene Silencing Efficiency. Macromolecular Research, 2018, 26, 1135-1142.	1.0	4
51	One-pot synthesis of PdAu bimetallic composite nanoparticles and their catalytic activities for hydrogen peroxide generation. Korean Journal of Chemical Engineering, 2018, 35, 2379-2383.	1.2	16
52	A Disposable Photovoltaic Patch Controlling Cellular Microenvironment for Wound Healing. International Journal of Molecular Sciences, 2018, 19, 3025.	1.8	12
53	Studies on the Change of Lithium Ion Battery Performance According to Length and Type of Surfactant on the Surface of Manganese Oxide Nanoparticles Prepared by Reverse Micelle Method. Macromolecular Research, 2018, 26, 1167-1172.	1.0	0
54	Bioreducible Polymer Micelles Based on Acid-Degradable Poly(ethylene glycol)-poly(amino ketal) Enhance the Stromal Cell-Derived Factor-1Î± Gene Transfection Efficacy and Therapeutic Angiogenesis of Human Adipose-Derived Stem Cells. International Journal of Molecular Sciences, 2018, 19, 529.	1.8	13

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55	Hierarchically structured 2D silver sheets with fractal network. Journal of Materiomics, 2018, 4, 121-128.	2.8	6
56	Tocilizumabâ€“Alendronate Conjugate for Treatment of Rheumatoid Arthritis. Bioconjugate Chemistry, 2017, 28, 1084-1092.	1.8	25
57	Graphene oxide reinforced hydrogels for osteogenic differentiation of human adipose-derived stem cells. RSC Advances, 2017, 7, 20779-20788.	1.7	34
58	Topographyâ€Guided Control of Local Migratory Behaviors and Protein Expression of Cancer Cells. Advanced Healthcare Materials, 2017, 6, 1700155.	3.9	6
59	Preparation and evaluation of visible-light cured glycol chitosan hydrogel dressing containing dual growth factors for accelerated wound healing. Journal of Industrial and Engineering Chemistry, 2017, 53, 360-370.	2.9	71
60	Stretchable Piezoelectric Substrate Providing Pulsatile Mechanoelectric Cues for Cardiomyogenic Differentiation of Mesenchymal Stem Cells. ACS Applied Materials & Interfaces, 2017, 9, 22101-22111.	4.0	22
61	A wet-tolerant adhesive patch inspired by protuberances in suction cups of octopi. Nature, 2017, 546, 396-400.	13.7	369
62	Therapeutic Angiogenesis via Solar Cell-Facilitated Electrical Stimulation. ACS Applied Materials & Interfaces, 2017, 9, 38344-38355.	4.0	29
63	Thermosensitive, Stretchable, and Piezoelectric Substrate for Generation of Myogenic Cell Sheet Fragments from Human Mesenchymal Stem Cells for Skeletal Muscle Regeneration. Advanced Functional Materials, 2017, 27, 1703853.	7.8	42
64	Aqueous-phase synthesis of metal nanoparticles using phosphates as stabilizers. Korean Journal of Chemical Engineering, 2017, 34, 231-233.	1.2	1
65	Zinc Oxide Nanorodâ€Based Piezoelectric Dermal Patch for Wound Healing. Advanced Functional Materials, 2017, 27, 1603497.	7.8	132
66	Aqueous-phase synthesis of single crystal ZnO nanobolts. Journal of Industrial and Engineering Chemistry, 2016, 36, 59-65.	2.9	12
67	Enhanced Collection Efficiency of Nanoparticles by Electrostatic Precipitator with Needle-Cylinder Configuration. Journal of Nanoscience and Nanotechnology, 2016, 16, 6884-6888.	0.9	3
68	A Facile Surface Modification of Polyethylenimine-Stabilized Gold Nanoparticles and Their Enhanced Cytotoxicity. Journal of Nanoscience and Nanotechnology, 2016, 16, 7043-7048.	0.9	2
69	An Environmentally-Conscious Approach to the Synthesis and Separation of Ultrasmall Si Nanoparticles. Journal of Nanoscience and Nanotechnology, 2016, 16, 7091-7095.	0.9	0
70	Enhanced Bone Repair by Guided Osteoblast Recruitment Using Topographically Defined Implant. Tissue Engineering - Part A, 2016, 22, 654-664.	1.6	30
71	Enhancing Therapeutic Efficacy and Reducing Cell Dosage in Stem Cell Transplantation Therapy for Ischemic Limb Diseases by Modifying the Cell Injection Site. Tissue Engineering - Part A, 2016, 22, 349-362.	1.6	7
72	Microscale Soft Patterning for Solution Processable Metal Oxide Thin Film Transistors. ACS Applied Materials & Interfaces, 2016, 8, 7205-7211.	4.0	12

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73	Injury-Mediated Vascular Regeneration Requires Endothelial ER71/ETV2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 86-96.	1.1	54
74	A Dual Delivery of Substance P and Bone Morphogenetic Protein-2 for Mesenchymal Stem Cell Recruitment and Bone Regeneration. Tissue Engineering - Part A, 2015, 21, 1275-1287.	1.6	37
75	Transplantation of Heterospheroids of Islet Cells and Mesenchymal Stem Cells for Effective Angiogenesis and Antiapoptosis. Tissue Engineering - Part A, 2015, 21, 1024-1035.	1.6	28
76	pH-triggered release of manganese from MnAu nanoparticles that enables cellular neuronal differentiation without cellular toxicity. Biomaterials, 2015, 55, 33-43.	5.7	28
77	Mesenchymal Stem Cells Aggregate and Deliver Gold Nanoparticles to Tumors for Photothermal Therapy. ACS Nano, 2015, 9, 9678-9690.	7.3	155
78	Incorporation of Gold-Coated Microspheres into Embryoid Body of Human Embryonic Stem Cells for Cardiomyogenic Differentiation. Tissue Engineering - Part A, 2015, 21, 374-381.	1.6	8
79	Conditioned medium of adipose-derived stromal cell culture in three-dimensional bioreactors for enhanced wound healing. Journal of Surgical Research, 2015, 194, 8-17.	0.8	36
80	Covalent conjugation of mechanically stiff graphene oxide flakes to three-dimensional collagen scaffolds for osteogenic differentiation of human mesenchymal stem cells. Carbon, 2015, 83, 162-172.	5.4	110
81	Delivery of bone morphogenetic protein-2 and substance P using graphene oxide for bone regeneration. International Journal of Nanomedicine, 2014, 9 Suppl 1, 107.	3.3	62
82	Efficacious and Clinically Relevant Conditioned Medium of Human Adipose-derived Stem Cells for Therapeutic Angiogenesis. Molecular Therapy, 2014, 22, 862-872.	3.7	135
83	Dual Roles of Graphene Oxide in Chondrogenic Differentiation of Adult Stem Cells: Cellâ€Adhesion Substrate and Growth Factorâ€Delivery Carrier. Advanced Functional Materials, 2014, 24, 6455-6464.	7.8	138
84	Grapheneâ€'Regulated Cardiomyogenic Differentiation Process of Mesenchymal Stem Cells by Enhancing the Expression of Extracellular Matrix Proteins and Cell Signaling Molecules. Advanced Healthcare Materials, 2014, 3, 176-181.	3.9	133
85	Graphene enhances the cardiomyogenic differentiation of human embryonic stem cells. Biochemical and Biophysical Research Communications, 2014, 452, 174-180.	1.0	97
86	Bone morphogenetic protein-2 for bone regeneration â€“ Dose reduction through graphene oxide-based delivery. Carbon, 2014, 78, 428-438.	5.4	38
87	Hyaluronateâ€“Gold Nanoparticle/Tocilizumab Complex for the Treatment of Rheumatoid Arthritis. ACS Nano, 2014, 8, 4790-4798.	7.3	178
88	Mesenchymal Stem Cell-Conditioned Medium Enhances Osteogenic and Chondrogenic Differentiation of Human Embryonic Stem Cells and Human Induced Pluripotent Stem Cells by Mesodermal Lineage Induction. Tissue Engineering - Part A, 2014, 20, 1306-1313.	1.6	28
89	Delivery of a Therapeutic Protein for Bone Regeneration from a Substrate Coated with Graphene Oxide. Small, 2013, 9, 4051-4060.	5.2	178
90	Enhanced Hemangioblast Generation and Improved Vascular Repair and Regeneration from Embryonic Stem Cells by Defined Transcription Factors. Stem Cell Reports, 2013, 1, 166-182.	2.3	21

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91	Enhanced neuronal differentiation of pheochromocytoma 12 cells on polydopamine-modified surface. Biochemical and Biophysical Research Communications, 2013, 430, 1294-1300.	1.0	29
92	Mutual effect of subcutaneously transplanted human adipose-derived stem cells and pancreatic islets within fibrin gel. Biomaterials, 2013, 34, 7247-7256.	5.7	38
93	pH-Responsive Assembly of Gold Nanoparticles and â€œSpatiotemporally Concertedâ€•Drug Release for Synergistic Cancer Therapy. ACS Nano, 2013, 7, 3388-3402.	7.3	161
94	Culture on a 3,4-Dihydroxy-<scp>l</scp>-Phenylalanine-Coated Surface Promotes the Osteogenic Differentiation of Human Mesenchymal Stem Cells. Tissue Engineering - Part A, 2013, 19, 1255-1263.	1.6	7
95	Platelet-Rich Plasma Enhances the Dermal Regeneration Efficacy of Human Adipose-Derived Stromal Cells Administered to Skin Wounds. Cell Transplantation, 2013, 22, 437-445.	1.2	23
96	Volume-Stable Adipose Tissue Formation by Implantation of Human Adipose-Derived Stromal Cells Using Solid Free-Form Fabrication-Based Polymer Scaffolds. Annals of Plastic Surgery, 2013, 70, 98-102.	0.5	8
97	Enhanced Chondrogenic Differentiation of Human Adipose-derived Stem Cells with Inverse Opal Scaffolds. Korean Chemical Engineering Research, 2013, 51, 727-732.	0.2	0
98	Three-Dimensional Cell Grafting Enhances the Angiogenic Efficacy of Human Umbilical Vein Endothelial Cells. Tissue Engineering - Part A, 2012, 18, 310-319.	1.6	44
99	Transplantation of Cord Blood Mesenchymal Stem Cells as Spheroids Enhances Vascularization. Tissue Engineering - Part A, 2012, 18, 2138-2147.	1.6	172
100	In Situ Cardiomyogenic Differentiation of Implanted Bone Marrow Mononuclear Cells by Local Delivery of Transforming Growth Factor-Î²1. Cell Transplantation, 2012, 21, 299-312.	1.2	13
101	A Bioreducible Polymer for Efficient Delivery of Fasâ€Silencing siRNA into Stem Cell Spheroids and Enhanced Therapeutic Angiogenesis. Angewandte Chemie - International Edition, 2012, 51, 11899-11903.	7.2	26
102	Self-Assembled Extracellular Macromolecular Matrices and Their Different Osteogenic Potential with Preosteoblasts and Rat Bone Marrow Mesenchymal Stromal Cells. Biomacromolecules, 2012, 13, 2811-2820.	2.6	52
103	Enhancement of long-term angiogenic efficacy of adipose stem cells by delivery of FGF2. Microvascular Research, 2012, 84, 1-8.	1.1	27
104	Enhanced Cartilage Formation via Three-Dimensional Cell Engineering of Human Adipose-Derived Stem Cells. Tissue Engineering - Part A, 2012, 18, 1949-1956.	1.6	135
105	3,4â€dihydroxyâ€<scp>L</scp>â€phenylalanine as a cell adhesion molecule in serumâ€free cell culture. Biotechnology Progress, 2012, 28, 1055-1060.	1.3	11
106	Dual roles of hyaluronic acids in multilayer films capturing nanocarriers for drug-eluting coatings. Biomaterials, 2012, 33, 5468-5477.	5.7	29
107	Bacterial Adhesionâ€Resistant Poly(2â€hydroxyethyl methacrylate) Derivative for Mammalian Cell Cultures. Macromolecular Bioscience, 2012, 12, 211-217.	2.1	7
108	Electroactive Electrospun Polyaniline/Poly[(<scp>L</scp>â€lactide)â€coâ€(Îµâ€caprolactone)] Fibers for Control of Neural Cell Function. Macromolecular Bioscience, 2012, 12, 402-411.	2.1	57

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109	Apatite-Coated Collagen Scaffold for Bone Morphogenetic Protein-2 Delivery. Tissue Engineering - Part A, 2011, 17, 2153-2164.	1.6	46
110	Enhancement of Human Peripheral Blood Mononuclear Cell Transplantation-Mediated Bone Formation. Cell Transplantation, 2011, 20, 1445-1452.	1.2	10
111	Delivery of fibroblast growth factor 2 enhances the viability of cord blood-derived mesenchymal stem cells transplanted to ischemic limbs. Journal of Bioscience and Bioengineering, 2011, 111, 584-589.	1.1	14
112	Skin regeneration with fibroblast growth factor 2 released from heparin-conjugated fibrin. Biotechnology Letters, 2011, 33, 845-851.	1.1	13
113	Angiogenesis in ischemic tissue produced by spheroid grafting of human adipose-derived stromal cells. Biomaterials, 2011, 32, 2734-2747.	5.7	327
114	Enhanced chondrogenic marker expression of human mesenchymal stem cells by interaction with both TGFâ€Î²3 and hyaluronic acid. Biotechnology and Applied Biochemistry, 2011, 58, 271-276.	1.4	18
115	Hyaline Cartilage Regeneration by Combined Therapy of Microfracture and Long-Term Bone Morphogenetic Protein-2 Delivery. Tissue Engineering - Part A, 2011, 17, 1809-1818.	1.6	71
116	Combined Gene Therapy with Hypoxia-Inducible Factor-1Î± and Heme Oxygenase-1 for Therapeutic Angiogenesis. Tissue Engineering - Part A, 2011, 17, 915-926.	1.6	16
117	Enhanced skin wound healing by a sustained release of growth factors contained in platelet-rich plasma. Experimental and Molecular Medicine, 2011, 43, 622.	3.2	111
118	Cyclic mechanical strain promotes transformingâ€growthâ€factorâ€Î²1â€mediated cardiomyogenic marker expression in boneâ€marrowâ€derived mesenchymal stem cells in vitro. Biotechnology and Applied Biochemistry, 2010, 55, 191-197.	1.4	22
119	Anti-coagulating hydroxyethyl starch blended with hyaluronic acid as a novel post-surgical adhesion barrier. Macromolecular Research, 2010, 18, 1076-1080.	1.0	6
120	Active Blood Vessel Formation in the Ischemic Hindlimb Mouse Model Using a Microsphere/Hydrogel Combination System. Pharmaceutical Research, 2010, 27, 767-774.	1.7	58
121	The Efficacy of Bone Morphogenetic Proteinâ€2 Depends on Its Mode of Delivery. Artificial Organs, 2010, 34, 1150-1153.	1.0	54
122	Suspension Culture of Mammalian Cells Using Thermosensitive Microcarrier that Allows Cell Detachment without Proteolytic Enzyme Treatment. Cell Transplantation, 2010, 19, 1123-1132.	1.2	77
123	Delivery of Basic Fibroblast Growth Factor Using Heparin-Conjugated Fibrin for Therapeutic Angiogenesis. Tissue Engineering - Part A, 2010, 16, 2113-2119.	1.6	39
124	Heparin-Conjugated Fibrin as an Injectable System for Sustained Delivery of Bone Morphogenetic Protein-2. Tissue Engineering - Part A, 2010, 16, 1225-1233.	1.6	107
125	Apatite-Coated Porous Poly(lactic-co-glycolic acid) Microspheres as an Injectable Bone Substitute. Journal of Biomaterials Science, Polymer Edition, 2010, 21, 635-645.	1.9	18
126	Genetic engineering of human stem cells for enhanced angiogenesis using biodegradable polymeric nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3317-3322.	3.3	278

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127	Effect of Cross-Linking Reagents for Hyaluronic Acid Hydrogel Dermal Fillers on Tissue Augmentation and Regeneration. Bioconjugate Chemistry, 2010, 21, 240-247.	1.8	109
128	Locally Delivered Growth Factor Enhances the Angiogenic Efficacy of Adipose-Derived Stromal Cells Transplanted to Ischemic Limbs. Stem Cells, 2009, 27, 1976-1986.	1.4	72
129	The effect of the controlled release of nerve growth factor from collagen gel on the efficiency of neural cell culture. Biomaterials, 2009, 30, 126-132.	5.7	41
130	Enhanced nerve growth factor efficiency in neural cell culture by immobilization on the culture substrate. Biochemical and Biophysical Research Communications, 2009, 382, 315-320.	1.0	18
131	Hyaluronic Acidâ^'Quantum Dot Conjugates for In Vivo Lymphatic Vessel Imaging. ACS Nano, 2009, 3, 1389-1398.	7.3	157
132	The effect of cyclic strain on embryonic stem cell-derived cardiomyocytes. Biomaterials, 2008, 29, 844-856.	5.7	114
133	Combined therapy with human cord blood cell transplantation and basic fibroblast growth factor delivery for treatment of myocardial infarction. European Journal of Heart Failure, 2007, 9, 974-985.	2.9	19
134	Basic fibroblast growth factor promotes bone marrow stromal cell transplantation-mediated neural regeneration in traumatic brain injury. Biochemical and Biophysical Research Communications, 2007, 359, 40-45.	1.0	42
135	The behavior of neural stem cells on biodegradable synthetic polymers. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 223-239.	1.9	88
136	Controlled release of nerve growth factor from fibrin gel. Journal of Biomedical Materials Research - Part A, 2007, 80A, 998-1002.	2.1	40
137	Additive effect of endothelial progenitor cell mobilization and bone marrow mononuclear cell transplantation on angiogenesis in mouse ischemic limbs. Journal of Biomedical Science, 2007, 14, 323-330.	2.6	43
138	Enhancement of Angiogenic Efficacy of Human Cord Blood Cell Transplantation. Tissue Engineering, 2006, 12, 1651-1661.	4.9	34