# Jae Ho Kim

## List of Publications by Year in descending order



| | | | |
|---|---|---|---|
| 120 papers | 4,026 citations | 117619 34 h-index | 138468 58 g-index |
| 121 all docs | 121 docs citations | 121 times ranked | 6087 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 3D cell printing of inÂvitro stabilized skin model and inÂvivo pre-vascularized skin patch using tissue-specific extracellular matrixÂbioink: A step towards advanced skin tissue engineering. Biomaterials, 2018, 168, 38-53. | 11.4 | 347 |
| 2 | Sphingosylphosphorylcholine induces differentiation of human mesenchymal stem cells into smooth-muscle-like cells through a TGF-Î²-dependent mechanism. Journal of Cell Science, 2006, 119, 4994-5005. | 2.0 | 155 |
| 3 | Cancer-Derived Lysophosphatidic Acid Stimulates Differentiation of Human Mesenchymal Stem Cells to Myofibroblast-Like Cells. Stem Cells, 2008, 26, 789-797. | 3.2 | 143 |
| 4 | Recent advances in stem cell therapeutics and tissue engineering strategies. Biomaterials Research, 2018, 22, 36. | 6.9 | 131 |
| 5 | Cancer stem cell metabolism: target for cancer therapy. BMB Reports, 2018, 51, 319-326. | 2.4 | 120 |
| 6 | Tumor necrosis factor-Î±-activated mesenchymal stem cells promote endothelial progenitor cell homing and angiogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 2136-2144. | 3.8 | 112 |
| 7 | Ca2+-dependent Inhibition of Na+/H+ Exchanger 3 (NHE3) Requires an NHE3-E3KARP-Î±-Actinin-4 Complex for Oligomerization and Endocytosis. Journal of Biological Chemistry, 2002, 277, 23714-23724. | 3.4 | 111 |
| 8 | Role of c-Jun N-terminal kinase in the PDGF-induced proliferation and migration of human adipose tissue-derived mesenchymal stem cells. Journal of Cellular Biochemistry, 2005, 95, 1135-1145. | 2.6 | 106 |
| 9 | Ca<sup>2+</sup>-dependent inhibition of NHE3 requires PKCÎ± which binds to E3KARP to decrease surface NHE3 containing plasma membrane complexes. American Journal of Physiology - Cell Physiology, 2003, 285, C1527-C1536. | 4.6 | 91 |
| 10 | Autotaxin Regulates Maintenance of Ovarian Cancer Stem Cells through Lysophosphatidic Acid-Mediated Autocrine Mechanism. Stem Cells, 2016, 34, 551-564. | 3.2 | 90 |
| 11 | Oncostatin M promotes osteogenesis and suppresses adipogenic differentiation of human adipose tissue-derived mesenchymal stem cells. Journal of Cellular Biochemistry, 2007, 101, 1238-1251. | 2.6 | 88 |
| 12 | Human mesenchymal stem cell differentiation to the osteogenic or adipogenic lineage is regulated by AMPâ€activated protein kinase. Journal of Cellular Physiology, 2012, 227, 1680-1687. | 4.1 | 88 |
| 13 | Hypoxia-NOTCH1-SOX2 signaling is important for maintaining cancer stem cells in ovarian cancer. Oncotarget, 2016, 7, 55624-55638. | 1.8 | 84 |
| 14 | Lysophosphatidic Acid Stimulates Brush Border Na+/H+ Exchanger 3 (NHE3) Activity by Increasing Its Exocytosis by an NHE3 Kinase A Regulatory Protein-dependent Mechanism. Journal of Biological Chemistry, 2003, 278, 16494-16501. | 3.4 | 79 |
| 15 | The Roles of PDZ-Containing Proteins in PLC-Î²-Mediated Signaling. Biochemical and Biophysical Research Communications, 2001, 288, 1-7. | 2.1 | 76 |
| 16 | WKYMVm-Induced Activation of Formyl Peptide Receptor 2 Stimulates Ischemic Neovasculogenesis by Promoting Homing of Endothelial Colony-Forming Cells. Stem Cells, 2014, 32, 779-790. | 3.2 | 69 |
| 17 | A Rho Kinase/Myocardin-Related Transcription Factor-Aâ€“Dependent Mechanism Underlies the Sphingosylphosphorylcholine-Induced Differentiation of Mesenchymal Stem Cells Into Contractile Smooth Muscle Cells. Circulation Research, 2008, 103, 635-642. | 4.5 | 67 |
| 18 | FOXP1 functions as an oncogene in promoting cancer stem cell-like characteristics in ovarian cancer cells. Oncotarget, 2016, 7, 3506-3519. | 1.8 | 65 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparative analysis of the secretory proteome of human adipose stromal vascular fraction cells during adipogenesis. Proteomics, 2010, 10, 394-405. | 2.2 | 64 |
| 20 | Human adipose stromal cells expanded in human serum promote engraftment of human peripheral blood hematopoietic stem cells in NOD/SCID mice. Biochemical and Biophysical Research Communications, 2005, 329, 25-31. | 2.1 | 55 |
| 21 | Sphingosylphosphorylcholine induces proliferation of human adipose tissue-derived mesenchymal stem cells via activation of JNK. Journal of Lipid Research, 2006, 47, 653-664. | 4.2 | 55 |
| 22 | Thromboxane A2 Induces Differentiation of Human Mesenchymal Stem Cells to Smooth Muscle-Like Cells. Stem Cells, 2009, 27, 191-199. | 3.2 | 55 |
| 23 | Ovarian cancer-derived lysophosphatidic acid stimulates secretion of VEGF and stromal cell-derived factor-1Î± from human mesenchymal stem cells. Experimental and Molecular Medicine, 2010, 42, 280. | 7.7 | 51 |
| 24 | Crucial role of HMGA1 in the self-renewal and drug resistance of ovarian cancer stem cells. Experimental and Molecular Medicine, 2016, 48, e255-e255. | 7.7 | 51 |
| 25 | Lysophosphatidic acid in malignant ascites stimulates migration of human mesenchymal stem cells. Journal of Cellular Biochemistry, 2008, 104, 499-510. | 2.6 | 49 |
| 26 | Oncostatin M induces proliferation of human adipose tissue-derived mesenchymal stem cells. International Journal of Biochemistry and Cell Biology, 2005, 37, 2357-2365. | 2.8 | 46 |
| 27 | Thromboxane A<sub>2</sub>modulates migration, proliferation, and differentiation of adipose tissue-derived mesenchymal stem cells. Experimental and Molecular Medicine, 2009, 41, 17. | 7.7 | 46 |
| 28 | Lysophosphatidic acid induces cell migration through the selective activation of Akt1. Experimental and Molecular Medicine, 2008, 40, 445. | 7.7 | 42 |
| 29 | Trp-Lys-Tyr-Met-Val-d-Met is a chemoattractant for human phagocytic cells. Journal of Leukocyte Biology, 1999, 66, 915-922. | 3.3 | 41 |
| 30 | Mesenchymal stem cells stimulate angiogenesis in a murine xenograft model of A549 human adenocarcinoma through an LPA1 receptor-dependent mechanism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 1205-1213. | 2.4 | 40 |
| 31 | Lysophosphatidic acidâ€induced expression of periostin in stromal cells: Prognoistic relevance of periostin expression in epithelial ovarian cancer. International Journal of Cancer, 2011, 128, 332-342. | 5.1 | 40 |
| 32 | Notch1 acts via Foxc2 to promote definitive hematopoiesis via effects on hemogenic endothelium. Blood, 2015, 125, 1418-1426. | 1.4 | 40 |
| 33 | Functional expression of smooth muscle-specific ion channels in TGF-Î²<sub>1</sub>-treated human adipose-derived mesenchymal stem cells. American Journal of Physiology - Cell Physiology, 2013, 305, C377-C391. | 4.6 | 38 |
| 34 | Oncostatin M decreases adiponectin expression and induces dedifferentiation of adipocytes by JAK3- and MEK-dependent pathways. International Journal of Biochemistry and Cell Biology, 2007, 39, 439-449. | 2.8 | 37 |
| 35 | Oncostatin M promotes mesenchymal stem cell-stimulated tumor growth through a paracrine mechanism involving periostin and TGFBI. International Journal of Biochemistry and Cell Biology, 2013, 45, 1869-1877. | 2.8 | 37 |
| 36 | Calcium Channels as Novel Therapeutic Targets for Ovarian Cancer Stem Cells. International Journal of Molecular Sciences, 2020, 21, 2327. | 4.1 | 35 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Formyl Peptide Receptor 2 Is Involved in Cardiac Repair After Myocardial Infarction Through Mobilization of Circulating Angiogenic Cells. Stem Cells, 2017, 35, 654-665. | 3.2 | 33 |
| 38 | Lysophosphatidic acid mediates migration of human mesenchymal stem cells stimulated by synovial fluid of patients with rheumatoid arthritis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 23-30. | 2.4 | 32 |
| 39 | Periostin mediates human adipose tissue-derived mesenchymal stem cell-stimulated tumor growth in a xenograft lung adenocarcinoma model. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 2061-2070. | 4.1 | 32 |
| 40 | Periostin Accelerates Bone Healing Mediated by Human Mesenchymal Stem Cell-Embedded Hydroxyapatite/Tricalcium Phosphate Scaffold. PLoS ONE, 2015, 10, e0116698. | 2.5 | 32 |
| 41 | Structural characterization and interaction of periostin and bone morphogenetic protein for regulation of collagen cross-linking. Biochemical and Biophysical Research Communications, 2014, 449, 425-431. | 2.1 | 30 |
| 42 | Sphingosylphosphorylcholine induces apoptosis of endothelial cells through reactive oxygen species-mediated activation of ERK. Journal of Cellular Biochemistry, 2007, 100, 1536-1547. | 2.6 | 29 |
| 43 | Doxorubicin Regulates Autophagy Signals via Accumulation of Cytosolic Ca2+ in Human Cardiac Progenitor Cells. International Journal of Molecular Sciences, 2016, 17, 1680. | 4.1 | 29 |
| 44 | Synthesis and Characterization of Water-Soluble Conjugated Oligoelectrolytes for Near-Infrared Fluorescence Biological Imaging. ACS Applied Materials & Interfaces, 2016, 8, 15937-15947. | 8.0 | 29 |
| 45 | N-Acetylated Proline-Glycine-Proline Accelerates Cutaneous Wound Healing and Neovascularization by Human Endothelial Progenitor Cells. Scientific Reports, 2017, 7, 43057. | 3.3 | 28 |
| 46 | Role of autotaxin in cancer stem cells. Cancer and Metastasis Reviews, 2018, 37, 509-518. | 5.9 | 27 |
| 47 | Macrophages Regulate Smooth Muscle Differentiation of Mesenchymal Stem Cells via a Prostaglandin F <sub>2Î±</sub> â^'Mediated Paracrine Mechanism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2733-2740. | 2.4 | 26 |
| 48 | Novel highly specific antiâ€periostin antibodies uncover the functional importance of the fascilin 1â€1 domain and highlight preferential expression of periostin in aggressive breast cancer. International Journal of Cancer, 2016, 138, 1959-1970. | 5.1 | 26 |
| 49 | WKYMVm hexapeptide, a strong formyl peptide receptor 2 agonist, attenuates hyperoxia-induced lung injuries in newborn mice. Scientific Reports, 2019, 9, 6815. | 3.3 | 25 |
| 50 | Proteomic Identification of ADAM12 as a Regulator for TGF-Î²1-Induced Differentiation of Human Mesenchymal Stem Cells to Smooth Muscle Cells. PLoS ONE, 2012, 7, e40820. | 2.5 | 24 |
| 51 | CD166 promotes the cancer stem-like properties of primary epithelial ovarian cancer cells. BMB Reports, 2020, 53, 622-627. | 2.4 | 24 |
| 52 | Formyl peptide receptor 2 determines sex-specific differences in the progression of nonalcoholic fatty liver disease and steatohepatitis. Nature Communications, 2022, 13, 578. | 12.8 | 24 |
| 53 | Proteomic Identification of Betaig-h3 as a Lysophosphatidic Acid-Induced Secreted Protein of Human Mesenchymal Stem Cells: Paracrine Activation of A549 Lung Adenocarcinoma Cells by Betaig-h3. Molecular and Cellular Proteomics, 2012, 11, M111.012385. | 3.8 | 23 |
| 54 | KrÃ¼ppel-like factor 4 mediates lysophosphatidic acid-stimulated migration and proliferation of PC3M prostate cancer cells. Experimental and Molecular Medicine, 2014, 46, e104-e104. | 7.7 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Injectable PLGA microspheres encapsulating WKYMVM peptide for neovascularization. Acta Biomaterialia, 2015, 25, 76-85. | 8.3 | 23 |
| 56 | Oncostatin M stimulates expression of stromal-derived factor-1 in human mesenchymal stem cells. International Journal of Biochemistry and Cell Biology, 2007, 39, 650-659. | 2.8 | 22 |
| 57 | Therapeutic angiogenesis in a murine model of limb ischemia by recombinant periostin and its fasciclin I domain. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1324-1332. | 3.8 | 22 |
| 58 | Stimulation of cutaneous wound healing by an FPR2â€specific peptide agonist WKYMVm. Wound Repair and Regeneration, 2015, 23, 575-582. | 3.0 | 22 |
| 59 | Role of KrÃ¼ppel-Like Factor 4 in the Maintenance of Chemoresistance of Anaplastic Thyroid Cancer. Thyroid, 2017, 27, 1424-1432. | 4.5 | 22 |
| 60 | Lysophosphatidic acid induces exocytic trafficking of Na+/H+ exchanger 3 by E3KARP-dependent activation of phospholipase C. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1683, 59-68. | 2.4 | 21 |
| 61 | Synovial fluid of patients with rheumatoid arthritis induces Î±-smooth muscle actin in human adipose tissue-derived mesenchymal stem cells through a TGF-Î²1-dependent mechanism. Experimental and Molecular Medicine, 2010, 42, 565. | 7.7 | 21 |
| 62 | Isolation of Foreign Material-Free Endothelial Progenitor Cells Using CD31 Aptamer and Therapeutic Application for Ischemic Injury. PLoS ONE, 2015, 10, e0131785. | 2.5 | 21 |
| 63 | Role of Notch1 in the arterial specification and angiogenic potential of mouse embryonic stem cell-derived endothelial cells. Stem Cell Research and Therapy, 2018, 9, 197. | 5.5 | 20 |
| 64 | Role of MEK-ERK pathway in sphingosylphosphorylcholine-induced cell death in human adipose tissue-derived mesenchymal stem cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2005, 1734, 25-33. | 2.4 | 19 |
| 65 | Sphingosylphosphorylcholine generates reactive oxygen species through calcium-, protein kinase CÎ´- and phospholipase D-dependent pathways. Cellular Signalling, 2005, 17, 777-787. | 3.6 | 18 |
| 66 | Therapeutic Strategies for Targeting Ovarian Cancer Stem Cells. International Journal of Molecular Sciences, 2021, 22, 5059. | 4.1 | 18 |
| 67 | Trib2 regulates the pluripotency of embryonic stem cells and enhances reprogramming efficiency. Experimental and Molecular Medicine, 2017, 49, e401-e401. | 7.7 | 17 |
| 68 | Lysophosphatidic acid activates TGFBIp expression in human corneal fibroblasts through a TGF-Î²1-dependent pathway. Cellular Signalling, 2012, 24, 1241-1250. | 3.6 | 16 |
| 69 | Effects of mechanical stimulation on the reprogramming of somatic cells into human-induced pluripotent stem cells. Stem Cell Research and Therapy, 2017, 8, 139. | 5.5 | 16 |
| 70 | Sodium/glucose Co-Transporter 2 Inhibitor, Empagliflozin, Alleviated Transient Expression of SGLT2 after Myocardial Infarction. Korean Circulation Journal, 2021, 51, 251. | 1.9 | 16 |
| 71 | Coadministration of endothelial and smooth muscle cells derived from human induced pluripotent stem cells as a therapy for critical limb ischemia. Stem Cells Translational Medicine, 2021, 10, 414-426. | 3.3 | 14 |
| 72 | Tomatidine-stimulated maturation of human embryonic stem cell-derived cardiomyocytes for modeling mitochondrial dysfunction. Experimental and Molecular Medicine, 2022, 54, 493-502. | 7.7 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Lysophosphatidic acid-induced ADAM12 expression mediates human adipose tissue-derived mesenchymal stem cell-stimulated tumor growth. International Journal of Biochemistry and Cell Biology, 2012, 44, 2069-2076. | 2.8 | 13 |
| 74 | Poziotinib suppresses ovarian cancer stem cell growth via inhibition of HER4-mediated STAT5 pathway. Biochemical and Biophysical Research Communications, 2020, 526, 158-164. | 2.1 | 13 |
| 75 | Platelet-Activating Factor Receptor Mediates Oxidized Low Density Lipoprotein-Induced Migration of Bone Marrow-Derived Mesenchymal Stem Cells. Cellular Physiology and Biochemistry, 2010, 26, 689-698. | 1.6 | 12 |
| 76 | Role of formyl peptide receptor 2 in homing of endothelial progenitor cells and therapeutic angiogenesis. Advances in Biological Regulation, 2015, 57, 162-172. | 2.3 | 12 |
| 77 | Identification of a novel angiogenic peptide from periostin. PLoS ONE, 2017, 12, e0187464. | 2.5 | 12 |
| 78 | Kap1 regulates the self-renewal of embryonic stem cells and cellular reprogramming by modulating Oct4 protein stability. Cell Death and Differentiation, 2021, 28, 685-699. | 11.2 | 12 |
| 79 | High Glucose Causes Human Cardiac Progenitor Cell Dysfunction by Promoting Mitochondrial Fission: Role of a GLUT1 Blocker. Biomolecules and Therapeutics, 2016, 24, 363-370. | 2.4 | 12 |
| 80 | TRRAP stimulates the tumorigenic potential of ovarian cancer stem cells. BMB Reports, 2018, 51, 514-519. | 2.4 | 12 |
| 81 | Phenotypic change of mesenchymal stem cells into smooth muscle cells regulated by dynamic cell-surface interactions on patterned arrays of ultrathin graphene oxide substrates. Journal of Nanobiotechnology, 2022, 20, 17. | 9.1 | 12 |
| 82 | Sphingosylphosphorylcholine stimulates expression of fibronectin through TGF-Î²1-Smad-dependent mechanism in human mesenchymal stem cells. International Journal of Biochemistry and Cell Biology, 2007, 39, 1224-1234. | 2.8 | 11 |
| 83 | Upregulation of P21-Activated Kinase 1 (PAK1)/CREB Axis in Squamous Non-Small Cell Lung Carcinoma. Cellular Physiology and Biochemistry, 2018, 50, 304-316. | 1.6 | 11 |
| 84 | Ischemiaâ€induced Netrinâ€4 promotes neovascularization through endothelial progenitor cell activation via Uncâ€5 Netrin receptor B. FASEB Journal, 2020, 34, 1231-1246. | 0.5 | 11 |
| 85 | Regulation of the protein stability and transcriptional activity of OCT4 in stem cells. Advances in Biological Regulation, 2021, 79, 100777. | 2.3 | 11 |
| 86 | Formyl Peptide Receptor 2 Alleviates Hepatic Fibrosis in Liver Cirrhosis by Vascular Remodeling. International Journal of Molecular Sciences, 2021, 22, 2107. | 4.1 | 11 |
| 87 | Reptin Regulates Pluripotency of Embryonic Stem Cells and Somatic Cell Reprogramming Through Oct4-Dependent Mechanism. Stem Cells, 2014, 32, 3126-3136. | 3.2 | 10 |
| 88 | Phospholipid End-Capped Bioreducible Polyurea Micelles as a Potential Platform for Intracellular Drug Delivery of Doxorubicin in Tumor Cells. ACS Biomaterials Science and Engineering, 2016, 2, 1883-1893. | 5.2 | 10 |
| 89 | Efficient Production of Retroviruses Using PLGA/bPEI-DNA Nanoparticles and Application for Reprogramming Somatic Cells. PLoS ONE, 2013, 8, e76875. | 2.5 | 10 |
| 90 | Yolkâ€“Shell-Type Gold Nanoaggregates for Chemo- and Photothermal Combination Therapy for Drug-Resistant Cancers. ACS Applied Materials & Interfaces, 2021, 13, 53519-53529. | 8.0 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Inhibition of MEK-ERK pathway enhances oncolytic vaccinia virus replication in doxorubicin-resistant ovarian cancer. Molecular Therapy - Oncolytics, 2022, 25, 211-224. | 4.4 | 10 |
| 92 | Biomedical therapy using synthetic WKYMVm hexapeptide. Organogenesis, 2016, 12, 53-60. | 1.2 | 9 |
| 93 | Role of CXCR2 in the Ac-PGP-Induced Mobilization of Circulating Angiogenic Cells and its Therapeutic Implications. Stem Cells Translational Medicine, 2019, 8, 236-246. | 3.3 | 9 |
| 94 | Atrial natriuretic peptide accelerates human endothelial progenitor cellâ€“stimulated cutaneous wound healing and angiogenesis. Wound Repair and Regeneration, 2018, 26, 116-126. | 3.0 | 9 |
| 95 | Adequate concentration of B cell leukemia/lymphoma 3 (Bcl3) is required for pluripotency and self-renewal of mouse embryonic stem cells via downregulation of Nanog transcription. BMB Reports, 2018, 51, 92-97. | 2.4 | 9 |
| 96 | Lnk is an important modulator of insulin-like growth factor-1/Akt/peroxisome proliferator-activated receptor-gamma axis during adipogenesis of mesenchymal stem cells. Korean Journal of Physiology and Pharmacology, 2016, 20, 459. | 1.2 | 8 |
| 97 | SURF4 has oncogenic potential in NIH3T3 cells. Biochemical and Biophysical Research Communications, 2018, 502, 43-47. | 2.1 | 8 |
| 98 | Role of stem cell mobilization in the treatment of ischemic diseases. Archives of Pharmacal Research, 2019, 42, 224-231. | 6.3 | 8 |
| 99 | Selective elimination of human pluripotent stem cells by Anti-Dsg2 antibody-doxorubicin conjugates. Biomaterials, 2020, 259, 120265. | 11.4 | 8 |
| 100 | WKYMVm ameliorates acute lung injury via neutrophil antimicrobial peptide derived STAT1/IRF1 pathway. Biochemical and Biophysical Research Communications, 2020, 533, 313-318. | 2.1 | 7 |
| 101 | Drug evaluation based on phosphomimetic PDHA1 reveals the complexity of activity-related cell death in A549 non-small cell lung cancer cells. BMB Reports, 2021, 54, 563-568. | 2.4 | 7 |
| 102 | Pathophysiological role of 27-hydroxycholesterol in human diseases. Advances in Biological Regulation, 2022, 83, 100837. | 2.3 | 6 |
| 103 | Quantification and application of a liquid chromatographyâ€“tandem mass spectrometric method for the determination of WKYMVm peptide in rat using solidâ€phase extraction. Biomedical Chromatography, 2018, 32, e4107. | 1.7 | 5 |
| 104 | The Role of Lysophosphatidic Acid in Adult Stem Cells. International Journal of Stem Cells, 2020, 13, 182-191. | 1.8 | 4 |
| 105 | Application of periostin peptide-decorated self-assembled protein cage nanoparticles for therapeutic angiogenesis. BMB Reports, 2022, 55, 175-180. | 2.4 | 4 |
| 106 | Synthetic Polypeptides with Cationic Arginine Moieties Showing High Antimicrobial Activity in Similar Mineral Environments to Blood Plasma. Polymers, 2022, 14, 1868. | 4.5 | 4 |
| 107 | Functional expression and pharmaceutical efficacy of cardiac-specific ion channels in human embryonic stem cell-derived cardiomyocytes. Scientific Reports, 2017, 7, 13821. | 3.3 | 3 |
| 108 | TRIB2 Stimulates Cancer Stem-Like Properties through Activating the AKT-GSK3Î²-Î²-Catenin Signaling Axis. Molecules and Cells, 2021, 44, 481-492. | 2.6 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | The anti-microbial peptide SR-0379 stimulates human endothelial progenitor cell-mediated repair of peripheral artery diseases. BMB Reports, 2017, 50, 504-509. | 2.4 | 3 |
| 110 | Cardiotoxicity induced by the combination therapy of chloroquine and azithromycin in human embryonic stem cell-derived cardiomyocytes. BMB Reports, 2020, 53, 545-550. | 2.4 | 3 |
| 111 | Combination Therapy of Placenta-Derived Mesenchymal Stem Cells with WKYMVm Promotes Hepatic Function in a Rat Model with Hepatic Disease via Vascular Remodeling. Cells, 2022, 11, 232. | 4.1 | 3 |
| 112 | Oxidized phosphatidylcholine induces migration of bone marrow-derived mesenchymal stem cells through KrÃ¼ppel-like factor 4-dependent mechanism. Molecular and Cellular Biochemistry, 2011, 352, 109-115. | 3.1 | 2 |
| 113 | Poly(N-isopropylacrylamide)-b-Poly(L-lysine)-b-Poly(L-histidine) Triblock Amphiphilic Copolymer Nanomicelles for Dual-Responsive Anticancer Drug Delivery. Journal of Nanoscience and Nanotechnology, 2020, 20, 6959-6967. | 0.9 | 2 |
| 114 | Kap1 Regulates the Stability of Lin28A in Embryonic Stem Cells. Stem Cells, 2022, 40, 385-396. | 3.2 | 2 |
| 115 | Benefits of Angiotensin Receptor Blockade: Preventing Smooth Muscle Cell Senescence and Beyond. Korean Circulation Journal, 2019, 49, 627. | 1.9 | 1 |
| 116 | Mesenchymal Stem Cell-Mediated Therapy of Peripheral Artery Disease Is Stimulated by a Lamin A-Progerin Binding Inhibitor. Journal of Lipid and Atherosclerosis, 2020, 9, 460. | 3.5 | 1 |
| 117 | Drug evaluation based on phosphomimetic PDHA1 reveals the complexity of activity-related cell death in A549 non-small cell lung cancer cells. BMB Reports, 2021, 54, 563-568. | 2.4 | 1 |
| 118 | Large multiprotein complexes are involved in short-term regulation of the epithelial brush border Na+/H+ exchanger NHE3. , 2003, , 20-21. | | 0 |
| 119 | Lysophosphatidic acid in ascites from ovarian cancer patients selectively activates Akt1 to induce cell migration. FASEB Journal, 2008, 22, 580-580. | 0.5 | 0 |
| 120 | Application of Periostin Peptide-Decorated Self-Assembled Protein Cage Nanoparticles for Therapeutic Angiogenesis. BMB Reports, 2021, , . | 2.4 | 0 |