

Sang Hun Lee

List of Publications by Year in descending order

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124
papers

5,217
citations

101384

36
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102304

66
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130
all docs

130
docs citations

130
times ranked

8127
citing authors

#	ARTICLE	IF	CITATIONS
1	Block of A1 astrocyte conversion by microglia is neuroprotective in models of Parkinson's disease. <i>Nature Medicine</i> , 2018, 24, 931-938.	15.2	712
2	The Roles of Autophagy in Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3466.	1.8	631
3	Tissue Engineered Bio-Blood Vessels Constructed Using a Tissue-Specific Bioink and 3D Coaxial Cell Printing Technique: A Novel Therapy for Ischemic Disease. <i>Advanced Functional Materials</i> , 2017, 27, 1700798.	7.8	231
4	Heat Shock Proteins: Agents of Cancer Development and Therapeutic Targets in Anti-Cancer Therapy. <i>Cells</i> , 2020, 9, 60.	1.8	180
5	Pivotal role of vascular endothelial growth factor pathway in tumor angiogenesis. <i>Annals of Surgical Treatment and Research</i> , 2015, 89, 1.	0.4	164
6	Comparison of Cervical Spine Biomechanics After Fixed- and Mobile-Core Artificial Disc Replacement. <i>Spine</i> , 2011, 36, 700-708.	1.0	130
7	Hypoxic Preconditioning Promotes the Bioactivities of Mesenchymal Stem Cells via the HIF-1 α -GRP78-Akt Axis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1320.	1.8	100
8	Tauroursodeoxycholic acid reduces ER stress by regulating of Akt-dependent cellular prion protein. <i>Scientific Reports</i> , 2016, 6, 39838.	1.6	97
9	Long-Duration Three-Dimensional Spheroid Culture Promotes Angiogenic Activities of Adipose-Derived Mesenchymal Stem Cells. <i>Biomolecules and Therapeutics</i> , 2016, 24, 260-267.	1.1	88
10	Melatonin and 5-Fluorouracil co-suppress colon cancer stem cells by regulating cellular prion protein-Oct4 axis. <i>Journal of Pineal Research</i> , 2018, 65, e12519.	3.4	82
11	Lipid rafts play an important role for maintenance of embryonic stem cell self-renewal. <i>Journal of Lipid Research</i> , 2010, 51, 2082-2089.	2.0	74
12	Potential and Therapeutic Efficacy of Cell-based Therapy Using Mesenchymal Stem Cells for Acute/chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1619.	1.8	74
13	The Dual Role of Autophagy in Cancer Development and a Therapeutic Strategy for Cancer by Targeting Autophagy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 179.	1.8	73
14	Fucoidan inhibits the migration and proliferation of HT-29 human colon cancer cells via the phosphoinositide-3 kinase/Akt/mechanistic target of rapamycin pathways. <i>Molecular Medicine Reports</i> , 2015, 12, 3446-3452.	1.1	67
15	Melatonin suppresses senescence-derived mitochondrial dysfunction in mesenchymal stem cells via the HSPA1A-mitophagy pathway. <i>Aging Cell</i> , 2020, 19, e13111.	3.0	67
16	BNIP3 induction by hypoxia stimulates FASN-dependent free fatty acid production enhancing therapeutic potential of umbilical cord blood-derived human mesenchymal stem cells. <i>Redox Biology</i> , 2017, 13, 426-443.	3.9	60
17	Melatonin protects chronic kidney disease mesenchymal stem cells against senescence via PrP ^C -dependent enhancement of the mitochondrial function. <i>Journal of Pineal Research</i> , 2019, 66, e12535.	3.4	60
18	Restoration of CTSD (cathepsin D) and lysosomal function in stroke is neuroprotective. <i>Autophagy</i> , 2021, 17, 1330-1348.	4.3	58

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19	Arachidonic acid potentiates hypoxia-induced VEGF expression in mouse embryonic stem cells: involvement of Notch, Wnt, and HIF-1 β . <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C207-C216.	2.1	57
20	Hypoxia Inhibits Cellular Senescence to Restore the Therapeutic Potential of Old Human Endothelial Progenitor Cells via the Hypoxia-Inducible Factor-1 α -TWIST-p21 Axis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2407-2414.	1.1	57
21	Antitumor Effects of Fucoidan on Human Colon Cancer Cells via Activation of Akt Signaling. <i>Biomolecules and Therapeutics</i> , 2015, 23, 225-232.	1.1	56
22	Melatonin β -stimulated exosomes enhance the regenerative potential of chronic kidney disease β -derived mesenchymal stem/stromal cells via cellular prion proteins. <i>Journal of Pineal Research</i> , 2020, 68, e12632.	3.4	56
23	Role of FAK phosphorylation in hypoxia-induced hMSCS migration: involvement of VEGF as well as MAPKS and eNOS pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C847-C856.	2.1	55
24	Hypoxia-induced expression of cellular prion protein improves the therapeutic potential of mesenchymal stem cells. <i>Cell Death and Disease</i> , 2016, 7, e2395-e2395.	2.7	53
25	Role of hypoxia β -induced fibronectin β -integrin β 1 expression in embryonic stem cell proliferation and migration: Involvement of PI3K/Akt and FAK. <i>Journal of Cellular Physiology</i> , 2011, 226, 484-493.	2.0	52
26	High glucose upregulates BACE1-mediated A β 2 production through ROS-dependent HIF-1 β and LXRI β /ABCA1-regulated lipid raft reorganization in SK-N-MC cells. <i>Scientific Reports</i> , 2016, 6, 36746.	1.6	52
27	Asymptomatic Cervical Cord Compression in Lumbar Spinal Stenosis Patients. <i>Spine</i> , 2010, 35, 2057-2063.	1.0	50
28	Fucoidan protects mesenchymal stem cells against oxidative stress and enhances vascular regeneration in a murine hindlimb ischemia model. <i>International Journal of Cardiology</i> , 2015, 198, 187-195.	0.8	48
29	The Sulfated Polysaccharide Fucoidan Rescues Senescence of Endothelial Colony-Forming Cells for Ischemic Repair. <i>Stem Cells</i> , 2015, 33, 1939-1951.	1.4	47
30	Cervical Sagittal Alignment: Literature Review and Future Directions. <i>Neurospine</i> , 2020, 17, 478-496.	1.1	47
31	Pretreatment with Lycopene Attenuates Oxidative Stress-Induced Apoptosis in Human Mesenchymal Stem Cells. <i>Biomolecules and Therapeutics</i> , 2015, 23, 517-524.	1.1	47
32	CD34 Hybrid Cells Promote Endothelial Colony-Forming Cell Bioactivity and Therapeutic Potential for Ischemic Diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1622-1634.	1.1	45
33	Potential of biological effects of mesenchymal stem cells in ischemic conditions by melatonin via upregulation of cellular prion protein expression. <i>Journal of Pineal Research</i> , 2017, 62, e12385.	3.4	45
34	Arachidonic acid release by H ₂ O ₂ mediated proliferation of mouse embryonic stem cells: Involvement of Ca ²⁺ /PKC and MAPKs β -induced EGFR transactivation. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 787-797.	1.2	43
35	Enhancement of Functionality and Therapeutic Efficacy of Cell-Based Therapy Using Mesenchymal Stem Cells for Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 982.	1.8	43
36	Genistein Promotes Endothelial Colony-Forming Cell (ECFC) Bioactivities and Cardiac Regeneration in Myocardial Infarction. <i>PLoS ONE</i> , 2014, 9, e96155.	1.1	40

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37	Melatonin Rescues Mesenchymal Stem Cells from Senescence Induced by the Uremic Toxin p-Cresol via Inhibiting mTOR-Dependent Autophagy. <i>Biomolecules and Therapeutics</i> , 2018, 26, 389-398.	1.1	37
38	Pivotal Roles of Ginsenoside Rg3 in Tumor Apoptosis Through Regulation of Reactive Oxygen Species. <i>Anticancer Research</i> , 2016, 36, 4647-4654.	0.5	37
39	Effect of dihydrotestosterone on hydrogen peroxide-induced apoptosis of mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2008, 216, 269-275.	2.0	36
40	Delayed esophageal perforation after anterior cervical fusion and retropharyngeal steroid use: a report of two cases. <i>Spine Journal</i> , 2015, 15, e75-e80.	0.6	36
41	Fucoidan Rescues p-Cresol-Induced Cellular Senescence in Mesenchymal Stem Cells via FAK-Akt-TWIST Axis. <i>Marine Drugs</i> , 2018, 16, 121.	2.2	36
42	Therapeutic Application of Diverse Marine-derived Natural Products in Cancer Therapy. <i>Anticancer Research</i> , 2019, 39, 5261-5284.	0.5	34
43	Effect of arachidonic acid on hypoxia-induced IL-6 production in mouse ES cells: Involvement of MAPKs, NF- κ B, and HIF-1 α . <i>Journal of Cellular Physiology</i> , 2010, 222, 574-585.	2.0	32
44	Hypoxia accelerates vascular repair of endothelial colony-forming cells on ischemic injury via STAT3-BCL3 axis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 139.	2.4	30
45	Effect of Hypoxia on 2-Deoxyglucose Uptake and Cell Cycle Regulatory Protein Expression of Mouse Embryonic Stem Cells: Involvement of Ca ²⁺ /PKC, MAPKs and HIF-1 α . <i>Cellular Physiology and Biochemistry</i> , 2007, 19, 269-282.	1.1	29
46	Melatonin Promotes Apoptosis of Colorectal Cancer Cells via Superoxide-mediated ER Stress by Inhibiting Cellular Prion Protein Expression. <i>Anticancer Research</i> , 2018, 38, 3951-3960.	0.5	29
47	Midkine prevented hypoxic injury of mouse embryonic stem cells through activation of Akt and HIF-1 α via low-density lipoprotein receptor-related protein-1. <i>Journal of Cellular Physiology</i> , 2012, 227, 1731-1739.	2.0	28
48	Fucoidan improves bioactivity and vasculogenic potential of mesenchymal stem cells in murine hind limb ischemia associated with chronic kidney disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 97, 169-179.	0.9	28
49	Melatonin protects mesenchymal stem cells from autophagy-mediated death under ischaemic ER stress conditions by increasing prion protein expression. <i>Cell Proliferation</i> , 2019, 52, e12545.	2.4	28
50	PrPC Aptamer Conjugated Gold Nanoparticles for Targeted Delivery of Doxorubicin to Colorectal Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1976.	1.8	28
51	Exosomes isolated from melatonin-stimulated mesenchymal stem cells improve kidney function by regulating inflammation and fibrosis in a chronic kidney disease mouse model. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110596.	2.3	28
52	PGC-1 α Controls Mitochondrial Biogenesis in Drug-Resistant Colorectal Cancer Cells by Regulating Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1707.	1.8	26
53	Caveolin-1 and integrin β 1 regulate embryonic stem cell proliferation via p38 MAPK and FAK in high glucose. <i>Journal of Cellular Physiology</i> , 2011, 226, 1850-1859.	2.0	25
54	Cellular Prion Protein Enhances Drug Resistance of Colorectal Cancer Cells via Regulation of a Survival Signal Pathway. <i>Biomolecules and Therapeutics</i> , 2018, 26, 313-321.	1.1	25

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55	Selective Interference Targeting of Lnk in Umbilical Cord-Derived Late Endothelial Progenitor Cells Improves Vascular Repair, Following Hind Limb Ischemic Injury, via Regulation of JAK2/STAT3 Signaling. <i>Stem Cells</i> , 2015, 33, 1490-1500.	1.4	24
56	Cross Talk with Hematopoietic Cells Regulates the Endothelial Progenitor Cell Differentiation of CD34 Positive Cells. <i>PLoS ONE</i> , 2014, 9, e106310.	1.1	24
57	Melatonin Promotes Apoptosis of Oxaliplatin-resistant Colorectal Cancer Cells Through Inhibition of Cellular Prion Protein. <i>Anticancer Research</i> , 2018, 38, 1993-2000.	0.5	24
58	Cripto Enhances Proliferation and Survival of Mesenchymal Stem Cells by Up-Regulating JAK2/STAT3 Pathway in a GRP78-Dependent Manner. <i>Biomolecules and Therapeutics</i> , 2018, 26, 464-473.	1.1	24
59	cAMP Promotes Cell Migration Through Cell Junctional Complex Dynamics and Actin Cytoskeleton Remodeling: Implications in Skin Wound Healing. <i>Stem Cells and Development</i> , 2015, 24, 2513-2524.	1.1	23
60	Hypoxia-induced PGC-1 β Regulates Mitochondrial Function and Tumorigenesis of Colorectal Cancer Cells. <i>Anticancer Research</i> , 2019, 39, 4865-4876.	0.5	23
61	Interferon α -induced transmembrane protein 1-mediated EGFR/SOX2 signaling axis is essential for progression of non-small cell lung cancer. <i>International Journal of Cancer</i> , 2019, 144, 2020-2032.	2.3	22
62	Combination of MSC spheroids wrapped within autologous composite sheet dually protects against immune rejection and enhances stem cell transplantation efficacy. <i>Tissue and Cell</i> , 2018, 53, 93-103.	1.0	21
63	Glutamine contributes to maintenance of mouse embryonic stem cell self-renewal through PKC-dependent downregulation of HDAC1 and DNMT1/3a. <i>Cell Cycle</i> , 2015, 14, 3292-3305.	1.3	20
64	The change of whole lumbar segmental motion according to the mobility of degenerated disc in the lower lumbar spine: a kinetic MRI study. <i>European Spine Journal</i> , 2015, 24, 1893-1900.	1.0	20
65	VPS35 regulates parkin substrate AIMP2 toxicity by facilitating lysosomal clearance of AIMP2. <i>Cell Death and Disease</i> , 2017, 8, e2741-e2741.	2.7	20
66	Pioglitazone Protects Mesenchymal Stem Cells against P-Cresol-Induced Mitochondrial Dysfunction via Up-Regulation of PINK-1. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2898.	1.8	20
67	Melatonin Enhances Mitophagy by Upregulating Expression of Heat Shock 70 kDa Protein 1L in Human Mesenchymal Stem Cells under Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4545.	1.8	20
68	TUDCA-Treated Mesenchymal Stem Cells Protect against ER Stress in the Hippocampus of a Murine Chronic Kidney Disease Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 613.	1.8	20
69	The Cellular Prion Protein: A Promising Therapeutic Target for Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9208.	1.8	19
70	Netrin-1-Induced Stem Cell Bioactivity Contributes to the Regeneration of Injured Tissues via the Lipid Raft-Dependent Integrin β 4 Signaling Pathway. <i>Scientific Reports</i> , 2016, 6, 37526.	1.6	18
71	Co-Administration of Melatonin Effectively Enhances the Therapeutic Effects of Pioglitazone on Mesenchymal Stem Cells Undergoing Indoxyl Sulfate-Induced Senescence through Modulation of Cellular Prion Protein Expression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1367.	1.8	18
72	Role of Interleukin-6 in the Control of DNA Synthesis of Hepatocytes: Involvement of PKC, p44/42 MAPKs, and PPAR γ . <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 673-684.	1.1	17

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73	Melatonin Protects Human Renal Proximal Tubule Epithelial Cells Against High Glucose-Mediated Fibrosis via the Cellular Prion Protein-TGF- β 2-Smad Signaling Axis. <i>International Journal of Medical Sciences</i> , 2020, 17, 1235-1245.	1.1	17
74	Optimally dosed nanoceria attenuates osteoarthritic degeneration of joint cartilage and subchondral bone. <i>Chemical Engineering Journal</i> , 2021, 422, 130066.	6.6	17
75	Silencing Prion Protein in HT29 Human Colorectal Cancer Cells Enhances Anticancer Response to Fucoidan. <i>Anticancer Research</i> , 2016, 36, 4449-4458.	0.5	17
76	A <i>Vibrio vulnificus</i> VvpM Induces IL-1 β Production Coupled with Necrotic Macrophage Death via Distinct Spatial Targeting by ANXA2. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 352.	1.8	16
77	TUDCA-treated chronic kidney disease-derived hMSCs improve therapeutic efficacy in ischemic disease via PrPC. <i>Redox Biology</i> , 2019, 22, 101144.	3.9	15
78	Bovine milk extracellular vesicles induce the proliferation and differentiation of osteoblasts and promote osteogenesis in rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13705.	1.2	15
79	Melatonin Treatment Improves Renal Fibrosis via miR-4516/SIAH3/PINK1 Axis. <i>Cells</i> , 2021, 10, 1682.	1.8	15
80	Tauroursodeoxycholic Acid Protects against the Effects of P-Cresol-Induced Reactive Oxygen Species via the Expression of Cellular Prion Protein. <i>International Journal of Molecular Sciences</i> , 2018, 19, 352.	1.8	14
81	Fucoidan Suppresses Mitochondrial Dysfunction and Cell Death against 1-Methyl-4-Phenylpyridinium-Induced Neuronal Cytotoxicity via Regulation of PGC-1 β Expression. <i>Marine Drugs</i> , 2019, 17, 518.	2.2	14
82	Melatonin Suppresses Renal Cortical Fibrosis by Inhibiting Cytoskeleton Reorganization and Mitochondrial Dysfunction through Regulation of miR-4516. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5323.	1.8	14
83	GRP78 Regulates Apoptosis, Cell Survival and Proliferation in 5-Fluorouracil-resistant SNUC5 Colon Cancer Cells. <i>Anticancer Research</i> , 2017, 37, 4943-4951.	0.5	14
84	High glucose induced translocation of Aquaporin8 to chicken hepatocyte plasma membrane: Involvement of cAMP, PI3K/Akt, PKC, MAPKs, and microtubule. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1089-1100.	1.2	13
85	A potential mechanism for short time exposure to hypoxia-induced DNA synthesis in primary cultured chicken hepatocytes: Correlation between Ca ²⁺ /PKC/MAPKs and PI3K/Akt/mTOR. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1598-1611.	1.2	13
86	Specific disruption of Lnk in murine endothelial progenitor cells promotes dermal wound healing via enhanced vasculogenesis, activation of myofibroblasts, and suppression of inflammatory cell recruitment. <i>Stem Cell Research and Therapy</i> , 2016, 7, 158.	2.4	13
87	Protective Role of Fucoidan on Cisplatin-mediated ER Stress in Renal Proximal Tubule Epithelial Cells. <i>Anticancer Research</i> , 2019, 39, 5515-5524.	0.5	13
88	Influence of the Number of Cervical Fusion Levels on Cervical Spine Motion and Health-Related Quality of Life. <i>Spine</i> , 2016, 41, E474-E480.	1.0	12
89	Pioglitazone Improves the Function of Human Mesenchymal Stem Cells in Chronic Kidney Disease Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2314.	1.8	12
90	Enhanced Susceptibility to 5-Fluorouracil in Human Colon Cancer Cells by Silencing of GRP78. <i>Anticancer Research</i> , 2017, 37, 2975-2984.	0.5	12

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91	Topical Administration of Melatonin-Loaded Extracellular Vesicle-Mimetic Nanovesicles Improves 2,4-Dinitrofluorobenzene-Induced Atopic Dermatitis. <i>Biomolecules</i> , 2021, 11, 1450.	1.8	12
92	Comparative analysis of heart functions in micropigs and conventional pigs using echocardiography and radiography. <i>Journal of Veterinary Science</i> , 2007, 8, 7.	0.5	11
93	Prion Protein of Extracellular Vesicle Regulates the Progression of Colorectal Cancer. <i>Cancers</i> , 2021, 13, 2144.	1.7	11
94	The Safety Zone of Percutaneous Cervical Approach. <i>Spine</i> , 2007, 32, E569-E574.	1.0	10
95	Role of PrPC in Cancer Stem Cell Characteristics and Drug Resistance in Colon Cancer Cells. <i>Anticancer Research</i> , 2020, 40, 5611-5620.	0.5	10
96	Melatonin suppresses ischemia-induced fibrosis by regulating miR-149. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 354-359.	1.0	10
97	Melatonin-Induced PGC-1 β Improves Angiogenic Potential of Mesenchymal Stem Cells in Hindlimb Ischemia. <i>Biomolecules and Therapeutics</i> , 2020, 28, 240-249.	1.1	9
98	Effect of EGF on [3H]-thymidine incorporation and cell cycle regulatory proteins in primary cultured chicken hepatocytes: Involvement of Ca ²⁺ /PKC and MAPKs. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 1677-1687.	1.2	8
99	Outcome Analysis of Single Level Anterior Cervical Fusion using Interbody PEEK Cage with Autologous Iliac Bone Graft. <i>The Journal of the Korean Orthopaedic Association</i> , 2009, 44, 93.	0.0	8
100	Lnk is an important modulator of insulin-like growth factor-1/Akt/peroxisome proliferator-activated receptor-gamma axis during adipogenesis of mesenchymal stem cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 459.	0.6	8
101	Engineered M13 Nanofiber Accelerates Ischemic Neovascularization by Enhancing Endothelial Progenitor Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 787-802.	1.6	8
102	Role of Peroxisome Proliferator-Activated Receptor (PPAR) γ in Embryonic Stem Cell Proliferation. <i>International Journal of Stem Cells</i> , 2009, 2, 28-34.	0.8	8
103	PrPC Regulates the Cancer Stem Cell Properties via Interaction With c-Met in Colorectal Cancer Cells. <i>Anticancer Research</i> , 2021, 41, 3459-3470.	0.5	7
104	Regulation of DNA synthesis in mouse embryonic stem cells by transforming growth factor- β : Involvement of the PI3-K/Akt and Notch/Wnt signaling pathways. <i>Growth Factors</i> , 2008, 26, 104-116.	0.5	6
105	Comparison of cardiac function and coronary angiography between conventional pigs and micropigs as measured by multidetector row computed tomography. <i>Journal of Veterinary Science</i> , 2008, 9, 121.	0.5	6
106	Oncogenic function of angiopoietin-2 in vitro and its modulation of tumor progression in colorectal carcinoma. <i>Oncology Letters</i> , 2017, 14, 553-560.	0.8	6
107	C-Met-Activated Mesenchymal Stem Cells Rescue Ischemic Damage via Interaction with Cellular Prion Protein. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1835-1848.	1.1	6
108	Casein Kinase 2 β Enhances 5-Fluorouracil Resistance in Colorectal Cancer Cells by Inhibiting Endoplasmic Reticulum Stress. <i>Anticancer Research</i> , 2020, 40, 1419-1426.	0.5	6

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109	Knockdown of CK2 β reduces <i>P</i> -cresol-induced fibrosis in human renal proximal tubule epithelial cells via the downregulation of profilin-1. International Journal of Medical Sciences, 2020, 17, 2850-2860.	1.1	5
110	Enhanced inhibition of tumor growth using TRAIL-overexpressing adipose-derived stem cells in combination with the chemotherapeutic agent CPT-11 in castration-resistant prostate cancer. Prostate International, 2021, 9, 31-41.	1.2	5
111	Spontaneous Vertebral Column Dislocation in Neurofibromatosis - A Case Report -. The Journal of the Korean Orthopaedic Association, 2007, 42, 822.	0.0	5
112	Role of hypoxia-mediated cellular prion protein functional change in stem cells and potential application in angiogenesis. Molecular Medicine Reports, 2017, 16, 5747-5751.	1.1	4
113	Inhibition of lewis lung cancer cell growth and migration by fucoidan. Molecular and Cellular Toxicology, 2014, 10, 269-276.	0.8	3
114	Melatonin Protects Chronic Kidney Disease Mesenchymal Stem/Stromal Cells against Accumulation of Methylglyoxal via Modulation of Hexokinase-2 Expression. Biomolecules and Therapeutics, 2021, , .	1.1	3
115	Tissue Engineering: Tissue Engineered Bioâ€Bloodâ€Vessels Constructed Using a Tissueâ€Specific Bioink and 3D Coaxial Cell Printing Technique: A Novel Therapy for Ischemic Disease (Adv. Funct. Mater. 33(2017)). Advanced Functional Materials, 2017, 27, .	7.8	3
116	The Posterior Decompression and Posterior Lumbar Interbody Fusion Using a Mini-open Technique: New Suggestion of Minimally Invasive Technique A Preliminary Report. The Journal of the Korean Orthopaedic Association, 2003, 38, 492.	0.0	3
117	C1-2 Transarticular Screw Fixation as a Revision Surgery for Failed C1-2 Fusion - Case Report -. Journal of Korean Society of Spine Surgery, 2002, 9, 251.	0.3	2
118	Revision Arthrodesis After Lumbar Fusion in Degenerative Lumbar Disease. The Journal of the Korean Orthopaedic Association, 2003, 38, 659.	0.0	2
119	Management of Deep Wound Infection After Posterior Lumbar Interbody Fusion With Cages. Journal of Korean Society of Spine Surgery, 2010, 17, 184.	0.1	1
120	Cervical Myelopathy due to Ossification of Yellow Ligament in a Patient with Reiter's Syndrome. Journal of Korean Society of Spine Surgery, 2002, 9, 374.	0.3	0
121	Totalen blocSpondylectomy for Solitary Metastatic Spinal Tumor. Journal of Korean Society of Spine Surgery, 2003, 10, 303.	0.3	0
122	Posterior Surgery of Neurologically Compromised Osteoporotic Kyphosis - Posterolateral Decompression and Stabilization using Titanium Mesh -. The Journal of the Korean Orthopaedic Association, 2008, 43, 791.	0.0	0
123	The Effect of Conservative Treatment for the Calcific Tendinitis on Gluteus Medius Tendon. The Korean Journal of Sports Medicine, 2011, 29, 89.	0.3	0
124	Posterior Dynamic Stabilization with Selective Wide Decompression for Multilevel Lumbar Stenosis - Preliminary Result -. Journal of Korean Society of Spine Surgery, 2009, 16, 194.	0.3	0