Sang Hun Lee

List of Publications by Year
in descending order

124	5,217	101384	102304
papers	citations	36 h-index	66 g-index

130	130	130	8127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	PrPC Aptamer Conjugatedâ€“Gold Nanoparticles for Targeted Delivery of Doxorubicin to Colorectal Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 1976.	1.8	28
3	Bovine milk extracellular vesicles induce the proliferation and differentiation of osteoblasts and promote osteogenesis in rats. Journal of Food Biochemistry, 2021, 45, e13705.	1.2	15
4	Prion Protein of Extracellular Vesicle Regulates the Progression of Colorectal Cancer. Cancers, 2021, 13, 2144.	1.7	11
5	Melatonin Treatment Improves Renal Fibrosis via miR-4516/SIAH3/PINK1 Axis. Cells, 2021, 10, 1682.	1.8	15
6	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
7	PrPC Regulates the Cancer Stem Cell Properties via Interaction With c-Met in Colorectal Cancer Cells. Anticancer Research, 2021, 41, 3459-3470.	0.5	7
8	Optimally dosed nanoceria attenuates osteoarthritic degeneration of joint cartilage and subchondral bone. Chemical Engineering Journal, 2021, 422, 130066.	6.6	17
9	Restoration of CTSD (cathepsin D) and lysosomal function in stroke is neuroprotective. Autophagy, 2021, 17, 1330-1348.	4.3	58
10	The Dual Role of Autophagy in Cancer Development and a Therapeutic Strategy for Cancer by Targeting Autophagy. International Journal of Molecular Sciences, 2021, 22, 179.	1.8	73
11	Topical Administration of Melatonin-Loaded Extracellular Vesicle-Mimetic Nanovesicles Improves 2,4-Dinitrofluorobenzene-Induced Atopic Dermatitis. Biomolecules, 2021, 11, 1450.	1.8	12
12	Exosomes isolated from melatonin-stimulated mesenchymal stem cells improve kidney function by regulating inflammation and fibrosis in a chronic kidney disease mouse model. Journal of Tissue Engineering, 2021, 12, 204173142110596.	2.3	28
13	Heat Shock Proteins: Agents of Cancer Development and Therapeutic Targets in Anti-Cancer Therapy. Cells, 2020, 9, 60.	1.8	180
14	Role of PrPC in Cancer Stem Cell Characteristics and Drug Resistance in Colon Cancer Cells. Anticancer Research, 2020, 40, 5611-5620.	0.5	10
15	The Cellular Prion Protein: A Promising Therapeutic Target for Cancer. International Journal of Molecular Sciences, 2020, 21, 9208.	1.8	19
16	Melatonin Suppresses Renal Cortical Fibrosis by Inhibiting Cytoskeleton Reorganization and Mitochondrial Dysfunction through Regulation of miR-4516. International Journal of Molecular Sciences, 2020, 21, 5323.	1.8	14
17	Knockdown of CK2Î± reduces P-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
18	Melatonin Protects Human Renal Proximal Tubule Epithelial Cells Against High Glucose-Mediated Fibrosis via the Cellular Prion Protein-TGF-Î²-Smad Signaling Axis. International Journal of Medical Sciences, 2020, 17, 1235-1245.	1.1	17

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19	Casein Kinase 2Î± Enhances 5-Fluorouracil Resistance in Colorectal Cancer Cells by Inhibiting Endoplasmic Reticulum Stress. Anticancer Research, 2020, 40, 1419-1426.	0.5	6
20	Melatonin suppresses ischemia-induced fibrosis by regulating miR-149. Biochemical and Biophysical Research Communications, 2020, 525, 354-359.	1.0	10
21	Melatonin suppresses senescenceâ€derived mitochondrial dysfunction in mesenchymal stem cells via the HSPA1Lâ€“mitophagy pathway. Aging Cell, 2020, 19, e13111.	3.0	67
22	Melatoninâ€stimulated exosomes enhance the regenerative potential of chronic kidney diseaseâ€derived mesenchymal stem/stromal cells via cellular prion proteins. Journal of Pineal Research, 2020, 68, e12632.	3.4	56
23	Cervical Sagittal Alignment: Literature Review and Future Directions. Neurospine, 2020, 17, 478-496.	1.1	47
24	Melatonin-Induced PGC-1Î± Improves Angiogenic Potential of Mesenchymal Stem Cells in Hindlimb Ischemia. Biomolecules and Therapeutics, 2020, 28, 240-249.	1.1	9
25	Protective Role of Fucoidan on Cisplatin-mediated ER Stress in Renal Proximal Tubule Epithelial Cells. Anticancer Research, 2019, 39, 5515-5524.	0.5	13
26	Fucoidan Suppresses Mitochondrial Dysfunction and Cell Death against 1-Methyl-4-Phenylpyridinum-Induced Neuronal Cytotoxicity via Regulation of PGC-1Î± Expression. Marine Drugs, 2019, 17, 518.	2.2	14
27	Melatonin Enhances Mitophagy by Upregulating Expression of Heat Shock 70 kDa Protein 1L in Human Mesenchymal Stem Cells under Oxidative Stress. International Journal of Molecular Sciences, 2019, 20, 4545.	1.8	20
28	Hypoxia-induced PGC-1Î± Regulates Mitochondrial Function and Tumorigenesis of Colorectal Cancer Cells. Anticancer Research, 2019, 39, 4865-4876.	0.5	23
29	Therapeutic Application of Diverse Marine-derived Natural Products in Cancer Therapy. Anticancer Research, 2019, 39, 5261-5284.	0.5	34
30	Pioglitazone Improves the Function of Human Mesenchymal Stem Cells in Chronic Kidney Disease Patients. International Journal of Molecular Sciences, 2019, 20, 2314.	1.8	12
31	Enhancement of Functionality and Therapeutic Efficacy of Cell-Based Therapy Using Mesenchymal Stem Cells for Cardiovascular Disease. International Journal of Molecular Sciences, 2019, 20, 982.	1.8	43
32	PGC-1Î± Controls Mitochondrial Biogenesis in Drug-Resistant Colorectal Cancer Cells by Regulating Endoplasmic Reticulum Stress. International Journal of Molecular Sciences, 2019, 20, 1707.	1.8	26
33	Potential and Therapeutic Efficacy of Cell-based Therapy Using Mesenchymal Stem Cells for Acute/chronic Kidney Disease. International Journal of Molecular Sciences, 2019, 20, 1619.	1.8	74
34	TUDCA-Treated Mesenchymal Stem Cells Protect against ER Stress in the Hippocampus of a Murine Chronic Kidney Disease Model. International Journal of Molecular Sciences, 2019, 20, 613.	1.8	20
35	TUDCA-treated chronic kidney disease-derived hMSCs improve therapeutic efficacy in ischemic disease via PrPC. Redox Biology, 2019, 22, 101144.	3.9	15
36	Melatonin protects mesenchymal stem cells from autophagyâ€mediated death under ischaemic ERâ€stress conditions by increasing prion protein expression. Cell Proliferation, 2019, 52, e12545.	2.4	28

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37	Melatonin protects chronic kidney disease mesenchymal stem cells against senescence via PrP^Câ€dependent enhancement of the mitochondrial function. Journal of Pineal Research, 2019, 66, e12535.	3.4	60
38	Interferonâ€induced transmembrane protein 1â€mediated EGFR/SOX2 signaling axis is essential for progression of nonâ€small cell lung cancer. International Journal of Cancer, 2019, 144, 2020-2032.	2.3	22
39	C-Met-Activated Mesenchymal Stem Cells Rescue Ischemic Damage via Interaction with Cellular Prion Protein. Cellular Physiology and Biochemistry, 2018, 46, 1835-1848.	1.1	6
40	Melatonin Rescues Mesenchymal Stem Cells from Senescence Induced by the Uremic Toxin p-Cresol via Inhibiting mTOR-Dependent Autophagy. Biomolecules and Therapeutics, 2018, 26, 389-398.	1.1	37
41	The Roles of Autophagy in Cancer. International Journal of Molecular Sciences, 2018, 19, 3466.	1.8	631
42	Pioglitazone Protects Mesenchymal Stem Cells against P-Cresol-Induced Mitochondrial Dysfunction via Up-Regulation of PINK-1. International Journal of Molecular Sciences, 2018, 19, 2898.	1.8	20
43	Melatonin Promotes Apoptosis of Colorectal Cancer Cells via Superoxide-mediated ER Stress by Inhibiting Cellular Prion Protein Expression. Anticancer Research, 2018, 38, 3951-3960.	0.5	29
44	Tauroursodeoxycholic Acid Protects against the Effects of P-Cresol-Induced Reactive Oxygen Species via the Expression of Cellular Prion Protein. International Journal of Molecular Sciences, 2018, 19, 352.	1.8	14
45	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. International Journal of Molecular Sciences, 2018, 19, 1367.	1.8	18
46	Fucoidan Rescues p-Cresol-Induced Cellular Senescence in Mesenchymal Stem Cells via FAK-Akt-TWIST Axis. Marine Drugs, 2018, 16, 121.	2.2	36
47	Combination of MSC spheroids wrapped within autologous composite sheet dually protects against immune rejection and enhances stem cell transplantation efficacy. Tissue and Cell, 2018, 53, 93-103.	1.0	21
48	Melatonin and 5â€fluorouracil coâ€suppress colon cancer stem cells by regulating cellular prion proteinâ€Oct4 axis. Journal of Pineal Research, 2018, 65, e12519.	3.4	82
49	Block of A1 astrocyte conversion by microglia is neuroprotective in models of Parkinsonâ€™s disease. Nature Medicine, 2018, 24, 931-938.	15.2	712
50	Melatonin Promotes Apoptosis of Oxaliplatin-resistant Colorectal Cancer Cells Through Inhibition of Cellular Prion Protein. Anticancer Research, 2018, 38, 1993-2000.	0.5	24
51	Cellular Prion Protein Enhances Drug Resistance of Colorectal Cancer Cells via Regulation of a Survival Signal Pathway. Biomolecules and Therapeutics, 2018, 26, 313-321.	1.1	25
52	Cripto Enhances Proliferation and Survival of Mesenchymal Stem Cells by Up-Regulating JAK2/STAT3 Pathway in a GRP78-Dependent Manner. Biomolecules and Therapeutics, 2018, 26, 464-473.	1.1	24
53	Potentiation of biological effects of mesenchymal stem cells in ischemic conditions by melatonin via upregulation of cellular prion protein expression. Journal of Pineal Research, 2017, 62, e12385.	3.4	45
54	Oncogenic function of angiopoietin-2 in vitro and its modulation of tumor progression in colorectal carcinoma. Oncology Letters, 2017, 14, 553-560.	0.8	6

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55	VPS35 regulates parkin substrate AIMP2 toxicity by facilitating lysosomal clearance of AIMP2. Cell Death and Disease, 2017, 8, e2741-e2741.	2.7	20
56	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
57	BNIP3 induction by hypoxia stimulates FASN-dependent free fatty acid production enhancing therapeutic potential of umbilical cord blood-derived human mesenchymal stem cells. Redox Biology, 2017, 13, 426-443.	3.9	60
58	Tissue Engineered Bioâ€Bloodâ€Vessels Constructed Using a Tissueâ€Specific Bioink and 3D Coaxial Cell Printing Technique: A Novel Therapy for Ischemic Disease. Advanced Functional Materials, 2017, 27, 1700798.	7.8	231
59	Engineered M13 Nanofiber Accelerates Ischemic Neovascularization by Enhancing Endothelial Progenitor Cells. Tissue Engineering and Regenerative Medicine, 2017, 14, 787-802.	1.6	8
60	Hypoxic Preconditioning Promotes the Bioactivities of Mesenchymal Stem Cells via the HIF-1Î±-GRP78-Akt Axis. International Journal of Molecular Sciences, 2017, 18, 1320.	1.8	100
61	A Vibrio vulnificus VvpM Induces IL-1Î² Production Coupled with Necrotic Macrophage Death via Distinct Spatial Targeting by ANXA2. Frontiers in Cellular and Infection Microbiology, 2017, 7, 352.	1.8	16
62	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
63	Enhanced Susceptibility to 5-Fluorouracil in Human Colon Cancer Cells by Silencing of GRP78. Anticancer Research, 2017, 37, 2975-2984.	0.5	12
64	GRP78 Regulates Apoptosis, Cell Survival and Proliferation in 5-Fluorouracil-resistant SNUC5 Colon Cancer Cells. Anticancer Research, 2017, 37, 4943-4951.	0.5	14
65	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.	0.6	8
66	Long-Duration Three-Dimensional Spheroid Culture Promotes Angiogenic Activities of Adipose-Derived Mesenchymal Stem Cells. Biomolecules and Therapeutics, 2016, 24, 260-267.	1.1	88
67	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. Stem Cell Research and Therapy, 2016, 7, 158.	2.4	13
68	Tauroursodeoxycholic acid reduces ER stress by regulating of Akt-dependent cellular prion protein. Scientific Reports, 2016, 6, 39838.	1.6	97
69	Fucoidan improves bioactivity and vasculogenic potential of mesenchymal stem cells in murine hind limb ischemia associated with chronic kidney disease. Journal of Molecular and Cellular Cardiology, 2016, 97, 169-179.	0.9	28
70	Hypoxia-induced expression of cellular prion protein improves the therapeutic potential of mesenchymal stem cells. Cell Death and Disease, 2016, 7, e2395-e2395.	2.7	53
71	Netrin-1-Induced Stem Cell Bioactivity Contributes to the Regeneration of Injured Tissues via the Lipid Raft-Dependent Integrin Î±6Î²4 Signaling Pathway. Scientific Reports, 2016, 6, 37526.	1.6	18
72	High glucose upregulates BACE1-mediated Aî² production through ROS-dependent HIF-1Î± and LXRÎ±/ABCA1-regulated lipid raft reorganization in SK-N-MC cells. Scientific Reports, 2016, 6, 36746.	1.6	52

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73	Influence of the Number of Cervical Fusion Levels on Cervical Spine Motion and Health-Related Quality of Life. Spine, 2016, 41, E474-E480.	1.0	12
74	Silencing Prion Protein in HT29 Human Colorectal Cancer Cells Enhances Anticancer Response to Fucoidan. Anticancer Research, 2016, 36, 4449-4458.	0.5	17
75	Pivotal Roles of Ginsenoside Rg3 in Tumor Apoptosis Through Regulation of Reactive Oxygen Species. Anticancer Research, 2016, 36, 4647-4654.	0.5	37
76	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. Stem Cells, 2015, 33, 1490-1500.	1.4	24
77	The Sulfated Polysaccharide Fucoidan Rescues Senescence of Endothelial Colony-Forming Cells for Ischemic Repair. Stem Cells, 2015, 33, 1939-1951.	1.4	47
78	Fucoidan inhibits the migration and proliferation of HT-29 human colon cancer cells via the phosphoinositide-3 kinase/Akt/mechanistic target of rapamycin pathways. Molecular Medicine Reports, 2015, 12, 3446-3452.	1.1	67
79	Hypoxia accelerates vascular repair of endothelial colony-forming cells on ischemic injury via STAT3-BCL3 axis. Stem Cell Research and Therapy, 2015, 6, 139.	2.4	30
80	Antitumor Effects of Fucoidan on Human Colon Cancer Cells via Activation of Akt Signaling. Biomolecules and Therapeutics, 2015, 23, 225-232.	1.1	56
81	Pivotal role of vascular endothelial growth factor pathway in tumor angiogenesis. Annals of Surgical Treatment and Research, 2015, 89, 1.	0.4	164
82	cAMP Promotes Cell Migration Through Cell Junctional Complex Dynamics and Actin Cytoskeleton Remodeling: Implications in Skin Wound Healing. Stem Cells and Development, 2015, 24, 2513-2524.	1.1	23
83	Delayed esophageal perforation after anterior cervical fusion and retropharyngeal steroid use: a report of two cases. Spine Journal, 2015, 15, e75-e80.	0.6	36
84	Fucoidan protects mesenchymal stem cells against oxidative stress and enhances vascular regeneration in a murine hindlimb ischemia model. International Journal of Cardiology, 2015, 198, 187-195.	0.8	48
85	Glutamine contributes to maintenance of mouse embryonic stem cell self-renewal through PKC-dependent downregulation of HDAC1 and DNMT1/3a. Cell Cycle, 2015, 14, 3292-3305.	1.3	20
86	The change of whole lumbar segmental motion according to the mobility of degenerated disc in the lower lumbar spine: a kinetic MRI study. European Spine Journal, 2015, 24, 1893-1900.	1.0	20
87	Pretreatment with Lycopene Attenuates Oxidative Stress-Induced Apoptosis in Human Mesenchymal Stem Cells. Biomolecules and Therapeutics, 2015, 23, 517-524.	1.1	47
88	Genistein Promotes Endothelial Colony-Forming Cell (ECFC) Bioactivities and Cardiac Regeneration in Myocardial Infarction. PLoS ONE, 2014, 9, e96155.	1.1	40
89	Inhibition of lewis lung cancer cell growth and migration by fucoidan. Molecular and Cellular Toxicology, 2014, 10, 269-276.	0.8	3
90	Cross Talk with Hematopoietic Cells Regulates the Endothelial Progenitor Cell Differentiation of CD34 Positive Cells. PLoS ONE, 2014, 9, e106310.	1.1	24

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91	CD34 Hybrid Cells Promote Endothelial Colony-Forming Cell Bioactivity and Therapeutic Potential for Ischemic Diseases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1622-1634.	1.1	45
92	Hypoxia Inhibits Cellular Senescence to Restore the Therapeutic Potential of Old Human Endothelial Progenitor Cells via the Hypoxia-Inducible Factor-1Î±â€“TWIST-p21 Axis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2407-2414.	1.1	57
93	Midkine prevented hypoxic injury of mouse embryonic stem cells through activation of Akt and HIFâ€1Î± via lowâ€density lipoprotein receptorâ€related proteinâ€1. Journal of Cellular Physiology, 2012, 227, 1731-1739.	2.0	28
94	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
95	Comparison of Cervical Spine Biomechanics After Fixed- and Mobile-Core Artificial Disc Replacement. Spine, 2011, 36, 700-708.	1.0	130
96	Role of hypoxiaâ€induced fibronectinâ€integrin Î²1 expression in embryonic stem cell proliferation and migration: Involvement of PI3K/Akt and FAK. Journal of Cellular Physiology, 2011, 226, 484-493.	2.0	52
97	Caveolin-1 and integrin Î²1 regulate embryonic stem cell proliferation via p38 MAPK and FAK in high glucose. Journal of Cellular Physiology, 2011, 226, 1850-1859.	2.0	25
98	Effect of arachidonic acid on hypoxiaâ€induced ILâ€6 production in mouse ES cells: Involvement of MAPKs, NFâ€ÎºB, and HIFâ€1Î±. Journal of Cellular Physiology, 2010, 222, 574-585.	2.0	32
99	Asymptomatic Cervical Cord Compression in Lumbar Spinal Stenosis Patients. Spine, 2010, 35, 2057-2063.	1.0	50
100	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
101	Role of FAK phosphorylation in hypoxia-induced hMSCS migration: involvement of VEGF as well as MAPKS and eNOS pathways. American Journal of Physiology - Cell Physiology, 2010, 298, C847-C856.	2.1	55
102	Lipid rafts play an important role for maintenance of embryonic stem cell self-renewal. Journal of Lipid Research, 2010, 51, 2082-2089.	2.0	74
103	Outcome Analysis of Single Level Anterior Cervical Fusion using Interbody PEEK Cage with Autologous Iliac Bone Graft. The Journal of the Korean Orthopaedic Association, 2009, 44, 93.	0.0	8
104	Arachidonic acid potentiates hypoxia-induced VEGF expression in mouse embryonic stem cells: involvement of Notch, Wnt, and HIF-1Î±. American Journal of Physiology - Cell Physiology, 2009, 297, C207-C216.	2.1	57
105	Arachidonic acid release by H₂O₂ mediated proliferation of mouse embryonic stem cells: Involvement of Ca²⁺/PKC and MAPKsâ€induced EGFR transactivation. Journal of Cellular Biochemistry, 2009, 106, 787-797.	1.2	43
106	Role of Peroxisome Proliferator-Activated Receptor (PPAR)Î´ in Embryonic Stem Cell Proliferation. International Journal of Stem Cells, 2009, 2, 28-34.	0.8	8
107	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
108	High glucose induced translocation of Aquaporin8 to chicken hepatocyte plasma membrane: Involvement of cAMP, PI3K/Akt, PKC, MAPKs, and microtubule. Journal of Cellular Biochemistry, 2008, 103, 1089-1100.	1.2	13

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109	A potential mechanism for short time exposure to hypoxiaâ€induced DNA synthesis in primary cultured chicken hepatocytes: Correlation between Ca²⁺/PKC/MAPKs and PI3K/Akt/mTOR. Journal of Cellular Biochemistry, 2008, 104, 1598-1611.	1.2	13
110	Effect of dihydrotestosterone on hydrogen peroxideâ€induced apoptosis of mouse embryonic stem cells. Journal of Cellular Physiology, 2008, 216, 269-275.	2.0	36
111	Role of Interleukin-6 in the Control of DNA Synthesis of Hepatocytes: Involvement of PKC, p44/42 MAPKs, and PPARÎ³. Cellular Physiology and Biochemistry, 2008, 22, 673-684.	1.1	17
112	Regulation of DNA synthesis in mouse embryonic stem cells by transforming growth factor-Î±: Involvement of the PI3-K/Akt and Notch/Wnt signaling pathways. Growth Factors, 2008, 26, 104-116.	0.5	6
113	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
114	Comparison of cardiac function and coronary angiography between conventional pigs and micropigs as measured by multidetector row computed tomography. Journal of Veterinary Science, 2008, 9, 121.	0.5	6
115	Effect of Hypoxia on 2-Deoxyglucose Uptake and Cell Cycle Regulatory Protein Expression of Mouse Embryonic Stem Cells: Involvement of Ca²⁺ /PKC, MAPKs and HIF-1Î±. Cellular Physiology and Biochemistry, 2007, 19, 269-282.	1.1	29
116	The Safety Zone of Percutaneous Cervical Approach. Spine, 2007, 32, E569-E574.	1.0	10
117	Comparative analysis of heart functions in micropigs and conventional pigs using echocardiography and radiography. Journal of Veterinary Science, 2007, 8, 7.	0.5	11
118	Spontaneous Vertebral Column Dislocation in Neurofibromatosis - A Case Report -. The Journal of the Korean Orthopaedic Association, 2007, 42, 822.	0.0	5
119	Effect of EGF on [3H]-thymidine incorporation and cell cycle regulatory proteins in primary cultured chicken hepatocytes: Involvement of Ca2+/PKC and MAPKs. Journal of Cellular Biochemistry, 2006, 99, 1677-1687.	1.2	8
120	Totalen blocSpondylectomy for Solitary Metastatic Spinal Tumor. Journal of Korean Society of Spine Surgery, 2003, 10, 303.	0.3	0
121	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
122	Revision Arthrodesis After Lumbar Fusion in Degenerative Lumbar Disease. The Journal of the Korean Orthopaedic Association, 2003, 38, 659.	0.0	2
123	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
124	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