

Jun Mizutani

List of Publications by Year in descending order

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51
papers

881
citations

516710

16
h-index

526287

27
g-index

51
all docs

51
docs citations

51
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Complications Associated With Lateral Interbody Fusion: Nationwide Survey of 2998 Cases During the First 2 Years of Its Use in Japan. <i>Spine</i> , 2017, 42, 1478-1484.	2.0	127
2	Lateral interbody fusion combined with open posterior surgery for adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 697-705.	1.7	60
3	Application of full-scale three-dimensional models in patients with rheumatoid cervical spine. <i>European Spine Journal</i> , 2008, 17, 644-649.	2.2	52
4	Global Spinal Alignment in Cervical Kyphotic Deformity: The Importance of Head Position and Thoracolumbar Alignment in the Compensatory Mechanism. <i>Neurosurgery</i> , 2018, 82, 686-694.	1.1	43
5	Ultrastructural changes at the myotendinous junction induced by exercise. <i>Journal of Orthopaedic Science</i> , 2008, 13, 233-239.	1.1	40
6	Safe Atlantoaxial Fixation Using a Laminar Screw (Intralaminar Screw) in a Patient With Unilateral Occlusion of Vertebral Artery. <i>Spine</i> , 2007, 32, E30-E33.	2.0	37
7	Anatomical basis of the medial sural artery perforator flap in Asians. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2007, 41, 125-129.	0.6	34
8	MRI Findings in Residual Hip Dysplasia. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, 381-387.	1.2	31
9	Regulation by Heat Shock Protein 27 of Osteocalcin Synthesis in Osteoblasts. <i>Endocrinology</i> , 2011, 152, 1872-1882.	2.8	27
10	(-)-Epigallocatechin Gallate Reduces Platelet-Derived Growth Factor-BB-Stimulated Interleukin-6 Synthesis in Osteoblasts: Suppression of SAPK/JNK. <i>Mediators of Inflammation</i> , 2008, 2008, 1-8.	3.0	24
11	Relationship Between Screw Trajectory of C1 Lateral Mass Screw and Internal Carotid Artery. <i>Spine</i> , 2008, 33, 2581-2585.	2.0	24
12	Resveratrol inhibits BMP-4-stimulated VEGF synthesis in osteoblasts: Suppression of S6 kinase. <i>International Journal of Molecular Medicine</i> , 2014, 33, 1013-1018.	4.0	18
13	Resveratrol suppresses prostaglandin F ₂ ±-induced osteoprotegerin synthesis in osteoblasts: Inhibition of the MAP kinase signaling. <i>Archives of Biochemistry and Biophysics</i> , 2014, 542, 39-45.	3.0	18
14	Objective measures of physical activity in patients with chronic unilateral vestibular hypofunction, and its relationship to handicap, anxiety and postural stability. <i>Auris Nasus Larynx</i> , 2019, 46, 70-77.	1.2	18
15	How Cervical Reconstruction Surgery Affects Global Spinal Alignment. <i>Neurosurgery</i> , 2019, 84, 898-907.	1.1	18
16	Rac regulates collagen-induced HSP27 phosphorylation via p44/p42 MAP kinase in human platelets. <i>International Journal of Molecular Medicine</i> , 2013, 32, 813-818.	4.0	17
17	Rho-kinase inhibitors decrease TGF-β ₂ -stimulated VEGF synthesis through stress-activated protein kinase/c-Jun N-terminal kinase in osteoblasts. <i>Biochemical Pharmacology</i> , 2009, 77, 196-203.	4.4	16
18	(âˆ“)Epigallocatechin gallate attenuates the induction of HSP27 stimulated by sphingosine 1-phosphate via suppression of phosphatidylinositol 3-kinase/Akt pathway in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2009, 24, 197-203.	4.0	16

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19	Down-Regulation by Resveratrol of Basic Fibroblast Growth Factor-Stimulated Osteoprotegerin Synthesis through Suppression of Akt in Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17886-17900.	4.1	16
20	Anatomical basis of distally based anterolateral thigh flap. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2014, 48, 197-200.	0.8	16
21	Involvement of Rho-kinase in prostaglandin F ₂ ±-stimulated interleukin-6 synthesis via p38 mitogen-activated protein kinase in osteoblasts. <i>Molecular and Cellular Endocrinology</i> , 2008, 291, 27-32.	3.2	15
22	Resveratrol amplifies BMP-4-stimulated osteoprotegerin synthesis via p38 MAP kinase in osteoblasts. <i>Molecular Medicine Reports</i> , 2015, 12, 3849-3854.	2.4	15
23	AMP-activated protein kinase regulates thyroid hormone-stimulated osteocalcin synthesis in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2013, 31, 1457-1462.	4.0	14
24	Suppression by resveratrol of prostaglandin D ₂ -stimulated osteoprotegerin synthesis in osteoblasts. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 73-80.	2.2	14
25	New Needle Biopsy Technique for Lumbar Pyogenic Spondylodiscitis. <i>Spine</i> , 2010, 35, E1347-E1349.	2.0	12
26	p70 S6 kinase limits tumor necrosis factor- α -induced interleukin-6 synthesis in osteoblast-like cells. <i>Molecular and Cellular Endocrinology</i> , 2010, 315, 195-200.	3.2	12
27	Inhibition of SAPK/JNK leads to enhanced IL-1-induced IL-6 synthesis in osteoblasts. <i>Archives of Biochemistry and Biophysics</i> , 2013, 535, 227-233.	3.0	12
28	Surgical Management of the Pregnant Patient With Lumbar Disc Herniation in the Latter Stage of the Second Trimester. <i>Spine</i> , 2017, 42, E186-E189.	2.0	12
29	Regulation by resveratrol of prostaglandin E ₂ -stimulated osteoprotegerin synthesis in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1439-1445.	4.0	11
30	Advantages of an on-the-screwhead crosslink connector for atlantoaxial fixation using the Goel/Harms technique. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 183-189.	1.5	11
31	Function of Rho-kinase in prostaglandin D ₂ -induced interleukin-6 synthesis in osteoblasts. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008, 79, 41-46.	2.2	9
32	AMP-activated protein kinase inhibitor decreases prostaglandin F ₂ ±-stimulated interleukin-6 synthesis through p38 MAP kinase in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2012, 30, 1487-1492.	4.0	9
33	Rho-kinase limits FGF-2-stimulated VEGF release in osteoblasts. <i>Bone</i> , 2010, 46, 1068-1074.	2.9	8
34	Role of HSP27 in tumor necrosis factor- α -stimulated interleukin-6 synthesis in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2011, 28, 887-93.	4.0	8
35	Rho-kinase limits BMP-4-stimulated osteocalcin synthesis in osteoblasts: Regulation of the p38 MAP kinase pathway. <i>Life Sciences</i> , 2014, 96, 18-25.	4.3	8
36	Role of heat shock protein 27 in transforming growth factor- β -stimulated vascular endothelial growth factor release in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2011, 27, 423-8.	4.0	7

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37	Involvement of Rac in thromboxane A ₂ -induced human platelet activation: Regulation of sCD40 ligand release and PDGF-AB secretion. <i>Molecular Medicine Reports</i> , 2014, 10, 107-112.	2.4	6
38	Involvement of AMP-activated protein kinase in TGF- β ² -stimulated VEGF synthesis in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2012, 29, 550-556.	4.0	5
39	Rho-kinase negatively regulates thyroid hormone-stimulated osteocalcin synthesis in osteoblasts. <i>Biochimie</i> , 2013, 95, 719-724.	2.6	5
40	Leg lymphedema caused by iliopectineal bursitis associated with destruction of a rheumatoid hip joint: A case report. <i>Experimental and Therapeutic Medicine</i> , 2013, 6, 887-890.	1.8	5
41	Unphosphorylated heat shock protein 27 suppresses fibroblast growth factor-2-stimulated vascular endothelial growth factor release in osteoblasts. <i>Molecular Medicine Reports</i> , 2013, 8, 691-695.	2.4	5
42	Rho-kinase regulates prostaglandin D ₂ -stimulated heat shock protein 27 induction in osteoblasts. <i>Experimental and Therapeutic Medicine</i> , 2010, 1, 579-583.	1.8	4
43	(-)-Epigallocatechin gallate amplifies interleukin-1-stimulated interleukin-6 synthesis in osteoblast-like MC3T3-E1 cells. <i>Biochimie</i> , 2013, 95, 1933-1938.	2.6	4
44	Biomechanical and Anatomical Validity of the Short Posterior Arch Screw. <i>Neurospine</i> , 2019, 16, 347-353.	2.9	4
45	Involvement of Rho-kinase in prostaglandin E ₁ -stimulated VEGF synthesis through stress-activated protein kinase/c-Jun N-terminal kinase in osteoblast-like MC3T3-E1 cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2009, 90, 1-6.	1.9	3
46	Wnt3a upregulates prostaglandin F ₂ α -stimulated vascular endothelial growth factor synthesis in osteoblasts. <i>Molecular Medicine Reports</i> , 2012, 6, 421-425.	2.4	3
47	Neuropathic arthropathy caused by chondrosarcoma of the cervical spine. <i>Modern Rheumatology</i> , 2004, 14, 160-3.	1.8	3
48	Segmental Arteries and Veins at Higher Lumbar Levels Can Intersect the Adjacent Caudal Intervertebral Disc in the Anterior Part of the Spinal Column: A Cadaveric Analysis. <i>Asian Spine Journal</i> , 2022, 16, 1-8.	2.0	2
49	Involvement of Rho-kinase in sphingosine 1-phosphate-stimulated HSP27 induction in osteoblasts. <i>International Journal of Molecular Medicine</i> , 2009, 24, 77-82.	4.0	1
50	Thrombopoietin amplifies ADP-induced HSP27 phosphorylation in human platelets: Importance of pre-treatment. <i>International Journal of Molecular Medicine</i> , 2013, 31, 1291-1297.	4.0	1
51	Temporary Internal Fixation Using C1 Lateral Mass Screw and C2 Pedicle Screw (Goel-Harms Technique) without Bone Grafting for Chronic Atlantoaxial Rotatory Fixation. <i>World Neurosurgery</i> , 2017, 102, 696.e1-696.e6.	1.3	1