

# Shigeru Kobayashi

## List of Publications by Year in descending order

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43  
papers

1,028  
citations

567281

15  
h-index

414414

32  
g-index

45  
all docs

45  
docs citations

45  
times ranked

659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response to the letter to the editor regarding: "Circulatory dynamics of the cauda equina in lumbar canal stenosis using dynamic contrast-enhanced magnetic resonance imaging." Spine J. 2015;15(10):2132-2141. Spine Journal, 2016, 16, 795-796.	1.3	0
2	Circulatory dynamics of the cauda equina in lumbar canal stenosis using dynamic contrast-enhanced magnetic resonance imaging. Spine Journal, 2015, 15, 2132-2141.	1.3	13
3	A case of symptomatic cervical spine calcinosis in systemic sclerosis. Spine Journal, 2015, 15, 2099-2100.	1.3	4
4	Pathophysiology, diagnosis and treatment of intermittent claudication in patients with lumbar canal stenosis. World Journal of Orthopedics, 2014, 5, 134.	1.8	56
5	Changes of blood flow, oxygen tension, action potential and vascular permeability induced by arterial ischemia or venous congestion on the spinal cord in canine model. Journal of Orthopaedic Research, 2013, 31, 139-146.	2.3	5
6	Experimental Syringohydromyelia Induced by Adhesive Arachnoiditis in the Rabbit: Changes in the Blood-Spinal Cord Barrier, Neuroinflammatory Foci, and Syrinx Formation. Journal of Neurotrauma, 2012, 29, 1803-1816.	3.4	15
7	Fracture of the pelvic ring: a retrospective review of 224 patients treated at a single institution. European Journal of Orthopaedic Surgery and Traumatology, 2011, 21, 251-257.	1.4	8
8	Pathomechanisms of Sciatica in Lumbar Disc Herniation. Spine, 2010, 35, 2004-2014.	2.0	44
9	Pathogenesis of the discal cysts communicating with an adjacent herniated disc. Histological and ultrastructural studies of two cases. Joint Bone Spine, 2010, 77, 184-186.	1.6	28
10	Microvascular system of the lumbar dorsal root ganglia in rats. Part I: a 3D analysis with scanning electron microscopy of vascular corrosion casts. Journal of Neurosurgery: Spine, 2010, 12, 197-202.	1.7	19
11	Microvascular system of the lumbar dorsal root ganglia in rats. Part II: neurogenic control of intraganglionic blood flow. Journal of Neurosurgery: Spine, 2010, 12, 203-209.	1.7	10
12	Changes in Blood Flow, Oxygen Tension, Action Potentials, and Vascular Permeability Induced by Arterial Ischemia or Venous Congestion on the Lumbar Dorsal Root Ganglia in Dogs. Journal of Neurotrauma, 2009, 26, 1167-1175.	3.4	7
13	Parosteal aneurysmal bone cyst of the humerus with birdcage-like ossification on three-dimensional CT scanning: A case report. Joint Bone Spine, 2009, 76, 705-707.	1.6	8
14	Blood flow analysis of compressed nerve root after intravenous injection of lipo-prostaglandin E <sub>1</sub> . Journal of Orthopaedic Research, 2009, 27, 1252-1257.	2.3	8
15	A case of pathological fracture associated with chondroblastoma of the first metatarsal: natural development over 3 years. European Journal of Orthopaedic Surgery and Traumatology, 2009, 19, 125-129.	1.4	2
16	Vasomotion of Intraradicular Microvessels in Rat. Spine, 2009, 34, 990-997.	2.0	5
17	Ultrastructural Analysis on Lumbar Disc Herniation Using Surgical Specimens. Spine, 2009, 34, 655-662.	2.0	67
18	Effects of arterial ischemia and venous congestion on the lumbar nerve root in dogs. Journal of Orthopaedic Research, 2008, 26, 1533-1540.	2.3	34

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19	Fine structure of cartilage canal and vascular buds in the rabbit vertebral endplate. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 96-103.	1.7	21
20	Motion analysis of the wrist joints in patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2007, 17, 322-326.	1.8	4
21	Successful treatment of nonclostridial gas gangrene extending from retroperitoneum to thigh associated with occult cecal cancer. <i>Journal of Orthopaedic Science</i> , 2007, 12, 585-591.	1.1	3
22	Localization and changes of intraneural inflammatory cytokines and inducible nitric oxide induced by mechanical compression. <i>Journal of Orthopaedic Research</i> , 2005, 23, 771-778.	2.3	15
23	Pathology of lumbar nerve root compression Part 1: Intradicular inflammatory changes induced by mechanical compression. <i>Journal of Orthopaedic Research</i> , 2004, 22, 170-179.	2.3	83
24	Pathology of lumbar nerve root compression Part 2: Morphological and immunohistochemical changes of dorsal root ganglion. <i>Journal of Orthopaedic Research</i> , 2004, 22, 180-188.	2.3	90
25	Hydroxyapatite Maturity in the Calcified Cartilage and Underlying Subchondral Bone of Guinea Pigs with Spontaneous Osteoarthritis: Analysis by Fourier Transform Infrared Microspectroscopy. <i>Acta Histochemica Et Cytochemica</i> , 2004, 37, 101-107.	1.6	10
26	Herniated and Spondylotic Intervertebral Discs of the Human Cervical Spine: Histological and Immunohistochemical Observations. <i>Acta Histochemica Et Cytochemica</i> , 2004, 37, 109-117.	1.6	7
27	Experimental Study on the Dynamics of Lumbosacral Nerve Root Circulation. <i>Spine</i> , 2000, 25, 298-305.	2.0	51
28	A case of inflammatory breast cancer following augmentation mammoplasty with silicone gel implants. <i>Breast Cancer</i> , 2000, 7, 71-74.	2.9	9
29	Laparoscopic Wedge Resection for Submucosal Tumor of the Stomach. <i>Digestive Endoscopy</i> , 1996, 8, 220-224.	2.3	0
30	Chronic Nerve Root Compression. <i>Spine</i> , 1995, 20, 397-407.	2.0	106
31	Vasogenic Edema Induced by Compression Injury to the Spinal Nerve Root. <i>Spine</i> , 1993, 18, 1410-1424.	2.0	106
32	A CASE OF MALIGNANT LYMPHOMA ARISING IN THE BREAST. <i>The Journal of the Japanese Practical Surgeon Society</i> , 1992, 53, 2095-2099.	0.0	0
33	Blood Supply of Nerve Roots and Dorsal Root Ganglia. <i>Orthopedic Clinics of North America</i> , 1991, 22, 195-211.	1.2	84
34	Effects of Compression on Intradicular Blood Flow in Dogs. <i>Spine</i> , 1989, 14, 1220-1225.	2.0	63
35	(1) Source Cells and Secretion Mechanism of Gastro-Intestinal Hormones. <i>Japanese Journal of Medicine</i> , 1975, 14, 1-7.	0.1	0
36	Intramitochondrial inclusions in various cells of a snake ( <i>Elaphae quadrivirgata</i> ). <i>Cell and Tissue Research</i> , 1969, 99, 252-262.	2.9	28

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37	An Electron Microscope Study of the Intestinal Mucosa of the Snake, <i>Elaphe quadrivirgata</i> (<i>BOIE</i>). <i>Archivum Histologicum Japonicum</i> , 1967, 28, 525-536.	1.0	7
38	Synthetic Studies of Anthelmintics. VIII. <i>Yakugaku Zasshi</i> , 1951, 71, 593-595.	0.2	3
39	Synthetic Studies of Anthelmintics. IX. <i>Yakugaku Zasshi</i> , 1951, 71, 1012-1014.	0.2	0
40	Synthetic Studies of Anthelmintics. VI and VII. <i>Yakugaku Zasshi</i> , 1951, 71, 394-399.	0.2	0
41	Synthetic Studies of Anthelmintics. II. <i>Yakugaku Zasshi</i> , 1951, 71, 73-77.	0.2	2
42	Synthetic Studies of Anthelmintics. V. <i>Yakugaku Zasshi</i> , 1949, 69, 151-154.	0.2	0
43	Synthetic Studies of Anthelmintics. IV. <i>Yakugaku Zasshi</i> , 1949, 69, 149-151.	0.2	3