

Seil Sohn

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,335
citations

393982

19
h-index

433756

31
g-index

73
all docs

73
docs citations

73
times ranked

1631
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and tolerability of intradiscal implantation of combined autologous adipose-derived mesenchymal stem cells and hyaluronic acid in patients with chronic discogenic low back pain: 1-year follow-up of a phase I study. <i>Stem Cell Research and Therapy</i> , 2017, 8, 262.	2.4	142
2	Anti-inflammatory effects of ursodeoxycholic acid by lipopolysaccharide-stimulated inflammatory responses in RAW 264.7 macrophages. <i>PLoS ONE</i> , 2017, 12, e0180673.	1.1	92
3	Stereotactic radiosurgery compared with external radiation therapy as a primary treatment in spine metastasis from renal cell carcinoma: a multicenter, matched-pair study. <i>Journal of Neuro-Oncology</i> , 2014, 119, 121-128.	1.4	50
4	Ursodeoxycholic Acid Inhibits Inflammatory Responses and Promotes Functional Recovery After Spinal Cord Injury in Rats. <i>Molecular Neurobiology</i> , 2019, 56, 267-277.	1.9	50
5	Induction of osteogenic differentiation in a rat calvarial bone defect model using an In situ forming graphene oxide incorporated glycol chitosan/oxidized hyaluronic acid injectable hydrogel. <i>Carbon</i> , 2020, 168, 264-277.	5.4	46
6	The expressions of carbonic anhydrase 9 and vascular endothelial growth factor in astrocytic tumors predict a poor prognosis. <i>International Journal of Molecular Medicine</i> , 2010, 26, 3-9.	1.8	45
7	Epidemiological Survey of Ossification of the Posterior Longitudinal Ligament in an Adult Korean Population: Three-dimensional Computed Tomographic Observation of 3,240 Cases. <i>Calcified Tissue International</i> , 2014, 94, 613-620.	1.5	45
8	The Role of Stereotactic Radiosurgery in Metastasis to the Spine. <i>Journal of Korean Neurosurgical Society</i> , 2012, 51, 1.	0.5	37
9	A nationwide epidemiological study of newly diagnosed spine metastasis in the adult Korean population. <i>Spine Journal</i> , 2016, 16, 937-945.	0.6	36
10	Anti-inflammatory effect of Tauroursodeoxycholic acid in RAW 264.7 macrophages, Bone marrow-derived macrophages, BV2 microglial cells, and spinal cord injury. <i>Scientific Reports</i> , 2018, 8, 3176.	1.6	35
11	CORM-2-Solid Lipid Nanoparticles Maintain Integrity of Blood-Spinal Cord Barrier After Spinal Cord Injury in Rats. <i>Molecular Neurobiology</i> , 2020, 57, 2671-2689.	1.9	30
12	A Nation-Wide Epidemiological Study of Newly Diagnosed Primary Spine Tumor in the Adult Korean Population, 2009-2011. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 195-204.	0.5	30
13	Transplantation of tauroursodeoxycholic acidâ€“inducing M2â€“phenotype macrophages promotes an antiâ€“neuroinflammatory effect and functional recovery after spinal cord injury in rats. <i>Cell Proliferation</i> , 2021, 54, e13050.	2.4	29
14	Association of ischemic stroke with ankylosing spondylitis: a nationwide longitudinal cohort study. <i>Acta Neurochirurgica</i> , 2018, 160, 949-955.	0.9	27
15	Biomechanical characterization of three iliac screw fixation techniques: A finite element study. <i>Journal of Clinical Neuroscience</i> , 2018, 52, 109-114.	0.8	24
16	Association of Acute Myocardial Infarction with ankylosing Spondylitis: A nationwide longitudinal cohort study. <i>Journal of Clinical Neuroscience</i> , 2018, 56, 34-37.	0.8	24
17	Conventional Posterior Approach without Far Lateral Approach for Ventral Foramen Magnum Meningiomas. <i>Journal of Korean Neurosurgical Society</i> , 2013, 54, 373.	0.5	24
18	The fate of spinal schwannomas following subtotal resection: a retrospective multicenter study by the Korea spinal oncology research group. <i>Journal of Neuro-Oncology</i> , 2013, 114, 345-351.	1.4	23

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19	Increased Bone Mineral Density and Decreased Prevalence of Osteoporosis in Cervical Ossification of the Posterior Longitudinal Ligament: A Case-Control Study. <i>Calcified Tissue International</i> , 2013, 92, 28-34.	1.5	23
20	Modified iliac screw fixation: technique and clinical application. <i>Acta Neurochirurgica</i> , 2016, 158, 975-980.	0.9	21
21	Anti-neuroinflammatory gold nanocomplex loading ursodeoxycholic acid following spinal cord injury. <i>Chemical Engineering Journal</i> , 2019, 375, 122088.	6.6	21
22	Direct Injection of Hydrogels Embedding Gold Nanoparticles for Local Therapy after Spinal Cord Injury. <i>Biomacromolecules</i> , 2021, 22, 2887-2901.	2.6	21
23	Double layers of gold nanoparticles immobilized titanium implants improve the osseointegration in rabbit models. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102129.	1.7	20
24	Injectable Hydrogel Containing Tauroursodeoxycholic Acid for Anti-neuroinflammatory Therapy After Spinal Cord Injury in Rats. <i>Molecular Neurobiology</i> , 2020, 57, 4007-4017.	1.9	20
25	Increased Bone Mineral Density in Cervical or Thoracic Diffuse Idiopathic Skeletal Hyperostosis (DISH): A Case-Control Study. <i>Journal of Clinical Densitometry</i> , 2018, 21, 68-74.	0.5	19
26	Polymorphisms of miR-146a, miR-149, miR-196a2, and miR-499 are associated with osteoporotic vertebral compression fractures in Korean postmenopausal women. <i>Journal of Orthopaedic Research</i> , 2018, 36, 244-253.	1.2	18
27	Nanocarrier-mediated Delivery of CORM-2 Enhances Anti-allodynic and Anti-hyperalgesic Effects of CORM-2. <i>Molecular Neurobiology</i> , 2019, 56, 5539-5554.	1.9	18
28	Radiosurgery Compared with External Radiation Therapy as a Primary Treatment in Spine Metastasis from Hepatocellular Carcinoma : A Multicenter, Matched-Pair Study. <i>Journal of Korean Neurosurgical Society</i> , 2015, 59, 37.	0.5	18
29	Therapeutic Potential of Tauroursodeoxycholic Acid for the Treatment of Osteoporosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4274.	1.8	17
30	Comparison of Intra-Abdominal Pressure Among 3 Prone Positional Apparatuses After Changing From the Supine to the Prone Position and Applying Positive End-Expiratory Pressure in Healthy Euvoletic Patients: A Prospective Observational Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 14-20.	0.6	16
31	Sagittal spinal alignment in asymptomatic patients over 30 years old in the Korean population. <i>Acta Neurochirurgica</i> , 2017, 159, 1119-1128.	0.9	16
32	Oral Administration of Î±-Asarone Promotes Functional Recovery in Rats With Spinal Cord Injury. <i>Frontiers in Pharmacology</i> , 2018, 9, 445.	1.6	16
33	Is closed-suction drainage necessary after intradural primary spinal cord tumor surgery?. <i>European Spine Journal</i> , 2013, 22, 577-583.	1.0	14
34	Inhibitory Effects of Gold and Silver Nanoparticles on the Differentiation into Osteoclasts In Vitro. <i>Pharmaceutics</i> , 2021, 13, 462.	2.0	14
35	Association of miR-146a, miR-149, miR-196a2, and miR-499 Polymorphisms with Ossification of the Posterior Longitudinal Ligament of the Cervical Spine. <i>PLoS ONE</i> , 2016, 11, e0159756.	1.1	14
36	Coronary artery and thoracic aorta calcification is inversely related to coronary flow reserve as measured by 82Rb PET/CT in intermediate risk patients. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 375-384.	1.4	13

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37	Nationwide epidemiology and healthcare utilization of spine tumor patients in the adult Korean population, 2009–2012. <i>Neuro-Oncology Practice</i> , 2015, 2, 93-100.	1.0	13
38	Safety and efficacy of Wharton's jelly-derived mesenchymal stem cells with teriparatide for osteoporotic vertebral fractures: A phase I/IIa study. <i>Stem Cells Translational Medicine</i> , 2021, 10, 554-567.	1.6	13
39	Increased Bone Mineral Density in Patients With Ossification of the Ligamentum Flavum: A Case-Control Study. <i>Journal of Clinical Densitometry</i> , 2014, 17, 195-199.	0.5	12
40	Resolvin D3 Promotes Inflammatory Resolution, Neuroprotection, and Functional Recovery After Spinal Cord Injury. <i>Molecular Neurobiology</i> , 2021, 58, 424-438.	1.9	12
41	Association of Congestive Heart Failure and Death with Ankylosing Spondylitis : A Nationwide Longitudinal Cohort Study in Korea. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 217-224.	0.5	12
42	3'UTR Polymorphisms of Vitamin B-Related Genes Are Associated with Osteoporosis and Osteoporotic Vertebral Compression Fractures (OVCFs) in Postmenopausal Women. <i>Genes</i> , 2020, 11, 612.	1.0	11
43	Bone Fusion Rate in the Thoracic and Lumbar Spine After Laminoplasty With Laminar Screws. <i>Spine</i> , 2014, 39, E1325-E1330.	1.0	9
44	Cross-link is a risk factor for rod fracture at pedicle subtraction osteotomy site: A finite element study. <i>Journal of Clinical Neuroscience</i> , 2019, 66, 246-250.	0.8	9
45	Safety and Tolerability of Stromal Vascular Fraction Combined with β^2 -Tricalcium Phosphate in Posterior Lumbar Interbody Fusion: Phase I Clinical Trial. <i>Cells</i> , 2020, 9, 2250.	1.8	9
46	Association of acute myocardial infarction with seropositive rheumatoid arthritis in Korea: A nationwide longitudinal cohort study. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 97-101.	0.8	9
47	Combined Treatment with Fasudil and Menthol Improves Functional Recovery in Rat Spinal Cord Injury Model. <i>Biomedicines</i> , 2020, 8, 258.	1.4	9
48	Changes in the medical burden of pyogenic and tuberculous spondylitis between 2007 and 2016: A nationwide cohort study. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 89-93.	0.8	9
49	Long-term Sequela of Intradural Extramedullary Tuberculoma in the Thoracic Dorsal Spinal Cord: Case Report and Review of the Literature. <i>Korean Journal of Spine</i> , 2011, 8, 295.	0.9	9
50	Transplantation of neuron-inducing grafts embedding positively charged gold nanoparticles for the treatment of spinal cord injury. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	9
51	Association between ischemic stroke and seropositive rheumatoid arthritis in Korea: A nationwide longitudinal cohort study. <i>PLoS ONE</i> , 2021, 16, e0251851.	1.1	7
52	Association of Parkinson's disease with ischemic stroke in Korea: A nationwide longitudinal cohort study in Korea. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2021, 23, 233-239.	0.2	7
53	The Relationship between Parkinson's Disease and Acute Myocardial Infarction in Korea : A Nationwide Longitudinal Cohort Study. <i>Journal of Korean Neurosurgical Society</i> , 2022, 65, 507-513.	0.5	7
54	Cervical Spine Chondroma Compressing Spinal Cord: A Case Report and Literature Review. <i>Korean Journal of Spine</i> , 2015, 12, 275.	0.9	6

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55	Bazedoxifene, a Selective Estrogen Receptor Modulator, Promotes Functional Recovery in a Spinal Cord Injury Rat Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11012.	1.8	6
56	Change of Pyogenic and Tuberculous Spondylitis between 2007 and 2016 Year : A Nationwide Study. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 784-793.	0.5	6
57	Neuron-inducing therapy using embryonic neural progenitor cells embedding positively charged gold nanoparticles in rats with complete spinal cord injury. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	6
58	A Nationwide Study of Stereotactic Radiosurgery in a Newly Diagnosed Spine Metastasis Population. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 189-196.	0.8	5
59	Chirality-Dependent Anti-Inflammatory Effect of Glutathione after Spinal Cord Injury in an Animal Model. <i>Pharmaceuticals</i> , 2021, 14, 792.	1.7	5
60	A Nationwide Study of Surgery in a Newly Diagnosed Spine Metastasis Population. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 46-52.	0.5	5
61	Lobeglitazone Exerts Anti-Inflammatory Effect in Lipopolysaccharide-Induced Bone-Marrow Derived Macrophages. <i>Biomedicines</i> , 2021, 9, 1432.	1.4	5
62	Risk of rod fracture according to cross-link position in pedicle subtraction osteotomy (PSO): A finite element study. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 304-307.	0.8	4
63	Thiolate poly(lactic-co-glycolic acid) nanofibers loaded with dexamethasone and ropivacaine show enhanced sustained release in the treatment of neuropathic pain through a local therapy technique. <i>Chemical Engineering Journal</i> , 2022, 431, 133356.	6.6	4
64	Synaptic Cell Adhesion Molecule 3 (SynCAM3) Deletion Promotes Recovery from Spinal Cord Injury by Limiting Glial Scar Formation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6218.	1.8	4
65	Nationwide comparative study of synchronous and metachronous spine metastasis in the adult Korean population. <i>Journal of Clinical Neuroscience</i> , 2018, 57, 33-37.	0.8	2
66	Correction: "Changes in the medical burden of pyogenic and tuberculous spondylitis between 2007 and 2016: A nationwide cohort study". <i>Journal of Clinical Neuroscience</i> , 2020, 78, 347-352.	0.8	1
67	Intraoperative Common Carotid Artery Injury during Ventriculoperitoneal Shunt Surgery. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2017, 19, 117.	0.2	0
68	Association of pyogenic spondylitis with congestive heart failure in Korea: a nationwide longitudinal cohort study. <i>Daehan Noin Sin'gyeong Oe'gwa Haghoeji</i> , 0, , .	0.1	0