

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	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
2	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
3	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
4	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
5	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
6	Resolvin D3 Promotes Inflammatory Resolution, Neuroprotection, and Functional Recovery After Spinal Cord Injury. <i>Molecular Neurobiology</i> , 2021, 58, 424-438.	1.9	12
7	Inhibitory Effects of Gold and Silver Nanoparticles on the Differentiation into Osteoclasts In Vitro. <i>Pharmaceutics</i> , 2021, 13, 462.	2.0	14
8	Transplantation of tauroursodeoxycholic acid-inducing M2 phenotype macrophages promotes an anti-inflammatory effect and functional recovery after spinal cord injury in rats. <i>Cell Proliferation</i> , 2021, 54, e13050.	2.4	29
9	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
10	Direct Injection of Hydrogels Embedding Gold Nanoparticles for Local Therapy after Spinal Cord Injury. <i>Biomacromolecules</i> , 2021, 22, 2887-2901.	2.6	21
11	Chirality-Dependent Anti-Inflammatory Effect of Glutathione after Spinal Cord Injury in an Animal Model. <i>Pharmaceutics</i> , 2021, 14, 792.	1.7	5
12	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
13	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
14	Lobeglitazone Exerts Anti-Inflammatory Effect in Lipopolysaccharide-Induced Bone-Marrow Derived Macrophages. <i>Biomedicines</i> , 2021, 9, 1432.	1.4	5
15	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
16	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
17	Safety and Tolerability of Stromal Vascular Fraction Combined with \hat{I}^2 -Tricalcium Phosphate in Posterior Lumbar Interbody Fusion: Phase I Clinical Trial. <i>Cells</i> , 2020, 9, 2250.	1.8	9
18	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

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19	Correction: "Changes in the medical burden of pyogenic and tuberculous spondylitis between 2007 and 2016: A nationwide cohort study". Journal of Clinical Neuroscience, 2020, 78, 347-352.	0.8	1
20	Combined Treatment with Fasudil and Menthol Improves Functional Recovery in Rat Spinal Cord Injury Model. Biomedicines, 2020, 8, 258.	1.4	9
21	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. Carbon, 2020, 168, 264-277.	5.4	46
22	3'UTR Polymorphisms of Vitamin B-Related Genes Are Associated with Osteoporosis and Osteoporotic Vertebral Compression Fractures (OVCFs) in Postmenopausal Women. Genes, 2020, 11, 612.	1.0	11
23	Therapeutic Potential of Tauroursodeoxycholic Acid for the Treatment of Osteoporosis. International Journal of Molecular Sciences, 2020, 21, 4274.	1.8	17
24	Injectable Hydrogel Containing Tauroursodeoxycholic Acid for Anti-neuroinflammatory Therapy After Spinal Cord Injury in Rats. Molecular Neurobiology, 2020, 57, 4007-4017.	1.9	20
25	Changes in the medical burden of pyogenic and tuberculous spondylitis between 2007 and 2016: A nationwide cohort study. Journal of Clinical Neuroscience, 2020, 73, 89-93.	0.8	9
26	CORM-2-Solid Lipid Nanoparticles Maintain Integrity of Blood-Spinal Cord Barrier After Spinal Cord Injury in Rats. Molecular Neurobiology, 2020, 57, 2671-2689.	1.9	30
27	Risk of rod fracture according to cross-link position in pedicle subtraction osteotomy (PSO): A finite element study. Journal of Clinical Neuroscience, 2020, 73, 304-307.	0.8	4
28	Change of Pyogenic and Tuberculous Spondylitis between 2007 and 2016 Year : A Nationwide Study. Journal of Korean Neurosurgical Society, 2020, 63, 784-793.	0.5	6
29	Anti-neuroinflammatory gold nanocomplex loading ursodeoxycholic acid following spinal cord injury. Chemical Engineering Journal, 2019, 375, 122088.	6.6	21
30	Cross-link is a risk factor for rod fracture at pedicle subtraction osteotomy site: A finite element study. Journal of Clinical Neuroscience, 2019, 66, 246-250.	0.8	9
31	Nanocarrier-mediated Delivery of CORM-2 Enhances Anti-allodynic and Anti-hyperalgesic Effects of CORM-2. Molecular Neurobiology, 2019, 56, 5539-5554.	1.9	18
32	Ursodeoxycholic Acid Inhibits Inflammatory Responses and Promotes Functional Recovery After Spinal Cord Injury in Rats. Molecular Neurobiology, 2019, 56, 267-277.	1.9	50
33	A Nationwide Study of Surgery in a Newly Diagnosed Spine Metastasis Population. Journal of Korean Neurosurgical Society, 2019, 62, 46-52.	0.5	5
34	Association of Congestive Heart Failure and Death with Ankylosing Spondylitis : A Nationwide Longitudinal Cohort Study in Korea. Journal of Korean Neurosurgical Society, 2019, 62, 217-224.	0.5	12
35	Polymorphisms of miR-146a, miR-149, miR-196a2, and miR-499 are associated with osteoporotic vertebral compression fractures in Korean postmenopausal women. Journal of Orthopaedic Research, 2018, 36, 244-253.	1.2	18
36	Association of ischemic stroke with ankylosing spondylitis: a nationwide longitudinal cohort study. Acta Neurochirurgica, 2018, 160, 949-955.	0.9	27

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37	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
38	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
39	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
40	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
41	Oral Administration of $\hat{I}\pm$ -Asarone Promotes Functional Recovery in Rats With Spinal Cord Injury. <i>Frontiers in Pharmacology</i> , 2018, 9, 445.	1.6	16
42	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
43	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 Euvolemic Patients: A Prospective Observational Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 14-20.	0.6	16
44	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
45	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
46	Intraoperative Common Carotid Artery Injury during Ventriculoperitoneal Shunt Surgery. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2017, 19, 117.	0.2	0
47	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
48	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
49	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
50	Modified iliac screw fixation: technique and clinical application. <i>Acta Neurochirurgica</i> , 2016, 158, 975-980.	0.9	21
51	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
52	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
53	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
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	Radiosurgery Compared with External Radiation Therapy as a Primary Treatment in Spine Metastasis from Hepatocellular Carcinoma : A Multicenter, Matched-Pair Study. Journal of Korean Neurosurgical Society, 2015, 59, 37.	0.5	18
56	Bone Fusion Rate in the Thoracic and Lumbar Spine After Laminoplasty With Laminar Screws. Spine, 2014, 39, E1325-E1330.	1.0	9
57	Increased Bone Mineral Density in Patients With Ossification of the Ligamentum Flavum: A Case-Control Study. Journal of Clinical Densitometry, 2014, 17, 195-199.	0.5	12
58	Epidemiological Survey of Ossification of the Posterior Longitudinal Ligament in an Adult Korean Population: Three-dimensional Computed Tomographic Observation of 3,240 Cases. Calcified Tissue International, 2014, 94, 613-620.	1.5	45
59	Stereotactic radiosurgery compared with external radiation therapy as a primary treatment in spine metastasis from renal cell carcinoma: a multicenter, matched-pair study. Journal of Neuro-Oncology, 2014, 119, 121-128.	1.4	50
60	The fate of spinal schwannomas following subtotal resection: a retrospective multicenter study by the Korea spinal oncology research group. Journal of Neuro-Oncology, 2013, 114, 345-351.	1.4	23
61	Increased Bone Mineral Density and Decreased Prevalence of Osteoporosis in Cervical Ossification of the Posterior Longitudinal Ligament: A Case-Control Study. Calcified Tissue International, 2013, 92, 28-34.	1.5	23
62	Is closed-suction drainage necessary after intradural primary spinal cord tumor surgery?. European Spine Journal, 2013, 22, 577-583.	1.0	14
63	Coronary artery and thoracic aorta calcification is inversely related to coronary flow reserve as measured by 82Rb PET/CT in intermediate risk patients. Journal of Nuclear Cardiology, 2013, 20, 375-384.	1.4	13
64	Conventional Posterior Approach without Far Lateral Approach for Ventral Foramen Magnum Meningiomas. Journal of Korean Neurosurgical Society, 2013, 54, 373.	0.5	24
65	The Role of Stereotactic Radiosurgery in Metastasis to the Spine. Journal of Korean Neurosurgical Society, 2012, 51, 1.	0.5	37
66	Long-term Sequela of Intradural Extramedullary Tuberculoma in the Thoracic Dorsal Spinal Cord: Case Report and Review of the Literature. Korean Journal of Spine, 2011, 8, 295.	0.9	9
67	The expressions of carbonic anhydrase 9 and vascular endothelial growth factor in astrocytic tumors predict a poor prognosis. International Journal of Molecular Medicine, 2010, 26, 3-9.	1.8	45
68	Association of pyogenic spondylitis with congestive heart failure in Korea: a nationwide longitudinal cohort study. Daehan Noin Sin'gyeong Oe'gwa Haghoeji, 0, , .	0.1	0