

Hsi-Kai Tsou

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

834
citations

623734

14
h-index

580821

25
g-index

53
all docs

53
docs citations

53
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Kaempferol protects against propacetamol-induced acute liver injury through CYP2E1 inactivation, UGT1A1 activation, and attenuation of oxidative stress, inflammation and apoptosis in mice. <i>Toxicology Letters</i> , 2018, 290, 97-109.	0.8	81
2	Endoscopic discectomy of L5-S1 disc herniation via an interlaminar approach: Prospective controlled study under local and general anesthesia. , 2011, 2, 93.		71
3	Brain-derived neurotrophic factor increases vascular endothelial growth factor expression and enhances angiogenesis in human chondrosarcoma cells. <i>Biochemical Pharmacology</i> , 2014, 91, 522-533.	4.4	61
4	CCL5 promotes VEGF-dependent angiogenesis by down-regulating miR-200b through PI3K/Akt signaling pathway in human chondrosarcoma cells. <i>Oncotarget</i> , 2014, 5, 10718-10731.	1.8	56
5	<i>In Vivo</i> Osseointegration Performance of Titanium Dioxide Coating Modified Polyetheretherketone Using Arc Ion Plating for Spinal Implant Application. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	41
6	Percutaneous pulsed radiofrequency applied to the L-2 dorsal root ganglion for treatment of chronic low-back pain: 3-year experience. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 190-196.	1.7	37
7	Improved osteoblast compatibility of medical-grade polyetheretherketone using arc ionplated rutile/anatase titanium dioxide films for spinal implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2787-2792.	4.0	36
8	HGF and c-Met Interaction Promotes Migration in Human Chondrosarcoma Cells. <i>PLoS ONE</i> , 2013, 8, e53974.	2.5	36
9	Low-temperature deposition of anatase TiO ₂ on medical grade polyetheretherketone to assist osseous integration. <i>Surface and Coatings Technology</i> , 2009, 204, 1121-1125.	4.8	31
10	Enhancement of bioactivity on medical polymer surface using high power impulse magnetron sputtered titanium dioxide film. <i>Materials Science and Engineering C</i> , 2015, 57, 58-66.	7.3	27
11	The Accuracy of 3D Printing Assistance in the Spinal Deformity Surgery. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	25
12	Apoptosis signal-regulating kinase 1 is mediated in TNF α -induced CCL2 expression in human synovial fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3509-3519.	2.6	24
13	Adiponectin Enhances Intercellular Adhesion Molecule-1 Expression and Promotes Monocyte Adhesion in Human Synovial Fibroblasts. <i>PLoS ONE</i> , 2014, 9, e92741.	2.5	24
14	Anterior bone loss after cervical Bryan disc arthroplasty: insight into the biomechanics following total disc replacement. <i>Spine Journal</i> , 2020, 20, 1211-1218.	1.3	21
15	Intradiscal electrothermal therapy in the treatment of chronic low back pain: Experience with 93 patients. , 2010, 1, 37.		17
16	Low temperature preparation of phase-tunable and antimicrobial titanium dioxide coating on biomedical polymer implants for reducing implant-related infections. <i>Surface and Coatings Technology</i> , 2011, 205, 5035-5039.	4.8	16
17	A Minimally Invasive Endoscopic Surgery for Infectious Spondylodiscitis of the Thoracic and Upper Lumbar Spine in Immunocompromised Patients. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	14
18	Seizure After Percutaneous Endoscopic Surgery—Incidence, Risk Factors, Prevention, and Management. <i>World Neurosurgery</i> , 2020, 138, 411-417.	1.3	14

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19	Higher Risk for Sjögren's Syndrome in Patients With Fibromyalgia: A Nationwide Population-Based Cohort Study. <i>Frontiers in Immunology</i> , 2021, 12, 640618.	4.8	14
20	Increased survival with the combination of stereotactic radiosurgery and gefitinib for non-small cell lung cancer brain metastasis patients: a nationwide study in Taiwan. <i>Radiation Oncology</i> , 2015, 10, 127.	2.7	13
21	Increased Risk of Inflammatory Bowel Disease Among Patients With Ankylosing Spondylitis: A 13-Year Population-Based Cohort Study. <i>Frontiers in Immunology</i> , 2020, 11, 578732.	4.8	13
22	The Surgical Treatment Principles of Atlantoaxial Instability Focusing on Rheumatoid Arthritis. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	12
23	Outcome of hearing preservation related to tumor morphologic analysis in acoustic neuromas treated by gamma knife radiosurgery. <i>Radiation Oncology</i> , 2017, 12, 134.	2.7	12
24	Patients With Rheumatoid Arthritis Increased Risk of Developing Osteoarthritis: A Nationwide Population-Based Cohort Study in Taiwan. <i>Frontiers in Medicine</i> , 2020, 7, 392.	2.6	12
25	Patients With Ankylosing Spondylitis Are Associated With High Risk of Fibromyalgia: A Nationwide Population-Based Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 618594.	2.6	12
26	Runx1 Messenger RNA Delivered by Polyplex Nanomicelles Alleviate Spinal Disc Hydration Loss in a Rat Disc Degeneration Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 565.	4.1	12
27	Integrin-linked kinase is involved in TNF α -induced inducible nitric oxide synthase expression in myoblasts. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 1244-1253.	2.6	11
28	Metallosis after traumatic loosening of Bryan cervical disc arthroplasty: a case report and literature review. <i>European Spine Journal</i> , 2018, 27, 415-420.	2.2	10
29	New Strategy for Minimally Invasive Endoscopic Surgery to Treat Infectious Spondylodiscitis in the Thoracolumbar Spine. <i>Pain Physician</i> , 2019, 22, 281-293.	0.4	10
30	Effect of water aging on the apatite formation of a low-modulus Ti-7.5Mo alloy treated with aqueous NaOH. <i>Journal of Materials Science</i> , 2011, 46, 1369-1379.	3.7	9
31	Association of human papillomavirus infection with risk for rheumatoid arthritis: a population-based cohort study. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1734-1736.	0.9	9
32	Head-to-Head Comparison of Etanercept vs. Adalimumab in the Treatment of Ankylosing Spondylitis: An Open-Label Randomized Controlled Crossover Clinical Trial. <i>Frontiers in Medicine</i> , 2020, 7, 566160.	2.6	6
33	Percutaneous endoscopic unilateral laminotomy and bilateral decompression under 3D real-time image-guided navigation for spinal stenosis in degenerative lumbar kyphoscoliosis patients: an innovative preliminary study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 734.	1.9	6
34	Incidence and risk of sepsis following appendectomy: a nationwide population-based cohort study. <i>Scientific Reports</i> , 2020, 10, 10171.	3.3	6
35	The Anti-Inflammatory Effects of the Bioactive Compounds Isolated from <i>Alpinia officinarum</i> Hance Mediated by the Suppression of NF- κ B and MAPK Signaling. <i>Chinese Journal of Physiology</i> , 2021, 64, 32-42.	1.0	6
36	Purification and Characterization of Fractions Containing Polysaccharides from <i>Talinum triangulare</i> and Their Immunomodulatory Effects. <i>Processes</i> , 2021, 9, 709.	2.8	6

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37	Outcome of partially irradiated recurrent nonfunctioning pituitary macroadenoma by gamma knife radiosurgery. <i>Journal of Neuro-Oncology</i> , 2018, 139, 767-775.	2.9	5
38	Efficacy of percutaneous endoscopic lumbar discectomy for pediatric lumbar disc herniation and degeneration on magnetic resonance imaging: case series and literature review. <i>Journal of International Medical Research</i> , 2021, 49, 030006052098668.	1.0	5
39	Dual Regeneration of Muscle and Nerve by Intramuscular Infusion of Mitochondria in a Nerve Crush Injury Model. <i>Neurosurgery</i> , 2021, 89, E49-E59.	1.1	4
40	3D Real-Time Image-Guided Navigation Spine Corpectomy with Ultrasonic Bone Cutter: Technical Note. <i>World Neurosurgery</i> , 2020, 135, 197-204.	1.3	3
41	Severe heterotopic ossification in a seronegative spondyloarthritis patient after cervical Bryan disc arthroplasty: A case report. <i>World Journal of Clinical Cases</i> , 2019, 7, 3047-3054.	0.8	3
42	PRIMARY THORACIC INTRASPINAL HEMANGIOPERICYTOMA MIMICS MENINGEAL TUMOR: A CASE REPORT AND LITERATURE REVIEW. <i>Journal of Musculoskeletal Research</i> , 2010, 13, 83-88.	0.2	1
43	Response to a Letter to the Editor. <i>Spine Journal</i> , 2020, 20, 1522-1523.	1.3	1
44	Letter to editor regarding "Incidence of bone loss after prestige-LP cervical disc arthroplasty: a single-center retrospective study of 396 cases" <i>Spine Journal</i> , 2021, 21, 720-721.	1.3	1
45	Spine and Rheumatic Diseases. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	0
46	Sagittal alignment maintained using anterior discectomy and fusion in a child with postlaminectomy kyphosis after intraspinal tumor excision—a follow-up imaging series. <i>Spine Journal</i> , 2015, 15, 1904-1906.	1.3	0
47	Percutaneous Endoscopic Surgery Alone to Treat Severe Infectious Spondylodiscitis in the Thoracolumbar Spine: A Reparative Mechanism of Spontaneous Spinal Arthrodesis. <i>Pain Physician</i> , 2022, 25, E299-E308.	0.4	0