

Chao-Hung Kuo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Predictive modeling of blood pressure during hemodialysis: a comparison of linear model, random forest, support vector regression, XGBoost, LASSO regression and ensemble method. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 195, 105536.	4.7	69
2	Anticancer effects of clinically acceptable colchicine concentrations on human gastric cancer cell lines. <i>Kaohsiung Journal of Medical Sciences</i> , 2016, 32, 68-73.	1.9	54
3	Apigenin has anti-atrophic gastritis and anti-gastric cancer progression effects in <i>Helicobacter pylori</i> -infected Mongolian gerbils. <i>Journal of Ethnopharmacology</i> , 2014, 151, 1031-1039.	4.1	42
4	Approaches to closed-loop deep brain stimulation for movement disorders. <i>Neurosurgical Focus</i> , 2018, 45, E2.	2.3	42
5	Primary Endoscopic Transnasal Transsphenoidal Surgery for Giant Pituitary Adenoma. <i>World Neurosurgery</i> , 2016, 91, 121-128.	1.3	34
6	Recent advances in the management of cervical spondylotic myelopathy: bibliometric analysis and surgical perspectives. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 299-309.	1.7	29
7	Dynamic stabilization for L4–5 spondylolisthesis: comparison with minimally invasive transforaminal lumbar interbody fusion with more than 2 years of follow-up. <i>Neurosurgical Focus</i> , 2016, 40, E3.	2.3	28
8	Radiological adjacent-segment degeneration in L4–5 spondylolisthesis: comparison between dynamic stabilization and minimally invasive transforaminal lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 250-258.	1.7	27
9	Laser Ablation Therapy for Pediatric Patients with Intracranial Lesions in Eloquent Areas. <i>World Neurosurgery</i> , 2019, 121, e191-e199.	1.3	21
10	The Effect of Lumbar Lordosis on Screw Loosening in Dynesys Dynamic Stabilization: Four-Year Follow-Up with Computed Tomography. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	20
11	Long-Term Use of Probiotic-Containing Yogurts Is a Safe Way to Prevent <i>Helicobacter pylori</i> : Based on a Mongolian Gerbil's Model. <i>Biochemistry Research International</i> , 2013, 2013, 1-7.	3.3	18
12	Eradication of <i>Helicobacter pylori</i> infection. <i>Kaohsiung Journal of Medical Sciences</i> , 2014, 30, 167-172.	1.9	18
13	Comparison of Second-Line Quadruple Therapies with or without Bismuth for <i>Helicobacter pylori</i> Infection. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	18
14	Cervical disc arthroplasty for less-mobile discs. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 310-316.	1.7	18
15	Primary Endoscopic Transnasal Transsphenoidal Surgery for Magnetic Resonance Image–Positive Cushing Disease: Outcomes of a Series over 14 Years. <i>World Neurosurgery</i> , 2015, 84, 772-779.	1.3	17
16	Effects of smoking on cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 168-174.	1.7	17
17	Radiological and clinical outcomes of 3-level cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 174-181.	1.7	17
18	<i>Helicobacter pylori</i> and Systemic Disease. <i>Gastroenterology Research and Practice</i> , 2014, 2014, 1-3.	1.5	15

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19	IL-33 regulates M1/M2 chemokine expression via mitochondrial redox-related mitophagy in human monocytes. <i>Chemico-Biological Interactions</i> , 2022, 359, 109915.	4.0	15
20	A Rapid and Accurate Method to Evaluate <i>Helicobacter pylori</i> Infection, Clarithromycin Resistance, and CYP2C19 Genotypes Simultaneously From Gastric Juice. <i>Medicine (United States)</i> , 2016, 95, e3458.	1.0	13
21	4D spatiotemporal modulation of biomolecules distribution in anisotropic corrugated microwrinkles via electrically manipulated microcapsules within hierarchical hydrogel for spinal cord regeneration. <i>Biomaterials</i> , 2021, 271, 120762.	11.4	13
22	Utility of the Iodine Overlay Technique and Virtual Nonenhanced Images for the Preoperative T Staging of Colorectal Cancer by Dual-Energy CT with Tin Filter Technology. <i>PLoS ONE</i> , 2014, 9, e113589.	2.5	13
23	17 β -Estradiol Inhibits Mesenchymal Stem Cells-Induced Human AGS Gastric Cancer Cell Mobility via Suppression of CCL5- Src/Cas/Paxillin Signaling Pathway. <i>International Journal of Medical Sciences</i> , 2014, 11, 7-16.	2.5	12
24	Radiological and clinical outcomes of cervical disc arthroplasty for the elderly: a comparison with young patients. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 115.	1.9	12
25	The Effect of T1-Slope in Spinal Parameters After Cervical Disc Arthroplasty. <i>Neurosurgery</i> , 2020, 87, 1231-1239.	1.1	12
26	Anterior Cervical Discectomy and Fusion for Hirayama Disease: A Case Report and Literature Review. <i>Neurospine</i> , 2019, 16, 626-630.	2.9	11
27	Changes of Facet Joints After Dynamic Stabilization: Continuous Degeneration or Slow Fusion?. <i>World Neurosurgery</i> , 2018, 113, e45-e50.	1.3	10
28	Tailored susceptibility-guided therapy via gastric juice PCR for the first-line <i>H. pylori</i> eradication, a randomized controlled trial. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 1450-1457.	1.7	10
29	An Instrumented Glove-Controlled Portable Hand-Exoskeleton for Bilateral Hand Rehabilitation. <i>Biosensors</i> , 2021, 11, 495.	4.7	10
30	Clinicopathological features and outcome of esophageal neuroendocrine tumor: A retrospective multicenter survey by the digestive endoscopy society of Taiwan. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 508-514.	1.7	9
31	Immunological map in COVID-19. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 547-556.	3.1	9
32	Effects of smoking on pedicle screw-based dynamic stabilization: radiological and clinical evaluations of screw loosening in 306 patients. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 398-405.	1.7	9
33	Postendoscopic retrograde cholangiopancreatography pancreatitis. <i>Kaohsiung Journal of Medical Sciences</i> , 2019, 35, 195-201.	1.9	8
34	Modulation of Theta-Band Local Field Potential Oscillations Across Brain Networks With Central Thalamic Deep Brain Stimulation to Enhance Spatial Working Memory. <i>Frontiers in Neuroscience</i> , 2019, 13, 1269.	2.8	7
35	Concurrent Deep Brain Stimulation Reduces the Direct Cortical Stimulation Necessary for Motor Output. <i>Movement Disorders</i> , 2020, 35, 2348-2353.	3.9	7
36	Significant association between blood lead (Pb) level and haemoglobin A1c in non-diabetic population. <i>Diabetes and Metabolism</i> , 2021, 47, 101233.	2.9	7

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37	Lowering radiation dose during dedicated colorectal cancer MDCT: comparison of low tube voltage and sinogram-affirmed iterative reconstruction at 80ÅkVp versus blended dual-energy images in a population of patients with low body mass index. <i>Abdominal Imaging</i> , 2015, 40, 2867-2876.	2.0	6
38	Allergic rhinitis as a key factor for the development of gastroesophageal reflux disease in children. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 1167-1174.	3.1	6
39	Minimally invasive dynamic screw stabilization using cortical bone trajectory. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 605.	1.9	6
40	Combined Anterior and Posterior Decompression With Fusion for Cervical Ossification of the Posterior Longitudinal Ligament. <i>Frontiers in Surgery</i> , 2021, 8, 730133.	1.4	6
41	Anterior Bone Loss in Cervical Disc Arthroplasty Correlates with Increased Cervical Lordosis. <i>World Neurosurgery</i> , 2022, , .	1.3	6
42	A Differentiable Dynamic Model for Musculoskeletal Simulation and Exoskeleton Control. <i>Biosensors</i> , 2022, 12, 312.	4.7	6
43	Context-dependent relationship in high-resolution micro-ECoG studies during finger movements. <i>Journal of Neurosurgery</i> , 2020, 132, 1358-1366.	1.6	5
44	Inhibition of Long-Term Variability in Decoding Forelimb Trajectory Using Evolutionary Neural Networks With Error-Correction Learning. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 22.	2.1	4
45	A Novel Tongue Pressure Measurement Instrument with Wireless Mobile Application Control Function and Disposable Positioning Mouthpiece. <i>Diagnostics</i> , 2021, 11, 489.	2.6	4
46	Uncovering the Modulatory Interactions of Brain Networks in Cognition with Central Thalamic Deep Brain Stimulation Using Functional Magnetic Resonance Imaging. <i>Neuroscience</i> , 2020, 440, 65-84.	2.3	4
47	Suture Repair in Endoscopic Surgery for Craniovertebral Junction. <i>Neurospine</i> , 2019, 16, 257-266.	2.9	4
48	Primary Choroid Plexus Papilloma over Sellar Region Mimicking with Craniopharyngioma: A Case Report and Literature Review. <i>Cureus</i> , 2018, 10, e2849.	0.5	4
49	Augmented Reality-Assisted Percutaneous Pedicle Screw Instrumentation: A Cadaveric Feasibility and Accuracy Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5261.	2.5	4
50	Letter to the Editor: Lumbar disc mimicking tumor. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 767-768.	1.7	3
51	Unusual imaging presentation of spinal glomus tumor: case report. <i>Journal of Spine Surgery</i> , 2017, 3, 715-718.	1.2	3
52	Simultaneously Spatiospectral Pattern Learning and Contaminated Trial Pruning for Electroencephalography-Based Brain Computer Interface. <i>Symmetry</i> , 2020, 12, 1387.	2.2	3
53	Hyperbaric Oxygen Therapy Alleviates the Autoimmune Encephalomyelitis via the Reduction of IL-17a and GM-CSF Production of Autoreactive T Cells as Well as Boosting the Immunosuppressive IL-10 in the Central Nervous System Tissue Lesions. <i>Biomedicines</i> , 2021, 9, 943.	3.2	3
54	Dialysis-related Amyloidosis Cervical Vertebral Body Destruction and Cord Compression. <i>Radiology</i> , 2022, 302, 28-28.	7.3	3

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55	Disappearance of Anterior Cervical Corpectomy Cage. <i>Cureus</i> , 2019, 11, e3985.	0.5	3
56	Unusual Radiographic Presentation of Intracranial Mature Teratoma and Resection via Supraorbital Approach. <i>World Neurosurgery</i> , 2019, 122, 81-84.	1.3	2
57	Late complication of cervical disc arthroplasty: heterotopic ossification causing myelopathy after 10 years. Illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.3	2
58	Atypical Presentation of Giant Aneurysm in Pediatric Patient with Duane Syndrome. <i>World Neurosurgery</i> , 2018, 116, 25-28.	1.3	1
59	Enhancement of Hippocampal Spatial Decoding Using a Dynamic Q-Learning Method With a Relative Reward Using Theta Phase Precession. <i>International Journal of Neural Systems</i> , 2020, 30, 2050048.	5.2	1
60	Electrocorticography to Investigate Age-Related Brain Lateralization on Pediatric Motor Inhibition. <i>Frontiers in Neurology</i> , 2022, 13, 747053.	2.4	1
61	Surgery for Temporal Lobe Epilepsy. , 2018, , 761-770.e2.		0
62	Higher Risk of Intervertebral Disc Herniation among Neurosurgeons Than Neurologists: 15 Year-Follow-Up of a Physician Cohort. <i>Journal of Clinical Medicine</i> , 2018, 7, 198.	2.4	0
63	Traumatic Vertebral Fracture in a Patient With Transforaminal Lumbar Interbody Fusion: A Rare Complication. <i>Cureus</i> , 2021, 13, e19004.	0.5	0
64	Extratemporal Procedures and Hemispherectomy for Epilepsy. , 2018, , 771-780.e2.		0
65	Letter to the Editor. Indolent clinical and radiological effects of cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 984-985.	1.7	0
66	The Effect of T1-Slope in Spinal Parameters After Cervical Disc Arthroplasty. <i>Neurosurgery</i> , 2021, 89, S50-S50.	1.1	0
67	Cortical Bone Trajectory-Based Dynamic Stabilization. <i>World Neurosurgery</i> , 2022, 159, e416-e424.	1.3	0