

Deepak A Kaji

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

779
citations

623734

14
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

1261
citing authors

#	ARTICLE	IF	CITATIONS
1	Examining the Ability of Artificial Neural Networks Machine Learning Models to Accurately Predict Complications Following Posterior Lumbar Spine Fusion. <i>Spine</i> , 2018, 43, 853-860.	2.0	122
2	An attention based deep learning model of clinical events in the intensive care unit. <i>PLoS ONE</i> , 2019, 14, e0211057.	2.5	108
3	Predicting Surgical Complications in Adult Patients Undergoing Anterior Cervical Discectomy and Fusion Using Machine Learning. <i>Neurospine</i> , 2018, 15, 329-337.	2.9	67
4	Tgfb ² signaling is required for tenocyte recruitment and functional neonatal tendon regeneration. <i>ELife</i> , 2020, 9, .	6.0	66
5	Predicting Surgical Complications in Patients Undergoing Elective Adult Spinal Deformity Procedures Using Machine Learning. <i>Spine Deformity</i> , 2018, 6, 762-770.	1.5	61
6	Experimental and Computational Insight Into Human Mesenchymal Stem Cell Paracrine Signaling and Heterocellular Coupling Effects on Cardiac Contractility and Arrhythmogenicity. <i>Circulation Research</i> , 2017, 121, 411-423.	4.5	56
7	Automated Measurement of Lumbar Lordosis on Radiographs Using Machine Learning and Computer Vision. <i>Global Spine Journal</i> , 2020, 10, 611-618.	2.3	47
8	Obesity as a susceptibility factor to indoor particulate matter health effects in COPD. <i>European Respiratory Journal</i> , 2015, 45, 1248-1257.	6.7	42
9	Hypoalbuminemia as an Independent Risk Factor for Perioperative Complications Following Surgical Decompression of Spinal Metastases. <i>Global Spine Journal</i> , 2019, 9, 321-330.	2.3	31
10	Prognostic value of polygenic risk scores for adults with psychosis. <i>Nature Medicine</i> , 2021, 27, 1576-1581.	30.7	31
11	Association between probiotic and yogurt consumption and kidney disease: insights from NHANES. <i>Nutrition Journal</i> , 2015, 15, 10.	3.4	29
12	Association of traffic air pollution and rhinitis quality of life in Peruvian children with asthma. <i>PLoS ONE</i> , 2018, 13, e0193910.	2.5	27
13	The Impact of Metastatic Spinal Tumor Location on 30-Day Perioperative Mortality and Morbidity After Surgical Decompression. <i>Spine</i> , 2018, 43, E648-E655.	2.0	19
14	Transcriptional profiling of mESC-derived tendon and fibrocartilage cell fate switch. <i>Nature Communications</i> , 2021, 12, 4208.	12.8	16
15	Indoor pollutant exposure is associated with heightened respiratory symptoms in atopic compared to non-atopic individuals with COPD. <i>BMC Pulmonary Medicine</i> , 2014, 14, 147.	2.0	15
16	Macrophage depletion impairs neonatal tendon regeneration. <i>FASEB Journal</i> , 2021, 35, e21618.	0.5	14
17	ScxLin cells directly form a subset of chondrocytes in temporomandibular joint that are sharply increased in Dmp1-null mice. <i>Bone</i> , 2021, 142, 115687.	2.9	7
18	Detecting insertion, substitution, and deletion errors in radiology reports using neural sequence-to-sequence models. <i>Annals of Translational Medicine</i> , 2019, 7, 233-233.	1.7	7

#	ARTICLE	IF	CITATIONS
19	Artificial Intelligence (AI) Can Predict Postoperative Complications Better than Traditional Statistical Testing Following Anterior Cervical Discectomy and Fusion (ACDF). Spine Journal, 2017, 17, S145-S146.	1.3	4
20	Cellular Plasticity in Musculoskeletal Development, Regeneration, and Disease. Journal of Orthopaedic Research, 2020, 38, 708-718.	2.3	4
21	Artificial Intelligence (AI) Can Predict Complications Better than Traditional Statistical Testing Following Fusion for Anterior Lumbar Fusion (ALF). Spine Journal, 2017, 17, S146.	1.3	2
22	Artificial Intelligence can Predict Postoperative Complications Better than Traditional Statistical Testing Following Posterior Lumbar Fusion. Spine Journal, 2017, 17, S199.	1.3	1
23	Human Mesenchymal Stem Cell Paracrine Signaling Counteracts Heterocellular Coupling Effects on Cardiac Contractility and Arrhythmogenicity. Biophysical Journal, 2017, 112, 162a.	0.5	0
24	Artificial Intelligence Can Predict Complications Better than Traditional Statistical Testing Following Posterior Cervical Fusion. Spine Journal, 2017, 17, S247.	1.3	0
25	High ASA Classification Is a Risk Factor for Short-Term Adverse Outcomes following Laminectomy for Removal of Intradural Extramedullary Spinal Tumors. Spine Journal, 2017, 17, S179.	1.3	0
26	Predictors of Discharge Destination following Elective Laminectomy for Excision of Intradural Extramedullary Spinal Tumors. Spine Journal, 2017, 17, S179.	1.3	0