

# Srinivasu Kallakuri

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,648  
citations

304743

22  
h-index

302126

39  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal dynamics of HDACs class IIa following mild traumatic brain injury in adult rats. <i>Molecular Psychiatry</i> , 2022, 27, 1683-1693.	7.9	3
2	Effects of fentanyl on acute locomotor activity, behavioral sensitization, and contextual reward in female and male rats. <i>Drug and Alcohol Dependence</i> , 2021, 229, 109101.	3.2	17
3	Time course of blast-induced injury in the rat auditory cortex. <i>PLoS ONE</i> , 2018, 13, e0193389.	2.5	14
4	Quantitative electroencephalography in a swine model of blast-induced brain injury. <i>Brain Injury</i> , 2017, 31, 120-126.	1.2	9
5	Neuronal Injury and Glial Changes Are Hallmarks of Open Field Blast Exposure in Swine Frontal Lobe. <i>PLoS ONE</i> , 2017, 12, e0169239.	2.5	16
6	Biomechanical Responses of the Brain in Swine Subject to Free-Field Blasts. <i>Frontiers in Neurology</i> , 2016, 7, 179.	2.4	18
7	Blast overpressure induced axonal injury changes in rat brainstem and spinal cord. <i>Journal of Neurosciences in Rural Practice</i> , 2015, 06, 481-487.	0.8	10
8	Acute and subacute effects of the ultrasonic blade and electrosurgery on nerve physiology. <i>British Journal of Neurosurgery</i> , 2015, 29, 569-573.	0.8	9
9	Correlation of mechanical impact responses and biomarker levels: A new model for biomarker evaluation in TBI. <i>Journal of the Neurological Sciences</i> , 2015, 359, 280-286.	0.6	23
10	Traumatic Brain Injury by a Closed Head Injury Device Induces Cerebral Blood Flow Changes and Microhemorrhages. <i>Journal of Clinical Imaging Science</i> , 2015, 5, 52.	1.1	11
11	The effects of ultrasonic and electrosurgery devices on nerve physiology. <i>British Journal of Neurosurgery</i> , 2012, 26, 856-863.	0.8	26
12	Impaired axoplasmic transport is the dominant injury induced by an impact acceleration injury device: An analysis of traumatic axonal injury in pyramidal tract and corpus callosum of rats. <i>Brain Research</i> , 2012, 1452, 29-38.	2.2	15
13	Temporal assessment of traumatic axonal injury in the rat corpus callosum and optic chiasm. <i>Brain Research</i> , 2012, 1467, 81-90.	2.2	15
14	Innervation of cervical ventral facet joint capsule: Histological evidence. <i>World Journal of Orthopedics</i> , 2012, 3, 10.	1.8	32
15	Quantitative Relationship between Axonal Injury and Mechanical Response in a Rodent Head Impact Acceleration Model. <i>Journal of Neurotrauma</i> , 2011, 28, 1767-1782.	3.4	48
16	Injury predictors for traumatic axonal injury in a rodent head impact acceleration model. <i>Stapp Car Crash Journal</i> , 2011, 55, 25-47.	1.1	11
17	Structural and Functional Changes in Nerve Roots Due to Tension at Various Strains and Strain Rates: An <i>In-Vivo</i> Study. <i>Journal of Neurotrauma</i> , 2009, 26, 627-640.	3.4	57
18	Strain and load thresholds for cervical muscle recruitment in response to quasi-static tensile stretch of the caprine C5-C6 facet joint capsule. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, e387-e394.	1.7	13

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19	Tensile stretching of cervical facet joint capsule and related axonal changes. <i>European Spine Journal</i> , 2008, 17, 556-563.	2.2	44
20	Spatial alterations in endothelin receptor expression are temporally associated with the altered microcirculation after brain trauma. <i>Neurological Research</i> , 2007, 29, 362-368.	1.3	21
21	Effects of interleukin-1 beta, interleukin-6, and tumor necrosis factor on sensitivity of dorsal root ganglion and peripheral receptive fields in rats. <i>European Spine Journal</i> , 2006, 15, 1529-1537.	2.2	149
22	Distribution of A- $\delta$ and C-Fiber Receptors in the Cervical Facet Joint Capsule and Their Response to Stretch. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1807-1816.	3.0	78
23	Pain Generation in Lumbar and Cervical Facet Joints. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 63-67.	3.0	149
24	PAIN GENERATION IN LUMBAR AND CERVICAL FACET JOINTS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 63-67.	3.0	3
25	DISTRIBUTION OF A- $\delta$ AND C-FIBER RECEPTORS IN THE CERVICAL FACET JOINT CAPSULE AND THEIR RESPONSE TO STRETCH. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1807-1816.	3.0	10
26	A new model of traumatic axonal injury to determine the effects of strain and displacement rates. <i>Stapp Car Crash Journal</i> , 2006, 50, 601-23.	1.1	33
27	Recording of Neural Activity From Goat Cervical Facet Joint Capsule Using Custom-Designed Miniature Electrodes. <i>Spine</i> , 2005, 30, 1367-1372.	2.0	38
28	Neurophysiological and biomechanical characterization of goat cervical facet joint capsules. <i>Journal of Orthopaedic Research</i> , 2005, 23, 779-787.	2.3	79
29	The effects of epidural application of allografted nucleus pulposus in rats on cytokine expression, limb withdrawal and nerve root discharge. <i>European Spine Journal</i> , 2005, 14, 956-964.	2.2	25
30	Development of an in vivo method to investigate biomechanical and neurophysiological properties of spine facet joint capsules. <i>European Spine Journal</i> , 2005, 14, 565-572.	2.2	36
31	Neural response of cervical facet joint capsule to stretch: a study of whiplash pain mechanism. <i>Stapp Car Crash Journal</i> , 2005, 49, 49-65.	1.1	58
32	Effects of Nucleus Pulposus on Nerve Root Neural Activity, Mechanosensitivity, Axonal Morphology, and Sodium Channel Expression. <i>Spine</i> , 2004, 29, 17-25.	2.0	59
33	Demonstration of Substance P, Calcitonin Gene-Related Peptide, and Protein Gene Product 9.5 Containing Nerve Fibers in Human Cervical Facet Joint Capsules. <i>Spine</i> , 2004, 29, 1182-1186.	2.0	101
34	The effect of varying impact energy on diffuse axonal injury in the rat brain: a preliminary study. <i>Experimental Brain Research</i> , 2003, 148, 419-424.	1.5	36
35	Effect of Nucleus Pulposus on the Neural Activity of Dorsal Root Ganglion. <i>Spine</i> , 2001, 26, 940-944.	2.0	112
36	An Immunohistochemical Study of Innervation of Lumbar Spinal Dura and Longitudinal Ligaments. <i>Spine</i> , 1998, 23, 403-411.	2.0	54

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37	Phospholipase A2 Sensitivity of the Dorsal Root and Dorsal Root Ganglion. Spine, 1998, 23, 1297-1306.	2.0	46
38	Effects of Phospholipase A2 on Lumbar Nerve Root Structure and Function. Spine, 1997, 22, 1057-1064.	2.0	80
39	Innervation of the Rabbit Lumbar Intervertebral Disc and Posterior Longitudinal Ligament. Spine, 1995, 20, 2080-2085.	2.0	54
40	Neural Response of Cervical Facet Joint Capsule to Stretch: A Study of Whiplash Pain Mechanism. , 0, , .		32
41	Injury Predictors for Traumatic Axonal Injury in a Rodent Head Impact Acceleration Model. , 0, , .		4
42	Muscular Response to Physiologic Tensile Stretch of the Caprine C5/6 Facet Joint Capsule: Dynamic Recruitment Thresholds and Latencies. , 0, , .		0