

# Kjell Olmarker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4102658/publications.pdf>

Version: 2024-02-01

15  
papers

713  
citations

933447

10  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

441  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of experimental graded compression on blood flow in spinal nerve roots. A vital microscopic study on the porcine cauda equina. <i>Journal of Orthopaedic Research</i> , 1989, 7, 817-823.	2.3	161
2	Pathogenesis of Sciatic Pain. <i>Spine</i> , 2002, 27, 1312-1317.	2.0	93
3	Changes in Spontaneous Behavior in Rats Exposed to Experimental Disc Herniation are Blocked by Selective TNF-Alpha Inhibition. <i>Spine</i> , 2003, 28, 1635-1641.	2.0	90
4	Methylprednisolone reduces the early vascular permeability increase in spinal nerve roots induced by epidural nucleus pulposus application. <i>Journal of Orthopaedic Research</i> , 2000, 18, 983-987.	2.3	88
5	Spinal nerve root compression. <i>Acta Orthopaedica</i> , 1991, 62, 1-27.	1.4	67
6	Double-level cauda equina compression: An experimental study with continuous monitoring of intraneural blood flow in the porcine cauda equina. <i>Journal of Orthopaedic Research</i> , 1993, 11, 104-109.	2.3	66
7	Nitric oxide as a mediator of nucleus pulposus-induced effects on spinal nerve roots. <i>Journal of Orthopaedic Research</i> , 2000, 18, 815-820.	2.3	49
8	Inflammation in the hippocampus affects IGF1 receptor signaling and contributes to neurological sequelae in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12063-E12072.	7.1	41
9	Reduction of adhesion formation and promotion of wound healing after laminectomy by pharmacological inhibition of pro-inflammatory cytokines: an experimental study in the rat. <i>European Spine Journal</i> , 2010, 19, 2117-2121.	2.2	21
10	Long-term outcome of targeted therapy for low back pain in elderly degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2021, 30, 2020-2032.	2.2	19
11	Increase of Sodium Channels (Nav 1.8 and Nav 1.9) in Rat Dorsal Root Ganglion Neurons Exposed to Autologous Nucleus Pulposus. <i>The Open Orthopaedics Journal</i> , 2014, 8, 69-73.	0.2	10
12	Model for assessment of mobility of toes and healing of tendons in rabbits. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2010, 44, 266-271.	0.8	4
13	Combination of Two Cytokine Inhibitors Reduces Nucleus Pulposus-Induced Nerve Injury More Than Using Each Inhibitor Separately. <i>The Open Orthopaedics Journal</i> , 2011, 5, 151-153.	0.2	4
14	Translational Studies on Biologic Fusion of a Vertebral Segment as a Novel Treatment Modality for Low Back Pain. <i>Spine</i> , 2020, 45, E1636-E1644.	2.0	0
15	Structural Analysis of Experimentally Induced Disc Herniation-Like Changes in the Rat. <i>Spine Surgery and Related Research</i> , 2020, 4, 117-123.	0.7	0