

# Claudia Kathe

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

514  
citations

10  
h-index

19  
g-index

19  
ext. papers

834  
ext. citations

15.3  
avg, IF

3.21  
L-index

#	Paper	IF	Citations
17	A Whole-Body Musculoskeletal Model of the Mouse.. <i>IEEE Access</i> , <b>2021</b> , 9, 163861-163881	3.5	1
16	Cell type prioritization in single-cell data. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 30-34	44.5	27
15	Neuroprosthetic baroreflex controls haemodynamics after spinal cord injury. <i>Nature</i> , <b>2021</b> , 590, 308-314	50.4	27
14	Wireless closed-loop optogenetics across the entire dorsoventral spinal cord in mice. <i>Nature Biotechnology</i> , <b>2021</b> ,	44.5	9
13	Confronting false discoveries in single-cell differential expression. <i>Nature Communications</i> , <b>2021</b> , 12, 5692	17.4	21
12	Cbp-dependent histone acetylation mediates axon regeneration induced by environmental enrichment in rodent spinal cord injury models. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	39
11	RNA sequencing dataset describing transcriptional changes in cervical dorsal root ganglia after bilateral pyramidotomy and forelimb intramuscular gene therapy with an adeno-associated viral vector encoding human neurotrophin-3. <i>Data in Brief</i> , <b>2018</b> , 21, 377-385	1.2	2
10	Trans-neuronal transduction of spinal neurons following cortical injection and anterograde axonal transport of a bicistronic AAV1 vector. <i>Gene Therapy</i> , <b>2016</b> , 23, 231-6	4	13
9	Delayed intramuscular human neurotrophin-3 improves recovery in adult and elderly rats after stroke. <i>Brain</i> , <b>2016</b> , 139, 259-75	11.2	35
8	Intramuscular Neurotrophin-3 normalizes low threshold spinal reflexes, reduces spasms and improves mobility after bilateral corticospinal tract injury in rats. <i>ELife</i> , <b>2016</b> , 5,	8.9	18
7	Unilateral pyramidotomy of the corticospinal tract in rats for assessment of neuroplasticity-inducing therapies. <i>Journal of Visualized Experiments</i> , <b>2014</b> ,	1.6	13
6	The use of an adeno-associated viral vector for efficient bicistronic expression of two genes in the central nervous system. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1162, 189-207	1.4	5
5	ALS mutant FUS disrupts nuclear localization and sequesters wild-type FUS within cytoplasmic stress granules. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 2676-88	5.6	154
4	Nuclear import impairment causes cytoplasmic trans-activation response DNA-binding protein accumulation and is associated with frontotemporal lobar degeneration. <i>Brain</i> , <b>2010</b> , 133, 1763-71	11.2	137
3	Cell type prioritization in single-cell data		2
2	Confronting false discoveries in single-cell differential expression		7
1	A Single Cell Atlas of Spared Tissue Below a Spinal Cord Injury Reveals Cellular Mechanisms of Repair		4

