

# Stefan Plantman

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

803  
citations

623734

14  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrin-laminin interactions controlling neurite outgrowth from adult DRG neurons in vitro. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 50-62.	2.2	90
2	Alteration in BDNF and its receptors, full-length and truncated TrkB and p75NTR following penetrating traumatic brain injury. <i>Brain Research</i> , 2014, 1542, 195-205.	2.2	89
3	Impeded Interaction between Schwann Cells and Axons in the Absence of Laminin $\hat{A}4$ . <i>Journal of Neuroscience</i> , 2005, 25, 3692-3700.	3.6	84
4	A Model for Mild Traumatic Brain Injury that Induces Limited Transient Memory Impairment and Increased Levels of Axon Related Serum Biomarkers. <i>Frontiers in Neurology</i> , 2012, 3, 115.	2.4	67
5	The Temporal Pattern of Changes in Serum Biomarker Levels Reveals Complex and Dynamically Changing Pathologies after Exposure to a Single Low-Intensity Blast in Mice. <i>Frontiers in Neurology</i> , 2015, 6, 114.	2.4	66
6	Characterization of a Novel Rat Model of Penetrating Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 1219-1232.	3.4	56
7	Dorsal root ganglion neurons up-regulate the expression of laminin-associated integrins after peripheral but not central axotomy. <i>Journal of Comparative Neurology</i> , 2004, 480, 162-169.	1.6	53
8	The Loop Diuretic Bumetanide Blocks Posttraumatic p75 <sup>NTR</sup> Upregulation and Rescues Injured Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 1757-1770.	3.6	52
9	COX-2 regulation and TUNEL-positive cell death differ between genders in the secondary inflammatory response following experimental penetrating focal brain injury in rats. <i>Acta Neurochirurgica</i> , 2015, 157, 649-659.	1.7	42
10	Classical Major Histocompatibility Complex Class I Molecules in Motoneurons: New Actors at the Neuromuscular Junction. <i>Journal of Neuroscience</i> , 2009, 29, 13503-13515.	3.6	37
11	Neuroprotective effects of N-acetylcysteine amide on experimental focal penetrating brain injury in rats. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1477-1483.	1.5	29
12	Osteopontin is upregulated after mechanical brain injury and stimulates neurite growth from hippocampal neurons through $\hat{\alpha}1$ integrin and CD44. <i>NeuroReport</i> , 2012, 23, 647-652.	1.2	28
13	A Novel Mouse Model of Penetrating Brain Injury. <i>Frontiers in Neurology</i> , 2014, 5, 209.	2.4	25
14	Proregenerative Properties of ECM Molecules. <i>BioMed Research International</i> , 2013, 2013, 1-11.	1.9	24
15	On Acute Gene Expression Changes after Ventral Root Replantation. <i>Frontiers in Neurology</i> , 2011, 1, 159.	2.4	13
16	Neuronal myosin-X is upregulated after peripheral nerve injury and mediates laminin-induced growth of neurites. <i>Molecular and Cellular Neurosciences</i> , 2013, 56, 96-101.	2.2	13
17	Integrin messenger RNAs in the red nucleus after axotomy and neurotrophic administration. <i>NeuroReport</i> , 2005, 16, 709-713.	1.2	12
18	Altered expression of nectin-like adhesion molecules in the peripheral nerve after sciatic nerve transection. <i>Neuroscience Letters</i> , 2009, 449, 28-33.	2.1	11

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19	Inhibition of proteoglycan synthesis affects neuronal outgrowth and astrocytic migration in organotypic cultures of fetal ventral mesencephalon. <i>Journal of Neuroscience Research</i> , 2008, 86, 84-92.	2.9	8
20	Novel rodent models of penetrating traumatic brain injury. <i>Neural Regeneration Research</i> , 2015, 10, 1047.	3.0	3
21	Integrin manipulation to improve regeneration. <i>Cell Adhesion and Migration</i> , 2012, 6, 451-453.	2.7	1