

# Svetlana Mastitskaya

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,327  
citations

430874

18  
h-index

501196

28  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardioprotection evoked by remote ischaemic preconditioning is critically dependent on the activity of vagal pre-ganglionic neurones. <i>Cardiovascular Research</i> , 2012, 95, 487-494.	3.8	187
2	Assessment of stem cell/biomaterial combinations for stem cell-based tissue engineering. <i>Biomaterials</i> , 2008, 29, 302-313.	11.4	157
3	Remote ischaemic pre- and delayed postconditioning " similar degree of cardioprotection but distinct mechanisms. <i>Experimental Physiology</i> , 2012, 97, 908-917.	2.0	128
4	Capillary pericytes mediate coronary no-reflow after myocardial ischaemia. <i>ELife</i> , 2017, 6, .	6.0	106
5	Brain metabolic sensing and metabolic signaling at the level of an astrocyte. <i>Glia</i> , 2018, 66, 1185-1199.	4.9	86
6	Glucagon-like peptide-1 (GLP-1) mediates cardioprotection by remote ischaemic conditioning. <i>Cardiovascular Research</i> , 2016, 112, 669-676.	3.8	81
7	Purnergic signalling in the rostral ventro-lateral medulla controls sympathetic drive and contributes to the progression of heart failure following myocardial infarction in rats. <i>Basic Research in Cardiology</i> , 2013, 108, 317.	5.9	71
8	Avoiding off-target effects in electrical stimulation of the cervical vagus nerve: Neuroanatomical tracing techniques to study fascicular anatomy of the vagus nerve. <i>Journal of Neuroscience Methods</i> , 2019, 325, 108325.	2.5	61
9	Impaired brain glymphatic flow in experimental hepatic encephalopathy. <i>Journal of Hepatology</i> , 2019, 70, 40-49.	3.7	55
10	Identifying the Source of a Humoral Factor of Remote (Pre)Conditioning Cardioprotection. <i>PLoS ONE</i> , 2016, 11, e0150108.	2.5	50
11	A circadian clock in the sinus node mediates day-night rhythms in Hcn4 and heart rate. <i>Heart Rhythm</i> , 2021, 18, 801-810.	0.7	46
12	Selective Neuromodulation of the Vagus Nerve. <i>Frontiers in Neuroscience</i> , 2021, 15, 685872.	2.8	46
13	MicroCT optimisation for imaging fascicular anatomy in peripheral nerves. <i>Journal of Neuroscience Methods</i> , 2020, 338, 108652.	2.5	29
14	Optogenetic Stimulation of Vagal Efferent Activity Preserves Left Ventricular Function in Experimental Heart Failure. <i>JACC Basic To Translational Science</i> , 2020, 5, 799-810.	4.1	27
15	Common clonal origin of conventional T cells and induced regulatory T cells in breast cancer patients. <i>Nature Communications</i> , 2021, 12, 1119.	12.8	26
16	Imaging fascicular organization of rat sciatic nerves with fast neural electrical impedance tomography. <i>Nature Communications</i> , 2020, 11, 6241.	12.8	24
17	Selective optogenetic stimulation of efferent fibers in the vagus nerve of a large mammal. <i>Brain Stimulation</i> , 2021, 14, 88-96.	1.6	24
18	Selective Vagus Nerve Stimulation as a Therapeutic Approach for the Treatment of ARDS: A Rationale for Neuro-Immunomodulation in COVID-19 Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 667036.	2.8	23

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19	Modulation of Cardiac Ventricular Excitability by GLP-1 (Glucagon-Like Peptide-1). <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006740.	4.8	20
20	Astrocytes Modulate Baroreflex Sensitivity at the Level of the Nucleus of the Solitary Tract. <i>Journal of Neuroscience</i> , 2020, 40, 3052-3062.	3.6	20
21	Optimization of the electrode drive pattern for imaging fascicular compound action potentials in peripheral nerve with fast neural electrical impedance tomography. <i>Physiological Measurement</i> , 2019, 40, 115007.	2.1	16
22	Fascicle localisation within peripheral nerves through evoked activity recordings: A comparison between electrical impedance tomography and multi-electrode arrays. <i>Journal of Neuroscience Methods</i> , 2021, 358, 109140.	2.5	13
23	Human spongiosa mesenchymal stem cells fail to generate cardiomyocytes in vitro. <i>Journal of Negative Results in BioMedicine</i> , 2009, 8, 11.	1.4	7
24	Reply: Glucagon-like peptide-1 mediates cardioprotection by remote ischaemic conditioning. <i>Cardiovascular Research</i> , 2017, 113, 13.2-14.	3.8	5
25	SPARC: Method for Overcoming Temporal Dispersion in Unmyelinated Nerves for Imaging C Fibres with Electrical Impedance Tomography (EIT). <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	2
26	Simplifying the hardware requirements for fast neural EIT of peripheral nerves. <i>Physiological Measurement</i> , 2022, 43, 015004.	2.1	2
27	Determining the Fascicular Anatomy of the Porcine Vagus Nerve with MicroCT. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
28	Fascicular Organisation and Neuroanatomy of the Porcine and Human Vagus Nerves: Allowing for Spatially Selective Vagus Nerve Stimulation. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
29	Overcoming temporal dispersion for measurement of activity-related impedance changes in unmyelinated nerves. <i>Journal of Neural Engineering</i> , 2022, , .	3.5	0