Elena B Okon

List of Publications by Year
in descending order

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Version: 2024-02-01

37 papers	2,075 citations	331259 21 h-index	377514 34 g-index
38 all docs	38 docs citations	38 times ranked	2645 citing authors

#	Article	IF	Citations
1	Proteomic Portraits Reveal Evolutionarily Conserved and Divergent Responses to Spinal Cord Injury. Molecular and Cellular Proteomics, 2021, 20, 100096.	2.5	14
2	Characterization of Lower Urinary Tract Dysfunction after Thoracic Spinal Cord Injury in Yucatan Minipigs. Journal of Neurotrauma, 2021, 38, 1306-1326.	1.7	8
3	Duraplasty in Traumatic Thoracic Spinal Cord Injury: Impact on Spinal Cord Hemodynamics, Tissue Metabolism, Histology, and Behavioral Recovery Using a Porcine Model. Journal of Neurotrauma, 2021, 38, 2937-2955.	1.7	7
4	Relationship between Early Vasopressor Administration and Spinal Cord Hemorrhage in a Porcine Model of Acute Traumatic Spinal Cord Injury. Journal of Neurotrauma, 2020, 37, 1696-1707.	1.7	13
5	Sensorimotor plasticity after spinal cord injury: a longitudinal and translational study. Annals of Clinical and Translational Neurology, 2019, 6, 68-82.	1.7	19
6	A Direct Comparison between Norepinephrine and Phenylephrine for Augmenting Spinal Cord Perfusion in a Porcine Model of Spinal Cord Injury. Journal of Neurotrauma, 2018, 35, 1345-1357.	1.7	44
7	Review of the UBC Porcine Model of Traumatic Spinal Cord Injury. Journal of Korean Neurosurgical Society, 2018, 61, 539-547.	0.5	20
8	Serum MicroRNAs Reflect Injury Severity in a Large Animal Model of Thoracic Spinal Cord Injury. Scientific Reports, 2017, 7, 1376.	1.6	52
9	Changes in Pressure, Hemodynamics, and Metabolism within the Spinal Cord during the First 7 Days after Injury Using a Porcine Model. Journal of Neurotrauma, 2017, 34, 3336-3350.	1.7	51
10	Responses of the Acutely Injured Spinal Cord to Vibration that Simulates Transport in Helicopters or Mine-Resistant Ambush-Protected Vehicles. Journal of Neurotrauma, 2016, 33, 2217-2226.	1.7	20
11	The Evaluation of Magnesium Chloride within a Polyethylene Glycol Formulation in a Porcine Model of Acute Spinal Cord Injury. Journal of Neurotrauma, 2016, 33, 2202-2216.	1.7	21
12	The Effect of Whole-Body Resonance Vibration in a Porcine Model of Spinal Cord Injury. Journal of Neurotrauma, 2015, 32, 908-921.	1.7	19
13	A Novel Porcine Model of Traumatic Thoracic Spinal Cord Injury. Journal of Neurotrauma, 2013, 30, 142-159.	1.7	123
14	Cerebrospinal Fluid Pressures Resulting From Experimental Traumatic Spinal Cord Injuries in a Pig Model. Journal of Biomechanical Engineering, 2013, 135, 101005.	0.6	17
15	Intraparenchymal Microdialysis after Acute Spinal Cord Injury Reveals Differential Metabolic Responses to Contusive versus Compressive Mechanisms of Injury. Journal of Neurotrauma, 2013, 30, 1564-1576.	1.7	32
16	A Grading System To Evaluate Objectively the Strength of Pre-Clinical Data of Acute Neuroprotective Therapies for Clinical Translation in Spinal Cord Injury. Journal of Neurotrauma, 2011, 28, 1525-1543.	1.7	83
17	A Systematic Review of Directly Applied Biologic Therapies for Acute Spinal Cord Injury. Journal of Neurotrauma, 2011, 28, 1589-1610.	1.7	104
18	A Systematic Review of Cellular Transplantation Therapies for Spinal Cord Injury. Journal of Neurotrauma, 2011, 28, 1611-1682.	1.7	490

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19	A Systematic Review of Non-Invasive Pharmacologic Neuroprotective Treatments for Acute Spinal Cord Injury. Journal of Neurotrauma, 2011, 28, 1545-1588.	1.7	218
20	Expression of Versican Isoform V3 in the Absence of Ascorbate Improves Elastogenesis in Engineered Vascular Constructs. Tissue Engineering - Part A, 2010, 16, 501-512.	1.6	28
21	Magnesium Chloride in a Polyethylene Glycol Formulation as a Neuroprotective Therapy for Acute Spinal Cord Injury: Preclinical Refinement and Optimization. Journal of Neurotrauma, 2009, 26, 1379-1393.	1.7	64
22	Diabetes modulates capacitative calcium entry and expression of transient receptor potential canonical channels in human saphenous vein. European Journal of Pharmacology, 2009, 613, 114-118.	1.7	29
23	Cellular Mechanisms of Bypass Vein Graft Arterialization and Approaches to Attenuate Graft Remodeling. Vascular Disease Prevention, 2008, 5, 33-54.	0.2	0
24	Hyperglycemia and hyperlipidemia are associated with endothelial dysfunction during the development of type 2 diabetes. Canadian Journal of Physiology and Pharmacology, 2007, 85, 562-567.	0.7	40
25	Enhanced cell cycle entry and mitogen-activated protein kinase-signaling and downregulation of matrix metalloproteinase-1 and -3 in human diabetic arterial vasculature. Atherosclerosis, 2007, 195, e1-e8.	0.4	27
26	Arterialization of a vein graft promotes cell cycle progression through Akt and p38 mitogen-activated protein kinase pathways: Impact of the preparation procedure. Canadian Journal of Cardiology, 2007, 23, 1147-1154.	0.8	9
27	Pharmacologic relaxation of vein grafts is beneficial compared with pressure distention caused by upregulation of endothelial nitric oxide synthase and nitric oxide production. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 925-932.	0.4	6
28	Reduced Expression of Vascular Endothelial Growth Factor Paralleled With the Increased Angiostatin Expression Resulting From the Upregulated Activities of Matrix Metalloproteinase-2 and -9 in Human Type 2 Diabetic Arterial Vasculature. Circulation Research, 2006, 99, 140-148.	2.0	125
29	TRP Proteins. Circulation Research, 2006, 98, 446-447.	2.0	15
30	Human Vascular Smooth Muscle Cells From Diabetic Patients Are Resistant to Induced Apoptosis Due to High Bcl-2 Expression. Diabetes, 2006, 55, 1243-1251.	0.3	42
31	Human vascular smooth muscle cells from diabetic patients are resistant to induced apoptosis due to high Bclâ€2 expression. FASEB Journal, 2006, 20, A661.	0.2	0
32	Compromised Arterial Function in Human Type 2 Diabetic Patients. Diabetes, 2005, 54, 2415-2423.	0.3	136
33	Pressure distention compared with pharmacologic relaxation in vein grafting upregulates matrix metalloproteinase-2 and -9. Journal of Vascular Surgery, 2005, 42, 747-756.	0.6	37
34	Effect of moderate pressure distention on the human saphenous vein vasomotor function. Annals of Thoracic Surgery, 2004, 77, 108-114.	0.7	22
35	Augmented Contractile Response of Vascular Smooth Muscle in a Diabetic Mouse Model. Journal of Vascular Research, 2003, 40, 520-530.	0.6	97
36	In the presence ofL-NAME SERCA blockade induces endothelium-dependent contraction of mouse aorta through activation of smooth muscle prostaglandin H2/thromboxane A2 receptors. British Journal of Pharmacology, 2002, 137, 545-553.	2.7	38

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37	Magnesium Chloride in a Polyethylene Glycol Formulation as a Neuroprotective Therapy for Acute Spinal Cord Injury: Preclinical Refinement and Optimization. Journal of Neurotrauma, 0, , 110306202455053.	1.7	3