

Elena B Okon

List of Publications by Year in descending order

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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	A Systematic Review of Cellular Transplantation Therapies for Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1611-1682.	1.7	490
2	A Systematic Review of Non-Invasive Pharmacologic Neuroprotective Treatments for Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1545-1588.	1.7	218
3	Compromised Arterial Function in Human Type 2 Diabetic Patients. <i>Diabetes</i> , 2005, 54, 2415-2423.	0.3	136
4	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. <i>Circulation Research</i> , 2006, 99, 140-148.	2.0	125
5	A Novel Porcine Model of Traumatic Thoracic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 142-159.	1.7	123
6	A Systematic Review of Directly Applied Biologic Therapies for Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1589-1610.	1.7	104
7	Augmented Contractile Response of Vascular Smooth Muscle in a Diabetic Mouse Model. <i>Journal of Vascular Research</i> , 2003, 40, 520-530.	0.6	97
8	A Grading System To Evaluate Objectively the Strength of Pre-Clinical Data of Acute Neuroprotective Therapies for Clinical Translation in Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1525-1543.	1.7	83
9	Magnesium Chloride in a Polyethylene Glycol Formulation as a Neuroprotective Therapy for Acute Spinal Cord Injury: Preclinical Refinement and Optimization. <i>Journal of Neurotrauma</i> , 2009, 26, 1379-1393.	1.7	64
10	Serum MicroRNAs Reflect Injury Severity in a Large Animal Model of Thoracic Spinal Cord Injury. <i>Scientific Reports</i> , 2017, 7, 1376.	1.6	52
11	Changes in Pressure, Hemodynamics, and Metabolism within the Spinal Cord during the First 7 Days after Injury Using a Porcine Model. <i>Journal of Neurotrauma</i> , 2017, 34, 3336-3350.	1.7	51
12	A Direct Comparison between Norepinephrine and Phenylephrine for Augmenting Spinal Cord Perfusion in a Porcine Model of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1345-1357.	1.7	44
13	Human Vascular Smooth Muscle Cells From Diabetic Patients Are Resistant to Induced Apoptosis Due to High Bcl-2 Expression. <i>Diabetes</i> , 2006, 55, 1243-1251.	0.3	42
14	Hyperglycemia and hyperlipidemia are associated with endothelial dysfunction during the development of type 2 diabetes. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 562-567.	0.7	40
15	In the presence of L-NAME SERCA blockade induces endothelium-dependent contraction of mouse aorta through activation of smooth muscle prostaglandin H2/thromboxane A2 receptors. <i>British Journal of Pharmacology</i> , 2002, 137, 545-553.	2.7	38
16	Pressure distention compared with pharmacologic relaxation in vein grafting upregulates matrix metalloproteinase-2 and -9. <i>Journal of Vascular Surgery</i> , 2005, 42, 747-756.	0.6	37
17	Intraparenchymal Microdialysis after Acute Spinal Cord Injury Reveals Differential Metabolic Responses to Contusive versus Compressive Mechanisms of Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 1564-1576.	1.7	32
18	Diabetes modulates capacitative calcium entry and expression of transient receptor potential canonical channels in human saphenous vein. <i>European Journal of Pharmacology</i> , 2009, 613, 114-118.	1.7	29

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19	Expression of Versican Isoform V3 in the Absence of Ascorbate Improves Elastogenesis in Engineered Vascular Constructs. <i>Tissue Engineering - Part A</i> , 2010, 16, 501-512.	1.6	28
20	Enhanced cell cycle entry and mitogen-activated protein kinase-signaling and downregulation of matrix metalloproteinase-1 and -3 in human diabetic arterial vasculature. <i>Atherosclerosis</i> , 2007, 195, e1-e8.	0.4	27
21	Effect of moderate pressure distention on the human saphenous vein vasomotor function. <i>Annals of Thoracic Surgery</i> , 2004, 77, 108-114.	0.7	22
22	The Evaluation of Magnesium Chloride within a Polyethylene Glycol Formulation in a Porcine Model of Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 2202-2216.	1.7	21
23	Responses of the Acutely Injured Spinal Cord to Vibration that Simulates Transport in Helicopters or Mine-Resistant Ambush-Protected Vehicles. <i>Journal of Neurotrauma</i> , 2016, 33, 2217-2226.	1.7	20
24	Review of the UBC Porcine Model of Traumatic Spinal Cord Injury. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 539-547.	0.5	20
25	The Effect of Whole-Body Resonance Vibration in a Porcine Model of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 908-921.	1.7	19
26	Sensorimotor plasticity after spinal cord injury: a longitudinal and translational study. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 68-82.	1.7	19
27	Cerebrospinal Fluid Pressures Resulting From Experimental Traumatic Spinal Cord Injuries in a Pig Model. <i>Journal of Biomechanical Engineering</i> , 2013, 135, 101005.	0.6	17
28	TRP Proteins. <i>Circulation Research</i> , 2006, 98, 446-447.	2.0	15
29	Proteomic Portraits Reveal Evolutionarily Conserved and Divergent Responses to Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100096.	2.5	14
30	Relationship between Early Vasopressor Administration and Spinal Cord Hemorrhage in a Porcine Model of Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 1696-1707.	1.7	13
31	Arterialization of a vein graft promotes cell cycle progression through Akt and p38 mitogen-activated protein kinase pathways: Impact of the preparation procedure. <i>Canadian Journal of Cardiology</i> , 2007, 23, 1147-1154.	0.8	9
32	Characterization of Lower Urinary Tract Dysfunction after Thoracic Spinal Cord Injury in Yucatan Minipigs. <i>Journal of Neurotrauma</i> , 2021, 38, 1306-1326.	1.7	8
33	Duraplasty in Traumatic Thoracic Spinal Cord Injury: Impact on Spinal Cord Hemodynamics, Tissue Metabolism, Histology, and Behavioral Recovery Using a Porcine Model. <i>Journal of Neurotrauma</i> , 2021, 38, 2937-2955.	1.7	7
34	Pharmacologic relaxation of vein grafts is beneficial compared with pressure distention caused by upregulation of endothelial nitric oxide synthase and nitric oxide production. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 925-932.	0.4	6
35	Magnesium Chloride in a Polyethylene Glycol Formulation as a Neuroprotective Therapy for Acute Spinal Cord Injury: Preclinical Refinement and Optimization. <i>Journal of Neurotrauma</i> , 0, , 110306202455053.	1.7	3
36	Cellular Mechanisms of Bypass Vein Graft Arterialization and Approaches to Attenuate Graft Remodeling. <i>Vascular Disease Prevention</i> , 2008, 5, 33-54.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Human vascular smooth muscle cells from diabetic patients are resistant to induced apoptosis due to high Bcl-2 expression. FASEB Journal, 2006, 20, A661.	0.2	0