

# Rodrigo Mondragon-Lozano

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

325  
citations

1163065

8  
h-index

888047

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of Spinal Cord Transection of Rhesus Monkey Implanted with Polymer Synthesized by Plasma Evaluated by Diffusion Tensor Imaging. <i>Polymers</i> , 2022, 14, 962.	4.5	5
2	( $\alpha$ )-Epicatechin reduces muscle waste after complete spinal cord transection in a murine model: role of ubiquitin-proteasome system. <i>Molecular Biology Reports</i> , 2020, 47, 8975-8985.	2.3	6
3	Recovery of motor function after traumatic spinal cord injury by using plasma-synthesized polypyrrole/iodine application in combination with a mixed rehabilitation scheme. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 58.	3.6	8
4	Electroacupuncture and Curcumin Promote Oxidative Balance and Motor Function Recovery in Rats Following Traumatic Spinal Cord Injury. <i>Neurochemical Research</i> , 2019, 44, 498-506.	3.3	16
5	RHEOLOGICAL BEHAVIOR OF PLASMA POLYMERIZED IODINE-DOPED POLYPYRROLE PARTICLES SUSPENDED IN SOLUTIONS OF BOVINE SERUM ALBUMIN.. <i>Revista Mexicana De Ingeniera Quimica</i> , 2019, 18, 1119-1132.	0.4	1
6	Effect of age on electrical nerve conduction in the somatosensory pathway and its correlation with somatometry and plasma concentrations of musculoskeletal enzymes in male rhesus monkeys ( <i>Macaca mulatta</i> ) held in captivity. <i>Journal of Medical Primatology</i> , 2018, 47, 145-156.	0.6	0
7	Effect of the combined treatment of albumin with plasma synthesised pyrrole polymers on motor recovery after traumatic spinal cord injury in rats. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 13.	3.6	12
8	Delayed injection of polypyrrole doped with iodine particle suspension after spinal cord injury in rats improves functional recovery and decreased tissue damage evaluated by 3.0 Tesla in vivo magnetic resonance imaging. <i>Spine Journal</i> , 2017, 17, 562-573.	1.3	11
9	Dapsone uptake and release from plasma polypyrrole for drug administration. <i>Polymer Bulletin</i> , 2017, 74, 1761-1773.	3.3	3
10	Plasma polypyrrole micro-coatings on metallic stents. <i>Polymer Bulletin</i> , 2017, 74, 1253-1266.	3.3	2
11	Spinogenesis and Plastic Changes in the Dendritic Spines of Spinal Cord Motoneurons After Traumatic Injury in Rats. <i>Archives of Medical Research</i> , 2017, 48, 609-615.	3.3	4
12	Dapsone improves functional deficit and diminishes brain damage evaluated by 3-Tesla magnetic resonance image after transient cerebral ischemia and reperfusion in rats. <i>Brain Research</i> , 2016, 1646, 384-392.	2.2	13
13	Functional recovery in spinal cord injured rats using polypyrrole/iodine implants and treadmill training. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 209.	3.6	28
14	Spinal Cord Injury of Rhesus Monkey Implanted with PPy/I Plasma Polymer, MRI Study. <i>IFMBE Proceedings</i> , 2015, , 174-177.	0.3	2
15	Effect of natural exogenous antioxidants on aging and on neurodegenerative diseases. <i>Free Radical Research</i> , 2013, 47, 451-462.	3.3	82
16	Feasibility of In Vivo Quantitative Magnetic Resonance Imaging With Diffusion Weighted Imaging, T2-Weighted Relaxometry, and Diffusion Tensor Imaging in a Clinical 3 Tesla Magnetic Resonance Scanner for the Acute Traumatic Spinal Cord Injury of Rats. <i>Spine</i> , 2013, 38, E1242-E1249.	2.0	13
17	Plasma polypyrrole implants recover motor function in rats after spinal cord transection. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2583-2592.	3.6	26
18	Tissue spinal cord response in rats after implants of polypyrrole and polyethylene glycol obtained by plasma. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 817-826.	3.6	93

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19	Evaluación electrofisiológica del efecto de tres implantes poliméricos en la función nerviosa en un modelo de lesión por sección completa de la médula espinal en ratas. IFMBE Proceedings, 2007, , 654-658.	0.3	0
20	Procesamiento de Imágenes para la Evaluación de la Integración de Implantes de Polímeros Semiconductores en un Modelo de Lesión Traumática de Médula Espinal. IFMBE Proceedings, 2007, , 386-390.	0.3	0
21	Influencia del campo magnético e implantes de polímero semiconductor sobre la regeneración axonal en un modelo de lesión traumática de médula espinal. IFMBE Proceedings, 2007, , 646-649.	0.3	0