

Iron oxide nanoparticles and magnetic field exposure p
attenuating free radical-induced damage in rats with sp

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Wi-Fi (2.45GHz)- and Mobile Phone (900 and 1800MHz)-Induced Risks on Oxidative Stress and Elements in Kidney and Testis of Rats During Pregnancy and the Development of Offspring. <i>Biological Trace Element Research</i> , 2013, 156, 221-229.	3.5	66
2	Nanoparticulate strategies for the five R ^o ™s of traumatic spinal cord injury intervention: restriction, repair, regeneration, restoration and reorganization. <i>Nanomedicine</i> , 2014, 9, 331-348.	3.3	15
3	Liver antioxidant stores protect the brain from electromagnetic radiation (900 and 1800MHz)-induced oxidative stress in rats during pregnancy and the development of offspring. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 1915-1921.	1.5	31
4	Effects of Prenatal and Postnatal Exposure of Wi-Fi on Development of Teeth and Changes in Teeth Element Concentration in Rats. <i>Biological Trace Element Research</i> , 2015, 163, 193-201.	3.5	10
6	Combination of cold atmospheric plasma and iron nanoparticles in breast cancer: gene expression and apoptosis study. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 5911-5917.	2.0	44
7	Tissue Engineering Approaches to Modulate the Inflammatory Milieu following Spinal Cord Injury. <i>Cells Tissues Organs</i> , 2016, 202, 52-66.	2.3	37
8	Extremely low-frequency electromagnetic fields: A possible non-invasive therapeutic tool for spinal cord injury rehabilitation. <i>Electromagnetic Biology and Medicine</i> , 2017, 36, 1-14.	1.4	12
9	An Injectable Hybrid Hydrogel with Oriented Short Fibers Induces Unidirectional Growth of Functional Nerve Cells. <i>Small</i> , 2017, 13, 1702207.	10.0	147
10	Extremely low frequency magnetic field protects injured spinal cord from the microglia- and iron-induced tissue damage. <i>Electromagnetic Biology and Medicine</i> , 2017, 36, 330-340.	1.4	15
11	Mechanisms of Cellular Effects Directly Induced by Magnetic Nanoparticles under Magnetic Fields. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-13.	2.7	24
12	Neurotrophin-conjugated nanoparticles prevent retina damage induced by oxidative stress. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1255-1267.	5.4	23
13	Magnetic Composite Biomaterials for Neural Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 179.	4.1	26
14	Drug Delivery Applications of Nanoparticles in the Spine. <i>Methods in Molecular Biology</i> , 2020, 2059, 121-143.	0.9	3
15	Effect of Low Intensity Magnetic Field Stimulation on Calcium-Mediated Cytotoxicity After Mild Spinal Cord Contusion Injury in Rats. <i>Annals of Neurosciences</i> , 2020, 27, 49-56.	1.7	4
16	Research advances of biomaterials-based microenvironment-regulation therapies for repair and regeneration of spinal cord injury. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 052002.	3.3	15
17	Therapeutic targets and nanomaterial-based therapies for mitigation of secondary injury after spinal cord injury. <i>Nanomedicine</i> , 2021, 16, 2013-2028.	3.3	5
18	Iron Oxide Nanoparticles in Regenerative Medicine and Tissue Engineering. <i>Nanomaterials</i> , 2021, 11, 2337.	4.1	48
19	Nanobiotechnology in Parkinson ^o ™s Disease. , 2019, , 177-208.		0

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20	Lower Metal Element Levels in Hypertrophic Scars: A Potential Mechanism of Aberrant Cicatrix Hyperplasia. <i>Medical Science Monitor</i> , 2020, 26, e925202.	1.1	0
21	Electromagnetic Field Stimulation Attenuates Phasic Nociception after Complete Spinal Cord Injury in Rats. <i>Brain Sciences</i> , 2021, 11, 1431.	2.3	1
22	Evaluation of the radio-protective role of PEG-Fe ₃ O ₄ NPs on β -irradiated male Wistar rats. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 17, 100620.	2.9	1
23	A reactive oxygen species-responsive hydrogel encapsulated with bone marrow derived stem cells promotes repair and regeneration of spinal cord injury. <i>Bioactive Materials</i> , 2023, 19, 550-568.	15.6	36
24	Therapeutic Potential of Low-Intensity Magnetic Field Stimulation in 6-Hydroxydopamine Rat Model of Parkinson's Disease: From Inflammation to Motor Function. <i>Annals of Neurosciences</i> , 2023, 30, 11-19.	1.7	0
25	Exploring the Physicochemical, Electroactive, and Biodelivery Properties of Metal Nanoparticles on Peripheral Nerve Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 106-138.	5.2	23
26	Electromagnetic field stimulation facilitates motor neuron excitability, myogenesis and muscle contractility in spinal cord transected rats. <i>Journal of Biosciences</i> , 2022, 47, .	1.1	0
27	Recent advances in nanomaterials for the treatment of spinal cord injury. <i>Materials Today Bio</i> , 2023, 18, 100524.	5.5	7
28	Magnetic Nanomaterials Mediate Electromagnetic Stimulations of Nerves for Applications in Stem Cell and Cancer Treatments. <i>Journal of Functional Biomaterials</i> , 2023, 14, 58.	4.4	2