

# Xiaofeng Jia

## List of Publications by Year in descending order

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143  
papers

5,555  
citations

117571

34  
h-index

85498

71  
g-index

148  
all docs

148  
docs citations

148  
times ranked

7815  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Inhibition of TGF- $\beta$ 2 signaling in mesenchymal stem cells of subchondral bone attenuates osteoarthritis. <i>Nature Medicine</i> , 2013, 19, 704-712.                             | 15.2 | 780       |
| 2  | Three-dimensional (3D) printed scaffold and material selection for bone repair. <i>Acta Biomaterialia</i> , 2019, 84, 16-33.  | 4.1  | 547       |
| 3  | Matrix IGF-1 maintains bone mass by activation of mTOR in mesenchymal stem cells. <i>Nature Medicine</i> , 2012, 18, 1095-1101.   | 15.2 | 498       |
| 4  | 3D Printed Anatomical Nerve Regeneration Pathways. <i>Advanced Functional Materials</i> , 2015, 25, 6205-6217.  | 7.8  | 228       |
| 5  | Heparin-Poloxamer Thermosensitive Hydrogel Loaded with bFGF and NGF Enhances Peripheral Nerve Regeneration in Diabetic Rats. <i>Biomaterials</i> , 2018, 168, 24-37.                    | 5.7  | 185       |
| 6  | Improving neurological outcomes post-cardiac arrest in a rat model: Immediate hypothermia and quantitative EEG monitoring. <i>Resuscitation</i> , 2008, 76, 431-442.                    | 1.3  | 161       |
| 7  | Engineering anatomically shaped vascularized bone grafts with hASCs and 3D-printed PCL scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, n/a-n/a.        | 2.1  | 153       |
| 8  | Stem Cell Transplantation for Peripheral Nerve Regeneration: Current Options and Opportunities. <i>International Journal of Molecular Sciences</i> , 2017, 18, 94.                      | 1.8  | 143       |
| 9  | Injury-Activated Transforming Growth Factor $\beta$ 2 Controls Mobilization of Mesenchymal Stem Cells for Tissue Remodeling. <i>Stem Cells</i> , 2012, 30, 2498-2511.                   | 1.4  | 129       |
| 10 | Management of Brain Injury After Resuscitation From Cardiac Arrest. <i>Neurologic Clinics</i> , 2008, 26, 487-506.  | 0.8  | 119       |
| 11 | Exosomes and Their MicroRNA Cargo: New Players in Peripheral Nerve Regeneration. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 765-776.                                      | 1.4  | 117       |
| 12 | Optimal electrical stimulation boosts stem cell therapy in nerve regeneration. <i>Biomaterials</i> , 2018, 181, 347-359.  | 5.7  | 107       |
| 13 | Biomimetic neural scaffolds: a crucial step towards optimal peripheral nerve regeneration. <i>Biomaterials Science</i> , 2018, 6, 1299-1311.  | 2.6  | 100       |
| 14 | Quantitative EEG and neurological recovery with therapeutic hypothermia after asphyxial cardiac arrest in rats. <i>Brain Research</i> , 2006, 1111, 166-175.                            | 1.1  | 97        |
| 15 | Early electrophysiologic markers predict functional outcome associated with temperature manipulation after cardiac arrest in rats. <i>Critical Care Medicine</i> , 2008, 36, 1909-1916. | 0.4  | 91        |
| 16 | Advances and Future Applications of Augmented Peripheral Nerve Regeneration. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1494.                                       | 1.8  | 80        |
| 17 | Critical Care of Traumatic Spinal Cord Injury. <i>Journal of Intensive Care Medicine</i> , 2013, 28, 12-23.   | 1.3  | 78        |
| 18 | Novel multi-drug delivery hydrogel using scar-homing liposomes improves spinal cord injury repair. <i>Theranostics</i> , 2018, 8, 4429-4446.  | 4.6  | 68        |

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|----|--|-----|-----------|
| 19 | Contrast-enhanced imaging of cerebral vasculature with laser speckle. <i>Applied Optics</i> , 2007, 46, 5340.  | 2.1 | 64        |
| 20 | Glucose metabolic crosstalk and regulation in brain function and diseases. <i>Progress in Neurobiology</i> , 2021, 204, 102089.  | 2.8 | 64        |
| 21 | High spatiotemporal resolution imaging of the neurovascular response to electrical stimulation of rat peripheral trigeminal nerve as revealed by in vivo temporal laser speckle contrast. <i>Journal of Neuroscience Methods</i> , 2009, 176, 230-236. | 1.3 | 63        |
| 22 | Residual Motor Signal in Long-Term Human Severed Peripheral Nerves and Feasibility of Neural Signal-Controlled Artificial Limb. <i>Journal of Hand Surgery</i> , 2007, 32, 657-666.  | 0.7 | 62        |
| 23 | The Temporal Pattern, Flux, and Function of Autophagy in Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 466.   | 1.8 | 54        |
| 24 | Quantitative EEG and Effect of Hypothermia on Brain Recovery After Cardiac Arrest. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1016-1023.   | 2.5 | 53        |
| 25 | Pretreatment with low-dose fimasartan ameliorates NLRP3 inflammasome-mediated neuroinflammation and brain injury after intracerebral hemorrhage. <i>Experimental Neurology</i> , 2018, 310, 22-32.   | 2.0 | 46        |
| 26 | Optimizing Stem Cell Therapy after Ischemic Brain Injury. <i>Journal of Stroke</i> , 2020, 22, 286-305.  | 1.4 | 46        |
| 27 | Multiscale Entropy Analysis of EEG for Assessment of Post-Cardiac Arrest Neurological Recovery Under Hypothermia in Rats. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 1023-1031.  | 2.5 | 45        |
| 28 | Cardiac arrest triggers hippocampal neuronal death through autophagic and apoptotic pathways. <i>Scientific Reports</i> , 2016, 6, 27642.  | 1.6 | 45        |
| 29 | An Analysis of Shoulder Laxity in Patients Undergoing Shoulder Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 2144-2150.   | 1.4 | 40        |
| 30 | Inhibition of Endoplasmic Reticulum Stress Preserves the Integrity of Blood-Spinal Cord Barrier in Diabetic Rats Subjected to Spinal Cord Injury. <i>Scientific Reports</i> , 2017, 7, 7661.   | 1.6 | 39        |
| 31 | Examination of the Shoulder: The Past, the Present, and the Future. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 10-18.   | 1.4 | 38        |
| 32 | Quantitative assessment of somatosensory-evoked potentials after cardiac arrest in rats: Prognostication of functional outcomes*. <i>Critical Care Medicine</i> , 2010, 38, 1709-1717.   | 0.4 | 38        |
| 33 | Flexible Charge Balanced Stimulator With 5.6 fC Accuracy for 140 nC Injections. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2013, 7, 266-275.  | 2.7 | 36        |
| 34 | Application of Tsallis Entropy to EEG: Quantifying the Presence of Burst Suppression After Asphyxial Cardiac Arrest in Rats. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 867-874.   | 2.5 | 35        |
| 35 | Quantifying Time-Varying Multiunit Neural Activity Using Entropy-Based Measures. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 2771-2777.   | 2.5 | 35        |
| 36 | Establishing a reliable gait evaluation method for rodent studies. <i>Journal of Neuroscience Methods</i> , 2017, 283, 92-100.   | 1.3 | 33        |

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|----|--|-----|-----------|
| 37 | Post-cardiac arrest temperature manipulation alters early EEG bursting in rats. <i>Resuscitation</i> , 2008, 78, 367-373.  | 1.3 | 32        |
| 38 | Clinical and diagnostic tests for shoulder disorders: a critical review. <i>British Journal of Sports Medicine</i> , 2010, 44, 328-332.  | 3.1 | 31        |
| 39 | Clinical Evaluation of the Shoulder Shrug Sign. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 2813-2819.  | 0.7 | 28        |
| 40 | Reproducibility and Reliability of the Snyder Classification of Superior Labral Anterior Posterior Lesions Among Shoulder Surgeons. <i>American Journal of Sports Medicine</i> , 2011, 39, 986-991.                                | 1.9 | 28        |
| 41 | Increased electroencephalographic gamma activity reveals awakening from isoflurane anaesthesia in rats. <i>British Journal of Anaesthesia</i> , 2012, 109, 782-789.  | 1.5 | 28        |
| 42 | Hypothermia Amplifies Somatosensory-evoked Potentials in Uninjured Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 197-202.   | 0.6 | 28        |
| 43 | Increased risk of herpes zoster in patients with psoriasis: A population-based retrospective cohort study. <i>PLoS ONE</i> , 2017, 12, e0179447.   | 1.1 | 28        |
| 44 | Intrathecal injection of bone marrow stromal cells attenuates neuropathic pain via inhibition of P2X4R in spinal cord microglia. <i>Journal of Neuroinflammation</i> , 2019, 16, 271.  | 3.1 | 28        |
| 45 | Sustained released of bioactive mesenchymal stromal cell-derived extracellular vesicles from 3D-printed gelatin methacrylate hydrogels. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1190-1198.           | 2.1 | 26        |
| 46 | Designing Tyrosine-Derived Polycarbonate Polymers for Biodegradable Regenerative Type Neural Interface Capable of Neural Recording. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2011, 19, 204-212. | 2.7 | 25        |
| 47 | Critical roles of sphingosine kinase 1 in the regulation of neuroinflammation and neuronal injury after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 50.  | 3.1 | 24        |
| 48 | Tumor Necrosis Factor Improves Vascularization in Osteogenic Grafts Engineered with Human Adipose-Derived Stem/Stromal Cells. <i>PLoS ONE</i> , 2014, 9, e107199.  | 1.1 | 24        |
| 49 | Evolution of somatosensory evoked potentials after cardiac arrest induced hypoxic-ischemic injury. <i>Resuscitation</i> , 2010, 81, 893-897.   | 1.3 | 23        |
| 50 | Overexpression of DRAM enhances p53-dependent apoptosis. <i>Cancer Medicine</i> , 2013, 2, 1-10.   | 1.3 | 23        |
| 51 | Short- and long-latency somatosensory neuronal responses reveal selective brain injury and effect of hypothermia in global hypoxic ischemia. <i>Journal of Neurophysiology</i> , 2012, 107, 1164-1171.                             | 0.9 | 22        |
| 52 | Positron Emission Tomography After Ischemic Brain Injury: Current Challenges and Future Developments. <i>Translational Stroke Research</i> , 2020, 11, 628-642.  | 2.3 | 22        |
| 53 | Real-time quantitative monitoring of cerebral blood flow by laser speckle contrast imaging after cardiac arrest with targeted temperature management. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1161-1171.  | 2.4 | 21        |
| 54 | Early prognostication markers in cardiac arrest patients treated with hypothermia. <i>European Journal of Neurology</i> , 2016, 23, 476-488.   | 1.7 | 20        |

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|----|---|-----|-----------|
| 55 | Augmenting Peripheral Nerve Regeneration with Adipose-Derived Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 544-558.   | 1.7 | 20        |
| 56 | Quantitative Multimodal Evaluation of Passaging Human Neural Crest Stem Cells for Peripheral Nerve Regeneration. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 92-100.                           | 5.6 | 19        |
| 57 | Somatosensory Evoked Potentials and Neuroprognostication After Cardiac Arrest. <i>Neurocritical Care</i> , 2020, 32, 847-857.   | 1.2 | 19        |
| 58 | New era of optogenetics: from the central to peripheral nervous system. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020, 55, 1-16.   | 2.3 | 19        |
| 59 | A Subband-Based Information Measure of EEG During Brain Injury and Recovery After Cardiac Arrest. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 1985-1990.                         | 2.5 | 18        |
| 60 | Early Quantitative Gamma-Band EEG Marker is Associated with Outcomes After Cardiac Arrest and Targeted Temperature Management. <i>Neurocritical Care</i> , 2015, 23, 262-273.                       | 1.2 | 17        |
| 61 | Meta-analysis of the association between alcohol consumption and abdominal aortic aneurysm. <i>British Journal of Surgery</i> , 2017, 104, 1756-1764.   | 0.1 | 16        |
| 62 | Brain Monitoring in Critically Neurologically Impaired Patients. <i>International Journal of Molecular Sciences</i> , 2017, 18, 43.   | 1.8 | 16        |
| 63 | Trehalose Augments Neuron Survival and Improves Recovery from Spinal Cord Injury via mTOR-Independent Activation of Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18. | 1.9 | 16        |
| 64 | 3D printed nerve guidance channels: computer-aided control of geometry, physical cues, biological supplements and gradients. <i>Neural Regeneration Research</i> , 2016, 11, 1568.                  | 1.6 | 16        |
| 65 | Clinical and Imaging Assessment for Superior Labrum Anterior and Posterior Lesions. <i>Current Sports Medicine Reports</i> , 2009, 8, 234-239.  | 0.5 | 15        |
| 66 | Study of the origin of short- and long-latency SSEP during recovery from brain ischemia in a rat model. <i>Neuroscience Letters</i> , 2010, 485, 157-161.   | 1.0 | 15        |
| 67 | Time jitter of somatosensory evoked potentials in recovery from hypoxic-ischemic brain injury. <i>Journal of Neuroscience Methods</i> , 2011, 201, 355-360.   | 1.3 | 15        |
| 68 | Engineering nerve guidance conduits with three-dimensional bioprinting technology for long gap peripheral nerve regeneration. <i>Neural Regeneration Research</i> , 2019, 14, 2073.                 | 1.6 | 14        |
| 69 | Identification of sensory and motor nerve fascicles by immunofluorescence staining after peripheral nerve injury. <i>Journal of Translational Medicine</i> , 2021, 19, 207.                         | 1.8 | 13        |
| 70 | The Use of Platelet-Rich Plasma in the Management of Foot and Ankle Conditions. <i>Operative Techniques in Sports Medicine</i> , 2011, 19, 177-184.   | 0.2 | 12        |
| 71 | Therapeutic effects of peripherally administrated neural crest stem cells on pain and spinal cord changes after sciatic nerve transection. <i>Stem Cell Research and Therapy</i> , 2021, 12, 180.   | 2.4 | 12        |
| 72 | Intraventricular orexin-A improves arousal and early EEG entropy in rats after cardiac arrest. <i>Brain Research</i> , 2009, 1255, 153-161.   | 1.1 | 11        |

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|----|--|-----|-----------|
| 73 | Diagnostic Errors in Orthopedic Surgery. American Journal of Medical Quality, 2013, 28, 60-68.   | 0.2 | 11        |
| 74 | Peripheral Nerve Regeneration: Mechanism, Cell Biology, and Therapies. BioMed Research International, 2014, 2014, 1-2.   | 0.9 | 11        |
| 75 | Identification of Differentially Expressed Genes and Key Pathways in the Dorsal Root Ganglion After Chronic Compression. Frontiers in Molecular Neuroscience, 2020, 13, 71.                                  | 1.4 | 11        |
| 76 | Intracerebroventricular Administration of hNSCs Improves Neurological Recovery after Cardiac Arrest in Rats. Stem Cell Reviews and Reports, 2021, 17, 923-937.   | 1.7 | 11        |
| 77 | Glycoengineering Human Neural and Adipose Stem Cells with Novel Thiol-Modified N-Acetylmannosamine (ManNAc) Analogs. Cells, 2021, 10, 377.   | 1.8 | 11        |
| 78 | Quantitative EEG Assessment of Brain Injury and Hypothermic Neuroprotection after Cardiac Arrest. , 2006, 2006, 6229-32.   |     | 10        |
| 79 | CXCR7 Silencing Attenuates Cell Adaptive Response to Stromal Cell Derived Factor 1 $\alpha$ after Hypoxia. PLoS ONE, 2013, 8, e55290.  | 1.1 | 10        |
| 80 | Assessing the level of evidence in the orthopaedic literature, 2013â€“2018: a review of 3449 articles in leading orthopaedic journals. Patient Safety in Surgery, 2020, 14, 23.                              | 1.1 | 10        |
| 81 | Improved long-term recording of nerve signal by modified intrafascicular electrodes in rabbits. Microsurgery, 2008, 28, 173-178.   | 0.6 | 9         |
| 82 | EEG-based detection of awakening from isoflurane anesthesia in rats. , 2012, 2012, 4279-82.  |     | 9         |
| 83 | Real-time monitoring of cerebral blood flow by laser speckle contrast imaging after cardiac arrest in rat. , 2015, 2015, 6971-4.   |     | 9         |
| 84 | Electrophysiological Monitoring of Brain Injury and Recovery after Cardiac Arrest. International Journal of Molecular Sciences, 2015, 16, 25999-26018.   | 1.8 | 8         |
| 85 | Laser speckle imaging reveals multiple aspects of cerebral vascular responses to whole body mild hypothermia in rats. , 2011, 2011, 2049-52.   |     | 7         |
| 86 | Evaluation of Neonatal Brain Development Using Acoustic Radiation Force Impulse Imaging (ARFI). Neurophysiology, 2015, 47, 322-325.  | 0.2 | 7         |
| 87 | Translational Medicine: Creating the Crucial Bidirectional Bridge between Bench and Bedside. International Journal of Molecular Sciences, 2016, 17, 1918.  | 1.8 | 7         |
| 88 | Hypothalamic or Extrahypothalamic Modulation and Targeted Temperature Management After Brain Injury. Therapeutic Hypothermia and Temperature Management, 2017, 7, 125-133.                                   | 0.3 | 7         |
| 89 | Modification of pore-wall in direct ink writing wollastonite scaffolds favorable for tuning biodegradation and mechanical stability and enhancing osteogenic capability. FASEB Journal, 2020, 34, 5673-5687. | 0.2 | 7         |
| 90 | 763: INTRACEREBROVENTRICULAR DELIVERY OF HNSCS IMPROVES NEUROLOGIC OUTCOMES AFTER CARDIAC ARREST. Critical Care Medicine, 2020, 48, 362-362.   | 0.4 | 7         |

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|-----|--|-----|-----------|
| 91  | Does a Positive Neer Impingement Sign Reflect Rotator Cuff Contact with the Acromion?. Clinical Orthopaedics and Related Research, 2011, 469, 813-818.   | 0.7 | 6         |
| 92  | Assessing Thalamocortical Functional Connectivity With Granger Causality. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 725-733.   | 2.7 | 6         |
| 93  | Intracerebroventricular Administration of Neural Stem Cells after Cardiac Arrest. , 2019, 2019, 4213-4216.   |     | 6         |
| 94  | Long-term feasibility and biocompatibility of directly microsurgically implanted intrafascicular electrodes in free roaming rabbits. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 435-444. | 1.6 | 6         |
| 95  | The Hua-Shan rehabilitation program after contralateral seventh cervical nerve transfer for spastic arm paralysis. Disability and Rehabilitation, 2022, 44, 404-411.   | 0.9 | 6         |
| 96  | Targeted temperature management and early neuro-prognostication after cardiac arrest. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1193-1209.  | 2.4 | 6         |
| 97  | Glycoengineering human neural stem cells (hNSCs) for adhesion improvement using a novel thiol-modified N-acetylmannosamine (ManNAc) analog. Materials Science and Engineering C, 2022, 134, 112675.                              | 3.8 | 6         |
| 98  | Predict the neurological recovery under hypothermia after cardiac arrest using CO complexity measure of EEG signals. , 2008, 2008, 2133-6.   |     | 5         |
| 99  | Neural signals in cortex and thalamus during brain injury from cardiac arrest in rats. , 2009, 2009, 5946-9.   |     | 5         |
| 100 | Intraarticular Abnormalities in Overhead Athletes Are Variable. Clinical Orthopaedics and Related Research, 2012, 470, 1552-1557.  | 0.7 | 5         |
| 101 | Quantitative EEG markers in severe post-resuscitation brain injury with therapeutic hypothermia. , 2015, 2015, 6598-601.   |     | 5         |
| 102 | Multimodal quantitative analysis of somatosensory evoked potentials after cardiac arrest with graded hypothermia. , 2016, 2016, 1846-1849.   |     | 5         |
| 103 | Neuroprotection of Glibenclamide against Brain Injury after Cardiac Arrest via Modulation of NLRP3 Inflammasome. , 2019, 2019, 4209-4212.  |     | 5         |
| 104 | Dihydrocapsaicin-induced hypothermia after asphyxia cardiac arrest in rats. , 2016, 2016, 1858-1861.   |     | 4         |
| 105 | The effect of Glibenclamide on somatosensory evoked potentials after cardiac arrest in rats. Neurocritical Care, 2022, 36, 612-620.  | 1.2 | 4         |
| 106 | Macrophage Activation in the Dorsal Root Ganglion in Rats Developing Autotomy after Peripheral Nerve Injury. International Journal of Molecular Sciences, 2021, 22, 12801.   | 1.8 | 4         |
| 107 | Long-term assessment of post-cardiac-arrest neurological outcomes with somatosensory evoked potential in rats. , 2009, 2009, 2196-9.   |     | 3         |
| 108 | Exploring high-frequency oscillation as a marker of brain ischemia using S-transform. , 2010, 2010, 6099-102.  |     | 3         |

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|-----|---|-----|-----------|
| 109 | Developing and Evaluating a Flexible Wireless Microcoil Array Based Integrated Interface for Epidural Cortical Stimulation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 335.   | 1.8 | 3         |
| 110 | Dysfunctional muscle activities and co-contraction in the lower-limb of lumbar disc herniation patients during walking. <i>Scientific Reports</i> , 2020, 10, 20432.  | 1.6 | 3         |
| 111 | Microvascular Replantation of Totally Avulsed Scalps. <i>Journal of Craniofacial Surgery</i> , 2020, 31, e185-e189.   | 0.3 | 3         |
| 112 | Multiresolution entropy measure for neuronal multiunit activity. , 2009, 2009, 4715-8.  |     | 2         |
| 113 | Features of burst-suppression EEG after asphyxial cardiac arrest in rats. , 2009, , .   |     | 2         |
| 114 | Burst Suppression EEG during Hypothermia and Rapid Rewarming in Isoflurane-Anesthetized Rats. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , . | 0.0 | 2         |
| 115 | Statistical model applied to motor evoked potentials analysis. , 2011, 2011, 2001-4.  |     | 2         |
| 116 | Epidermal Stem Cells in Orthopaedic Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11626-11642.  | 1.8 | 2         |
| 117 | Effect of hypothermia on cortical and thalamic signals in anesthetized rats. , 2013, 2013, 6317-20.   |     | 2         |
| 118 | Is Neurologic Prognostication After Hypothermia Ready for Primetime?*. <i>Critical Care Medicine</i> , 2014, 42, 2644-2645.   | 0.4 | 2         |
| 119 | Real time cerebral blood flow monitoring by laser speckle contrast imaging after cardiac arrest with targeted temperature management. <i>Annals of Physical and Rehabilitation Medicine</i> , 2018, 61, e425.   | 1.1 | 2         |
| 120 | Effects of Hydrogel-Fiber on Cystic Cavity after Spinal Cord Injury. , 2019, 2019, 1070-1073.   |     | 2         |
| 121 | Simple Grading for Motor Function in Spastic Arm Paralysis: Hua-Shan Grading of Upper Extremity. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2140-2147.   | 0.7 | 2         |
| 122 | The predisposing factors of AKI for prophylactic strategies in burn care. <i>PeerJ</i> , 2020, 8, e9984.  | 0.9 | 2         |
| 123 | Information theoretical assessment of neural spiking activity with temperature modulation. , 2009, 2009, 4990-33.   |     | 1         |
| 124 | Scaling exponents of EEG are related to the temporal process of the therapeutic hypothermia following ischemic brain injury. , 2009, 2009, 2192-5.  |     | 1         |
| 125 | Causal interactions between thalamic and cortical LFPs following hypoxic-ischemic brain injury. , 2011, , .   |     | 1         |
| 126 | Effect of hypothermia on the thalamocortical function in the rat model. , 2012, 2012, 4680-3.   |     | 1         |



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|-----|---|-----|-----------|
| 127 | Temperature modulates the neuronal response in the thalamus and the cortex in rats. Journal of the Neurological Sciences, 2013, 333, e283-e284.   | 0.3 | 1         |
| 128 | Band specific changes in thalamocortical synchrony in field potentials after Cardiac Arrest induced global hypoxia. , 2013, 2013, 7112-5.   |     | 1         |
| 129 | Oxidation and RGD Modification Affect the Early Neural Differentiation of Murine Embryonic Stem Cells Cultured in Core-Shell Alginate Hydrogel Microcapsules. Cells Tissues Organs, 2022, 211, 294-303. | 1.3 | 1         |
| 130 | Pharmacological induced target temperature management after cardiac arrest: the capsaicinoids. Neural Regeneration Research, 2017, 12, 1623.  | 1.6 | 1         |
| 131 | 784: Metabolic Glycoengineered Human Neural Stem Cells for Brain Recovery After Cardiac Arrest. Critical Care Medicine, 2021, 49, 784-784.  | 0.4 | 1         |
| 132 | A Direct Comparison of Physical Versus Dihydrocapsaicin-Induced Hypothermia in a Rat Model of Traumatic Spinal Cord Injury. Therapeutic Hypothermia and Temperature Management, 2022, 12, 90-102.       | 0.3 | 1         |
| 133 | 185. Critical Care Medicine, 2013, 41, A41.   | 0.4 | 0         |
| 134 | 164. Critical Care Medicine, 2015, 43, 42.  | 0.4 | 0         |
| 135 | Early quantitative somatosensory evoked potentials are associated with neurological outcomes after cardiac arrest and therapeutic hypothermia. Journal of the Neurological Sciences, 2015, 357, e326.   | 0.3 | 0         |
| 136 | 1462: NEUROPROTECTION OF INTRANASAL HNSCS AND GLIBENCLAMIDE AGAINST BRAIN INJURY AFTER CARDIAC ARREST. Critical Care Medicine, 2020, 48, 707-707.   | 0.4 | 0         |
| 137 | 553. Critical Care Medicine, 2012, 40, 1-328.   | 0.4 | 0         |
| 138 | 194. Critical Care Medicine, 2012, 40, 1-328.   | 0.4 | 0         |
| 139 | Abstract TP87: Early Quantitative Somatosensory Evoked Potentials Markers after Cardiac Arrest. Stroke, 2017, 48, .   | 1.0 | 0         |
| 140 | Translational Critical Care Medicine: Integrating State-of-the-Art Knowledge between Bench and Bedside. Journal of Translational Critical Care Medicine, 2019, 1, 2.                                    | 0.0 | 0         |
| 141 | 7: HNSC Therapy Is More Neuroprotective Than Glibenclamide After Cardiac Arrest via Immunomodulation. Critical Care Medicine, 2021, 49, 4-4.  | 0.4 | 0         |
| 142 | Are We Still Withdrawing Too Soon?â€”Predictors of Late Awakening After Cardiac Arrest*. Critical Care Medicine, 2022, 50, 338-340.   | 0.4 | 0         |
| 143 | Quantitative EEG Assessment of Brain Injury and Hypothermic Neuroprotection after Cardiac Arrest. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .    | 0.5 | 0         |