

Xiaofeng Jia

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

5,555
citations

117453

34
h-index

85405

71
g-index

148
all docs

148
docs citations

148
times ranked

7815
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hua-Shan rehabilitation program after contralateral seventh cervical nerve transfer for spastic arm paralysis. <i>Disability and Rehabilitation</i> , 2022, 44, 404-411.	0.9	6
2	Oxidation and RGD Modification Affect the Early Neural Differentiation of Murine Embryonic Stem Cells Cultured in Core-Shell Alginate Hydrogel Microcapsules. <i>Cells Tissues Organs</i> , 2022, 211, 294-303.	1.3	1
3	Augmenting Peripheral Nerve Regeneration with Adipose-Derived Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 544-558.	1.7	20
4	The effect of Glibenclamide on somatosensory evoked potentials after cardiac arrest in rats. <i>Neurocritical Care</i> , 2022, 36, 612-620.	1.2	4
5	Glycoengineering human neural stem cells (hNSCs) for adhesion improvement using a novel thiol-modified N-acetylmannosamine (ManNAc) analog. <i>Materials Science and Engineering C</i> , 2022, 134, 112675.	3.8	6
6	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
7	Are We Still Withdrawing Too Soon? Predictors of Late Awakening After Cardiac Arrest*. <i>Critical Care Medicine</i> , 2022, 50, 338-340.	0.4	0
8	A Direct Comparison of Physical Versus Dihydrocapsaicin-Induced Hypothermia in a Rat Model of Traumatic Spinal Cord Injury. <i>Therapeutic Hypothermia and Temperature Management</i> , 2022, 12, 90-102.	0.3	1
9	Intracerebroventricular Administration of hNSCs Improves Neurological Recovery after Cardiac Arrest in Rats. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 923-937.	1.7	11
10	Glycoengineering Human Neural and Adipose Stem Cells with Novel Thiol-Modified N-Acetylmannosamine (ManNAc) Analogs. <i>Cells</i> , 2021, 10, 377.	1.8	11
11	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
12	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
13	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
14	Glucose metabolic crosstalk and regulation in brain function and diseases. <i>Progress in Neurobiology</i> , 2021, 204, 102089.	2.8	64
15	Targeted temperature management and early neuro-prognostication after cardiac arrest. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1193-1209.	2.4	6
16	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
17	7: HNSC Therapy Is More Neuroprotective Than Glibenclamide After Cardiac Arrest via Immunomodulation. <i>Critical Care Medicine</i> , 2021, 49, 4-4.	0.4	0
18	784: Metabolic Glycoengineered Human Neural Stem Cells for Brain Recovery After Cardiac Arrest. <i>Critical Care Medicine</i> , 2021, 49, 784-784.	0.4	1

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19	Macrophage Activation in the Dorsal Root Ganglion in Rats Developing Autotomy after Peripheral Nerve Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12801.	1.8	4
20	Somatosensory Evoked Potentials and Neuroprognostication After Cardiac Arrest. <i>Neurocritical Care</i> , 2020, 32, 847-857.	1.2	19
21	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
22	Identification of Differentially Expressed Genes and Key Pathways in the Dorsal Root Ganglion After Chronic Compression. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 71.	1.4	11
23	Microvascular Replantation of Totally Avulsed Scalps. <i>Journal of Craniofacial Surgery</i> , 2020, 31, e185-e189.	0.3	3
24	Assessing the level of evidence in the orthopaedic literature, 2013–2018: a review of 3449 articles in leading orthopaedic journals. <i>Patient Safety in Surgery</i> , 2020, 14, 23.	1.1	10
25	Modification of pore wall in direct ink writing wollastonite scaffolds favorable for tuning biodegradation and mechanical stability and enhancing osteogenic capability. <i>FASEB Journal</i> , 2020, 34, 5673-5687.	0.2	7
26	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
27	Positron Emission Tomography After Ischemic Brain Injury: Current Challenges and Future Developments. <i>Translational Stroke Research</i> , 2020, 11, 628-642.	2.3	22
28	1462: NEUROPROTECTION OF INTRANASAL HNSCS AND GLIBENCLAMIDE AGAINST BRAIN INJURY AFTER CARDIAC ARREST. <i>Critical Care Medicine</i> , 2020, 48, 707-707.	0.4	0
29	Optimizing Stem Cell Therapy after Ischemic Brain Injury. <i>Journal of Stroke</i> , 2020, 22, 286-305.	1.4	46
30	763: INTRACEREBROVENTRICULAR DELIVERY OF HNSCS IMPROVES NEUROLOGIC OUTCOMES AFTER CARDIAC ARREST. <i>Critical Care Medicine</i> , 2020, 48, 362-362.	0.4	7
31	The predisposing factors of AKI for prophylactic strategies in burn care. <i>PeerJ</i> , 2020, 8, e9984.	0.9	2
32	Effects of Hydrogel-Fiber on Cystic Cavity after Spinal Cord Injury. , 2019, 2019, 1070-1073.		2
33	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
34	Neuroprotection of Glibenclamide against Brain Injury after Cardiac Arrest via Modulation of NLRP3 Inflammasome. , 2019, 2019, 4209-4212.		5
35	Intracerebroventricular Administration of Neural Stem Cells after Cardiac Arrest. , 2019, 2019, 4213-4216.		6
36	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

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37	Three-dimensional (3D) printed scaffold and material selection for bone repair. <i>Acta Biomaterialia</i> , 2019, 84, 16-33.	4.1	547
38	Long-term feasibility and biocompatibility of directly microsurgically implanted intrafascicular electrodes in free roaming rabbits. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 435-444.	1.6	6
39	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
40	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
41	Translational Critical Care Medicine: Integrating State-of-the-Art Knowledge between Bench and Bedside. <i>Journal of Translational Critical Care Medicine</i> , 2019, 1, 2.	0.0	0
42	Biomimetic neural scaffolds: a crucial step towards optimal peripheral nerve regeneration. <i>Biomaterials Science</i> , 2018, 6, 1299-1311.	2.6	100
43	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
44	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
45	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
46	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
47	Exosomes and Their MicroRNA Cargo: New Players in Peripheral Nerve Regeneration. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 765-776.	1.4	117
48	Optimal electrical stimulation boosts stem cell therapy in nerve regeneration. <i>Biomaterials</i> , 2018, 181, 347-359.	5.7	107
49	Novel multi-drug delivery hydrogel using scar-homing liposomes improves spinal cord injury repair. <i>Theranostics</i> , 2018, 8, 4429-4446.	4.6	68
50	Establishing a reliable gait evaluation method for rodent studies. <i>Journal of Neuroscience Methods</i> , 2017, 283, 92-100.	1.3	33
51	Hypothalamic or Extrahypothalamic Modulation and Targeted Temperature Management After Brain Injury. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 125-133.	0.3	7
52	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
53	Brain Monitoring in Critically Neurologically Impaired Patients. <i>International Journal of Molecular Sciences</i> , 2017, 18, 43.	1.8	16
54	Stem Cell Transplantation for Peripheral Nerve Regeneration: Current Options and Opportunities. <i>International Journal of Molecular Sciences</i> , 2017, 18, 94.	1.8	143

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55	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
56	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
57	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
58	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
59	Pharmacological induced target temperature management after cardiac arrest: the capsaicinoids. <i>Neural Regeneration Research</i> , 2017, 12, 1623.	1.6	1
60	Abstract TP87: Early Quantitative Somatosensory Evoked Potentials Markers after Cardiac Arrest. <i>Stroke</i> , 2017, 48, .	1.0	0
61	Advances and Future Applications of Augmented Peripheral Nerve Regeneration. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1494.	1.8	80
62	Translational Medicine: Creating the Crucial Bidirectional Bridge between Bench and Bedside. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1918.	1.8	7
63	Early prognostication markers in cardiac arrest patients treated with hypothermia. <i>European Journal of Neurology</i> , 2016, 23, 476-488.	1.7	20
64	Dihydrocapsaicin-induced hypothermia after asphyxia cardiac arrest in rats. , 2016, 2016, 1858-1861.		4
65	Multimodel quantitative analysis of somatosensory evoked potentials after cardiac arrest with graded hypothermia. , 2016, 2016, 1846-1849.		5
66	Cardiac arrest triggers hippocampal neuronal death through autophagic and apoptotic pathways. <i>Scientific Reports</i> , 2016, 6, 27642.	1.6	45
67	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
68	Quantitative EEG markers in severe post-resuscitation brain injury with therapeutic hypothermia. , 2015, 2015, 6598-601.		5
69	Evaluation of Neonatal Brain Development Using Acoustic Radiation Force Impulse Imaging (ARFI). <i>Neurophysiology</i> , 2015, 47, 322-325.	0.2	7
70	3D Printed Anatomical Nerve Regeneration Pathways. <i>Advanced Functional Materials</i> , 2015, 25, 6205-6217.	7.8	228
71	164. <i>Critical Care Medicine</i> , 2015, 43, 42.	0.4	0
72	Electrophysiological Monitoring of Brain Injury and Recovery after Cardiac Arrest. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25999-26018.	1.8	8

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73	Early quantitative somatosensory evoked potentials are associated with neurological outcomes after cardiac arrest and therapeutic hypothermia. <i>Journal of the Neurological Sciences</i> , 2015, 357, e326.	0.3	0
74	Real-time monitoring of cerebral blood flow by laser speckle contrast imaging after cardiac arrest in rat. , 2015, 2015, 6971-4.		9
75	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
76	Peripheral Nerve Regeneration: Mechanism, Cell Biology, and Therapies. <i>BioMed Research International</i> , 2014, 2014, 1-2.	0.9	11
77	Is Neurologic Prognostication After Hypothermia Ready for Primetime?*. <i>Critical Care Medicine</i> , 2014, 42, 2644-2645.	0.4	2
78	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
79	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
80	Assessing Thalamocortical Functional Connectivity With Granger Causality. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2013, 21, 725-733.	2.7	6
81	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
82	Critical Care of Traumatic Spinal Cord Injury. <i>Journal of Intensive Care Medicine</i> , 2013, 28, 12-23.	1.3	78
83	Temperature modulates the neuronal response in the thalamus and the cortex in rats. <i>Journal of the Neurological Sciences</i> , 2013, 333, e283-e284.	0.3	1
84	Inhibition of TGF- β 2 signaling in mesenchymal stem cells of subchondral bone attenuates osteoarthritis. <i>Nature Medicine</i> , 2013, 19, 704-712.	15.2	780
85	Epidermal Stem Cells in Orthopaedic Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11626-11642.	1.8	2
86	Effect of hypothermia on cortical and thalamic signals in anesthetized rats. , 2013, 2013, 6317-20.		2
87	Band specific changes in thalamocortical synchrony in field potentials after Cardiac Arrest induced global hypoxia. , 2013, 2013, 7112-5.		1
88	Overexpression of DRAM enhances p53-dependent apoptosis. <i>Cancer Medicine</i> , 2013, 2, 1-10.	1.3	23
89	Diagnostic Errors in Orthopedic Surgery. <i>American Journal of Medical Quality</i> , 2013, 28, 60-68.	0.2	11
90	185. <i>Critical Care Medicine</i> , 2013, 41, A41.	0.4	0

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91	CXCR7 Silencing Attenuates Cell Adaptive Response to Stromal Cell Derived Factor 1 α after Hypoxia. PLoS ONE, 2013, 8, e55290.	1.1	10
92	Increased electroencephalographic gamma activity reveals awakening from isoflurane anaesthesia in rats. British Journal of Anaesthesia, 2012, 109, 782-789.	1.5	28
93	Hypothermia Amplifies Somatosensory-evoked Potentials in Uninjured Rats. Journal of Neurosurgical Anesthesiology, 2012, 24, 197-202.	0.6	28
94	EEG-based detection of awakening from isoflurane anesthesia in rats. , 2012, 2012, 4279-82.		9
95	Injury-Activated Transforming Growth Factor β Controls Mobilization of Mesenchymal Stem Cells for Tissue Remodeling. Stem Cells, 2012, 30, 2498-2511.	1.4	129
96	Effect of hypothermia on the thalamocortical function in the rat model. , 2012, 2012, 4680-3.		1
97	Short- and long-latency somatosensory neuronal responses reveal selective brain injury and effect of hypothermia in global hypoxic ischemia. Journal of Neurophysiology, 2012, 107, 1164-1171.	0.9	22
98	Matrix IGF-1 maintains bone mass by activation of mTOR in mesenchymal stem cells. Nature Medicine, 2012, 18, 1095-1101.	15.2	498
99	Intraarticular Abnormalities in Overhead Athletes Are Variable. Clinical Orthopaedics and Related Research, 2012, 470, 1552-1557.	0.7	5
100	553. Critical Care Medicine, 2012, 40, 1-328.	0.4	0
101	194. Critical Care Medicine, 2012, 40, 1-328.	0.4	0
102	Causal interactions between thalamic and cortical LFPs following hypoxic-ischemic brain injury. , 2011, , .		1
103	Time jitter of somatosensory evoked potentials in recovery from hypoxic-ischemic brain injury. Journal of Neuroscience Methods, 2011, 201, 355-360.	1.3	15
104	The Use of Platelet-Rich Plasma in the Management of Foot and Ankle Conditions. Operative Techniques in Sports Medicine, 2011, 19, 177-184.	0.2	12
105	Designing Tyrosine-Derived Polycarbonate Polymers for Biodegradable Regenerative Type Neural Interface Capable of Neural Recording. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 204-212.	2.7	25
106	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
107	Reproducibility and Reliability of the Snyder Classification of Superior Labral Anterior Posterior Lesions Among Shoulder Surgeons. American Journal of Sports Medicine, 2011, 39, 986-991.	1.9	28
108	Laser speckle imaging reveals multiple aspects of cerebral vascular responses to whole body mild hypothermia in rats. , 2011, 2011, 2049-52.		7

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109	Statistical model applied to motor evoked potentials analysis. , 2011, 2011, 2001-4.		2
110	Quantitative assessment of somatosensory-evoked potentials after cardiac arrest in rats: Prognostication of functional outcomes*. Critical Care Medicine, 2010, 38, 1709-1717.	0.4	38
111	Application of Tsallis Entropy to EEG: Quantifying the Presence of Burst Suppression After Asphyxial Cardiac Arrest in Rats. IEEE Transactions on Biomedical Engineering, 2010, 57, 867-874.	2.5	35
112	Quantifying Time-Varying Multiunit Neural Activity Using Entropy-Based Measures. IEEE Transactions on Biomedical Engineering, 2010, 57, 2771-2777.	2.5	35
113	Evolution of somatosensory evoked potentials after cardiac arrest induced hypoxic ischemic injury. Resuscitation, 2010, 81, 893-897.	1.3	23
114	Exploring high-frequency oscillation as a marker of brain ischemia using S-transform. , 2010, 2010, 6099-102.		3
115	Burst Suppression EEG during Hypothermia and Rapid Rewarming in Isoflurane-Anesthetized Rats. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	2
116	Clinical and diagnostic tests for shoulder disorders: a critical review. British Journal of Sports Medicine, 2010, 44, 328-332.	3.1	31
117	Study of the origin of short- and long-latency SSEP during recovery from brain ischemia in a rat model. Neuroscience Letters, 2010, 485, 157-161.	1.0	15
118	Information theoretical assessment of neural spiking activity with temperature modulation. , 2009, 2009, 4990-33.		1
119	Neural signals in cortex and thalamus during brain injury from cardiac arrest in rats. , 2009, 2009, 5946-9.		5
120	Multiresolution entropy measure for neuronal multiunit activity. , 2009, 2009, 4715-8.		2
121	Long-term assessment of post-cardiac-arrest neurological outcomes with somatosensory evoked potential in rats. , 2009, 2009, 2196-9.		3
122	Clinical and Imaging Assessment for Superior Labrum Anterior and Posterior Lesions. Current Sports Medicine Reports, 2009, 8, 234-239.	0.5	15
123	An Analysis of Shoulder Laxity in Patients Undergoing Shoulder Surgery. Journal of Bone and Joint Surgery - Series A, 2009, 91, 2144-2150.	1.4	40
124	Multiscale Entropy Analysis of EEG for Assessment of Post-Cardiac Arrest Neurological Recovery Under Hypothermia in Rats. IEEE Transactions on Biomedical Engineering, 2009, 56, 1023-1031.	2.5	45
125	Intraventricular orexin-A improves arousal and early EEG entropy in rats after cardiac arrest. Brain Research, 2009, 1255, 153-161.	1.1	11
126	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. Journal of Neuroscience Methods, 2009, 176, 230-236.	1.3	63

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127	Scaling exponents of EEG are related to the temporal process of the therapeutic hypothermia following ischemic brain injury. , 2009, 2009, 2192-5.		1
128	Examination of the Shoulder: The Past, the Present, and the Future. Journal of Bone and Joint Surgery - Series A, 2009, 91, 10-18.	1.4	38
129	Features of burst-suppression EEG after asphyxial cardiac arrest in rats. , 2009, , .		2
130	Clinical Evaluation of the Shoulder Shrug Sign. Clinical Orthopaedics and Related Research, 2008, 466, 2813-2819.	0.7	28
131	Improved long-term recording of nerve signal by modified intrafascicular electrodes in rabbits. Microsurgery, 2008, 28, 173-178.	0.6	9
132	Improving neurological outcomes post-cardiac arrest in a rat model: Immediate hypothermia and quantitative EEG monitoring. Resuscitation, 2008, 76, 431-442.	1.3	161
133	Post-cardiac arrest temperature manipulation alters early EEG bursting in rats. Resuscitation, 2008, 78, 367-373.	1.3	32
134	A Subband-Based Information Measure of EEG During Brain Injury and Recovery After Cardiac Arrest. IEEE Transactions on Biomedical Engineering, 2008, 55, 1985-1990.	2.5	18
135	Management of Brain Injury After Resuscitation From Cardiac Arrest. Neurologic Clinics, 2008, 26, 487-506.	0.8	119
136	Predict the neurological recovery under hypothermia after cardiac arrest using CO complexity measure of EEG signals. , 2008, 2008, 2133-6.		5
137	Early electrophysiologic markers predict functional outcome associated with temperature manipulation after cardiac arrest in rats. Critical Care Medicine, 2008, 36, 1909-1916.	0.4	91
138	Contrast-enhanced imaging of cerebral vasculature with laser speckle. Applied Optics, 2007, 46, 5340.	2.1	64
139	Residual Motor Signal in Long-Term Human Severed Peripheral Nerves and Feasibility of Neural Signal-Controlled Artificial Limb. Journal of Hand Surgery, 2007, 32, 657-666.	0.7	62
140	Quantitative EEG Assessment of Brain Injury and Hypothermic Neuroprotection after Cardiac Arrest. , 2006, 2006, 6229-32.		10
141	Quantitative EEG and neurological recovery with therapeutic hypothermia after asphyxial cardiac arrest in rats. Brain Research, 2006, 1111, 166-175.	1.1	97
142	Quantitative EEG and Effect of Hypothermia on Brain Recovery After Cardiac Arrest. IEEE Transactions on Biomedical Engineering, 2006, 53, 1016-1023.	2.5	53
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