Yongqin Li

List of Publications by Year
in descending order

53 papers	1,172 citations	489802 18 h-index	445137 33 g-index
55 all docs	55 docs citations	55 times ranked	1237 citing authors

#	Article	IF	Citations
1	Trimetazidine Alleviates Postresuscitation Myocardial Dysfunction and Improves 96â€Hour Survival in a Ventricular Fibrillation Rat Model. Journal of the American Heart Association, 2022, 11, e023378.	1.6	2
2	A framework of current based defibrillation improves defibrillation efficacy of biphasic truncated exponential waveform in rabbits. Scientific Reports, 2021, 11, 1586.	1.6	1
3	Repetitive anodal transcranial direct current stimulation improves neurological recovery by preserving the neuroplasticity in an asphyxial rat model of cardiac arrest. Brain Stimulation, 2021, 14, 407-416.	0.7	2
4	Estimating the amplitude spectrum area of ventricular fibrillation during cardiopulmonary resuscitation using only ECG waveform. Annals of Translational Medicine, 2021, 9, 619-619.	0.7	5
5	Polyphenol-assisted facile assembly of bioactive nanoparticles for targeted therapy of heart diseases. Biomaterials, 2021, 275, 120952.	5.7	25
6	A signal quality assessmentâ€"based ECG waveform delineation method used for wearable monitoring systems. Medical and Biological Engineering and Computing, 2021, 59, 2073-2084.	1.6	10
7	Interaction between gender and post resuscitation interventions on neurological outcome in an asphyxial rat model of cardiac arrest. BMC Cardiovascular Disorders, 2021, 21, 441.	0.7	7
8	Hyperoxygenation With Cardiopulmonary Resuscitation and Targeted Temperature Management Improves Postâ€"Cardiac Arrest Outcomes in Rats. Journal of the American Heart Association, 2020, 9, e016730.	1.6	6
9	Effects of the duration of postresuscitation hyperoxic ventilation on neurological outcome and survival in an asphyxial cardiac arrest rat model. Scientific Reports, 2019, 9, 16500.	1.6	6
10	Inhaling Hydrogen Ameliorates Early Postresuscitation EEG Characteristics in an Asphyxial Cardiac Arrest Rat Model. BioMed Research International, 2019, 2019, 1-8.	0.9	4
11	Removal of ECG Artifacts From EEG Using an Effective Recursive Least Square Notch Filter. IEEE Access, 2019, 7, 158872-158880.	2.6	15
12	Repetitive anodal transcranial direct current stimulation improves neurological outcome and survival in a ventricular fibrillation cardiac arrest rat model. Brain Stimulation, 2019, 12, 659-667.	0.7	3
13	Combining early post-resuscitation EEG and HRV features improves the prognostic performance in cardiac arrest model of rats. American Journal of Emergency Medicine, 2018, 36, 2242-2248.	0.7	5
14	Hydrogen Inhalation is Superior to Mild Hypothermia for Improving Neurological Outcome and Survival in a Cardiac Arrest Model of Spontaneously Hypertensive Rat. Shock, 2018, 50, 689-695.	1.0	13
15	Comparison of Quantitative Characteristics of Early Post-resuscitation EEG Between Asphyxial and Ventricular Fibrillation Cardiac Arrest in Rats. Neurocritical Care, 2018, 28, 247-256.	1.2	15
16	An Enhanced Adaptive Filtering Method for Suppressing Cardiopulmonary Resuscitation Artifact. IEEE Transactions on Biomedical Engineering, 2017, 64, 471-478.	2.5	28
17	Does the choice of definition for defibrillation and CPR success impact the predictability of ventricular fibrillation waveform analysis?. Resuscitation, 2017, 111, 48-54.	1.3	22
18	Detection of spontaneous pulse using the acceleration signals acquired from CPR feedback sensor in a porcine model of cardiac arrest. PLoS ONE, 2017, 12, e0189217.	1.1	10

#	Article	IF	Citations
19	The Role of Targeted Temperature Management in Adult Patients Resuscitated from Nonshockable Cardiac Arrests: An Updated Systematic Review and Meta-Analysis. BioMed Research International, 2016, 2016, 1-10.	0.9	4
20	Hydrogen Inhalation is Superior to Mild Hypothermia in Improving Cardiac Function and Neurological Outcome in an Asphyxial Cardiac Arrest Model of Rats. Shock, 2016, 46, 312-318.	1.0	25
21	Hydroxytyrosol mildly improve cognitive function independent of APP processing in APP/PS1 mice. Molecular Nutrition and Food Research, 2016, 60, 2331-2342.	1.5	65
22	See through ECG technology during cardiopulmonary resuscitation to analyze rhythm and predict defibrillation outcome. Current Opinion in Critical Care, 2016, 22, 199-205.	1.6	25
23	The effects of second and third phase duration on defibrillation efficacy of triphasic rectangle waveforms. Resuscitation, 2016, 102, 57-62.	1.3	3
24	A Grouped Up-and-Down Method Used for Efficacy Comparison Between Two Different Defibrillation Waveforms. IEEE Transactions on Biomedical Engineering, 2016, 63, 385-391.	2.5	3
25	Combining Amplitude Spectrum Area with Previous Shock Information Using Neural Networks Improves Prediction Performance of Defibrillation Outcome for Subsequent Shocks in Out-Of-Hospital Cardiac Arrest Patients. PLoS ONE, 2016, 11, e0149115.	1.1	18
26	Compressing with dominant hand improves quality of manual chest compressions for rescuers who performed suboptimal CPR in manikins. American Journal of Emergency Medicine, 2015, 33, 931-936.	0.7	15
27	Combining multiple ECG features does not improve prediction of defibrillation outcome compared to single features in a large population of out-of-hospital cardiac arrests. Critical Care, 2015, 19, 425.	2.5	28
28	Modeling Fluid Resuscitation by Formulating Infusion Rate and Urine Output in Severe Thermal Burn Adult Patients: A Retrospective Cohort Study. BioMed Research International, 2015, 2015, 1-8.	0.9	1
29	Short Duration Combined Mild Hypothermia Improves Resuscitation Outcomes in a Porcine Model of Prolonged Cardiac Arrest. BioMed Research International, 2015, 2015, 1-8.	0.9	5
30	Predict Defibrillation Outcome Using Stepping Increment of Poincare Plot for Out-of-Hospital Ventricular Fibrillation Cardiac Arrest. BioMed Research International, 2015, 2015, 1-7.	0.9	18
31	Amplitude Spectrum Area to Guide Defibrillation. Circulation, 2015, 131, 478-487.	1.6	76
32	Cardiac Arrest and Cardiopulmonary Resuscitation: Starting from Basic Science and Bioengineering Research to Improve Resuscitation Outcome. BioMed Research International, 2014, 2014, 1-2.	0.9	6
33	Removal of Cardiopulmonary Resuscitation Artifacts with an Enhanced Adaptive Filtering Method: An Experimental Trial. BioMed Research International, 2014, 2014, 1-9.	0.9	14
34	Average current is better than peak current as therapeutic dosage for biphasic waveforms in a ventricular fibrillation pig model of cardiac arrest. Resuscitation, 2014, 85, 1399-1404.	1.3	9
35	The Importance of Automated External Defibrillation Implementation Programs. , 2014, , 67-80.		0
36	Electrical features of eighteen automated external defibrillators: A systematic evaluation. Resuscitation, 2013, 84, 1596-1603.	1.3	9

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37	Amplitude spectrum area to guide resuscitation—A retrospective analysis during out-of-hospital cardiopulmonary resuscitation in 609 patients with ventricular fibrillation cardiac arrest. Resuscitation, 2013, 84, 1697-1703.	1.3	62
38	Current is better than energy as predictor of success for biphasic defibrillatory shocks in a porcine model of ventricular fibrillation. Resuscitation, 2013, 84, 678-683.	1.3	18
39	A Review of the Performance of Artifact Filtering Algorithms for Cardiopulmonary Resuscitation. Journal of Healthcare Engineering, 2013, 4, 185-202.	1.1	28
40	Even Four Minutes of Poor Quality of CPR Compromises Outcome in a Porcine Model of Prolonged Cardiac Arrest. BioMed Research International, 2013, 2013, 1-6.	0.9	18
41	Improved Early Postresuscitation EEG Activity for Animals Treated with Hypothermia Predicted 96‰hr Neurological Outcome and Survival in a Rat Model of Cardiac Arrest. BioMed Research International, 2013, 2013, 1-9.	0.9	12
42	Novel Ventricular Fibrillation/Tachycardia Detection Algorithms Used for Automated External Defibrillators. Recent Patents on Engineering, 2012, 6, 217-225.	0.3	1
43	Optimizing the Timing of Defibrillation: The Role of Ventricular Fibrillation Waveform Analysis During Cardiopulmonary Resuscitation. Critical Care Clinics, 2012, 28, 199-210.	1.0	18
44	Transthoracic impedance for the monitoring of quality of manual chest compression during cardiopulmonary resuscitation. Resuscitation, 2012, 83, 1281-1286.	1.3	16
45	An Algorithm Used for Ventricular Fibrillation Detection Without Interrupting Chest Compression. IEEE Transactions on Biomedical Engineering, 2012, 59, 78-86.	2.5	49
46	Survival and neurological outcomes after nasopharyngeal cooling or peripheral vein cold saline infusion initiated during cardiopulmonary resuscitation in a porcine model of prolonged cardiac arrest*. Critical Care Medicine, 2010, 38, 916-921.	0.4	65
47	The effects of phase duration on defibrillation success of dual time constant biphasic waveforms. Resuscitation, 2010, 81, 236-241.	1.3	13
48	Comparison of efficacy of pulsed biphasic waveform and rectilinear biphasic waveform in a short ventricular fibrillation pig model. Resuscitation, 2009, 80, 1047-1051.	1.3	12
49	A comparison of defibrillation efficacy between different impedance compensation techniques in high impedance porcine model. Resuscitation, 2009, 80, 1312-1317.	1.3	22
50	Techniques for artefact filtering from chest compression corrupted ECG signals: Good, but not enough. Resuscitation, 2009, 80, 1219-1220.	1.3	33
51	Identifying potentially shockable rhythms without interrupting cardiopulmonary resuscitation*. Critical Care Medicine, 2008, 36, 198-203.	0.4	173
52	Electrocardiogram waveforms for monitoring effectiveness of chest compression during cardiopulmonary resuscitation*. Critical Care Medicine, 2008, 36, 211-215.	0.4	81
53	A comparison between head cooling begun during cardiopulmonary resuscitation and surface cooling after resuscitation in a pig model of cardiac arrest. Critical Care Medicine, 2008, 36, S428-S433.	0.4	48