

Joshua W Lampe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/495966/publications.pdf>

Version: 2024-02-01

39
papers

923
citations

567281

15
h-index

454955

30
g-index

40
all docs

40
docs citations

40
times ranked

1264
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | State of the Art in Therapeutic Hypothermia. <i>Annual Review of Medicine</i> , 2011, 62, 79-93. | 12.2 | 114 |
| 2 | A rodent model of emergency cardiopulmonary bypass resuscitation with different temperatures after asphyxial cardiac arrest. <i>Resuscitation</i> , 2010, 81, 93-99. | 3.0 | 101 |
| 3 | Comprehensive analysis of phospholipids in the brain, heart, kidney, and liver: brain phospholipids are least enriched with polyunsaturated fatty acids. <i>Molecular and Cellular Biochemistry</i> , 2018, 442, 187-201. | 3.1 | 94 |
| 4 | Patient-Centric Blood Pressure-targeted Cardiopulmonary Resuscitation Improves Survival from Cardiac Arrest. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1255-1262. | 5.6 | 74 |
| 5 | Blood Pressure and Coronary Perfusion Pressure-Targeted Cardiopulmonary Resuscitation Improves 24-Hour Survival From Ventricular Fibrillation Cardiac Arrest. <i>Critical Care Medicine</i> , 2016, 44, e1111-e1117. | 0.9 | 64 |
| 6 | Immediate short-duration hypothermia provides long-term protection in an in vivo model of traumatic axonal injury. <i>Experimental Neurology</i> , 2009, 215, 119-127. | 4.1 | 36 |
| 7 | Persistently Altered Brain Mitochondrial Bioenergetics After Apparently Successful Resuscitation From Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2015, 4, e002232. | 3.7 | 33 |
| 8 | Protein Assembly at the Air-Water Interface Studied by Fluorescence Microscopy. <i>Langmuir</i> , 2011, 27, 12775-12781. | 3.5 | 32 |
| 9 | Phospholipid alterations in the brain and heart in a rat model of asphyxia-induced cardiac arrest and cardiopulmonary bypass resuscitation. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 273-281. | 3.1 | 31 |
| 10 | Dissociated Oxygen Consumption and Carbon Dioxide Production in the Post-Cardiac Arrest Rat: A Novel Metabolic Phenotype. <i>Journal of the American Heart Association</i> , 2018, 7, . | 3.7 | 30 |
| 11 | The Responses of Tissues from the Brain, Heart, Kidney, and Liver to Resuscitation following Prolonged Cardiac Arrest by Examining Mitochondrial Respiration in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7. | 4.0 | 29 |
| 12 | Feasibility of intra-arrest hypothermia induction: A novel nasopharyngeal approach achieves preferential brain cooling. <i>Resuscitation</i> , 2010, 81, 1025-1030. | 3.0 | 28 |
| 13 | Impact dynamics of drops on thin films of viscoelastic wormlike micelle solutions. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2005, 125, 11-23. | 2.4 | 23 |
| 14 | Examination of Physiological Function and Biochemical Disorders in a Rat Model of Prolonged Asphyxia-Induced Cardiac Arrest followed by Cardio Pulmonary Bypass Resuscitation. <i>PLoS ONE</i> , 2014, 9, e112012. | 2.5 | 18 |
| 15 | Low temperature increases capillary blood refill time following mechanical fingertip compression of healthy volunteers: prospective cohort study. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 259-267. | 1.6 | 17 |
| 16 | Does training level affect the accuracy of visual assessment of capillary refill time?. <i>Critical Care</i> , 2019, 23, 157. | 5.8 | 16 |
| 17 | Gas Embolism and Surfactant-Based Intervention: Implications for Long-Duration Space-Based Activity. <i>Annals of the New York Academy of Sciences</i> , 2006, 1077, 256-269. | 3.8 | 15 |
| 18 | Imaging Macromolecular Interactions at an Interface. <i>Langmuir</i> , 2010, 26, 2452-2459. | 3.5 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Rapid cooling for saving lives: a bioengineering opportunity. <i>Expert Review of Medical Devices</i> , 2007, 4, 441-446. | 2.8 | 14 |
| 20 | The role of decreased cardiolipin and impaired electron transport chain in brain damage due to cardiac arrest. <i>Neurochemistry International</i> , 2018, 120, 200-205. | 3.8 | 14 |
| 21 | Evaluation of accuracy of capillary refill index with pneumatic fingertip compression. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 135-145. | 1.6 | 14 |
| 22 | Increased Survival Time With SS-31 After Prolonged Cardiac Arrest in Rats. <i>Heart Lung and Circulation</i> , 2019, 28, 505-508. | 0.4 | 13 |
| 23 | Developing a kinematic understanding of chest compressions: the impact of depth and release time on blood flow during cardiopulmonary resuscitation. <i>BioMedical Engineering OnLine</i> , 2015, 14, 102. | 2.7 | 12 |
| 24 | Comparing phospholipid profiles of mitochondria and whole tissue: Higher PUFA content in mitochondria is driven by increased phosphatidylcholine unsaturation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1093-1094, 147-157. | 2.3 | 12 |
| 25 | The standardized method and clinical experience may improve the reliability of visually assessed capillary refill time. <i>American Journal of Emergency Medicine</i> , 2021, 44, 284-290. | 1.6 | 12 |
| 26 | Potential of lysophosphatidylinositol as a prognostic indicator of cardiac arrest using a rat model. <i>Biomarkers</i> , 2017, 22, 755-763. | 1.9 | 11 |
| 27 | The effects of early high-volume hemofiltration on prolonged cardiac arrest in rats with reperfusion by cardiopulmonary bypass: a randomized controlled animal study. <i>Intensive Care Medicine Experimental</i> , 2016, 4, 25. | 1.9 | 9 |
| 28 | Blood refill time: Clinical bedside monitoring of peripheral blood perfusion using pulse oximetry sensor and mechanical compression. <i>American Journal of Emergency Medicine</i> , 2018, 36, 2310-2312. | 1.6 | 8 |
| 29 | Effect of compression waveform and resuscitation duration on blood flow and pressure in swine: One waveform does not optimally serve. <i>Resuscitation</i> , 2018, 131, 55-62. | 3.0 | 8 |
| 30 | A method for measuring the molecular ratio of inhalation to exhalation and effect of inspired oxygen levels on oxygen consumption. <i>Scientific Reports</i> , 2021, 11, 12815. | 3.3 | 8 |
| 31 | DHA-supplemented diet increases the survival of rats following asphyxia-induced cardiac arrest and cardiopulmonary bypass resuscitation. <i>Scientific Reports</i> , 2016, 6, 36545. | 3.3 | 7 |
| 32 | Towards Personalized Closed-Loop Mechanical CPR: A Model Relating Carotid Blood Flow to Chest Compression Rate and Duration. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1253-1262. | 4.2 | 4 |
| 33 | Developing dual hemofiltration plus cardiopulmonary bypass in rodents. <i>Journal of Surgical Research</i> , 2015, 195, 196-203. | 1.6 | 3 |
| 34 | Volume infusion cooling increases end-tidal carbon dioxide and results in faster and deeper cooling during intra-cardiopulmonary resuscitation hypothermia induction. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 37. | 1.9 | 2 |
| 35 | The Potential Application of Mitochondrial Medicine in Toxicologic Poisoning. <i>Journal of Medical Toxicology</i> , 2015, 11, 201-207. | 1.5 | 2 |
| 36 | Understanding the Role of Exogenous and Endogenous Surfactants in Gas Embolism. <i>ACS Symposium Series</i> , 2012, , 395-418. | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Improved ventilation monitoring during CPR. Resuscitation, 2017, 110, A3-A4. | 3.0 | 0 |
| 38 | Using 3-D dense packing models to predict surface tension change due to protein adsorption. International Journal of Transport Phenomena, 2011, 12, 283-300. | 0.0 | 0 |
| 39 | RAPID INDUCTION OF HETEROGENEOUS ICE NUCLEATION IN A BIOLOGICALLY COMPATIBLE COOLANT. International Journal of Transport Phenomena, 2011, 12, 307-317. | 0.0 | 0 |