

Sashko Spassov

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

683
citations

516710

16
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

871
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Biosensor-Enabled Multiplexed On-Site Therapeutic Drug Monitoring of Antibiotics. <i>Advanced Materials</i> , 2022, 34, e2104555. | 21.0 | 29 |
| 2 | Biosensor-Enabled Multiplexed On-Site Therapeutic Drug Monitoring of Antibiotics (Adv. Mater.) <i>Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 5</i> | 21.0 | 1 |
| 3 | Profiling Distinctive Inflammatory and Redox Responses to Hydrogen Sulfide in Stretched and Stimulated Lung Cells. <i>Antioxidants</i> , 2022, 11, 1001. | 5.1 | 1 |
| 4 | Lung area estimation using functional tidal electrical impedance variation images and active contouring. <i>Physiological Measurement</i> , 2022, 43, 075010. | 2.1 | 3 |
| 5 | Mechanical ventilation restores blood gas homeostasis and diaphragm muscle strength in ketamine/medetomidine-anaesthetized rats. <i>Experimental Physiology</i> , 2021, 106, 396-400. | 2.0 | 0 |
| 6 | Argon reduces microglial activation and inflammatory cytokine expression in retinal ischemia/reperfusion injury. <i>Neural Regeneration Research</i> , 2021, 16, 192. | 3.0 | 17 |
| 7 | Flow-Controlled Ventilation Attenuates Lung Injury in a Porcine Model of Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2020, 48, e241-e248. | 0.9 | 38 |
| 8 | Sine ventilation in lung injury models: a new perspective for lung protective ventilation. <i>Scientific Reports</i> , 2020, 10, 11690. | 3.3 | 0 |
| 9 | A novel mechanical ventilator providing flow-controlled expiration for small animals. <i>Laboratory Animals</i> , 2020, 54, 568-575. | 1.0 | 1 |
| 10 | Ventilation-Like Mechanical Strain Modulates the Inflammatory Response of BEAS2B Epithelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-7. | 4.0 | 5 |
| 11 | Hydrogen Sulfide Exerts Anti-oxidative and Anti-inflammatory Effects in Acute Lung Injury. <i>Inflammation</i> , 2018, 41, 249-259. | 3.8 | 45 |
| 12 | Hydrogen sulfide limits neutrophil transmigration, inflammation, and oxidative burst in lipopolysaccharide-induced acute lung injury. <i>Scientific Reports</i> , 2018, 8, 14676. | 3.3 | 50 |
| 13 | Improved lung recruitment and oxygenation during mandatory ventilation with a new expiratory ventilation assistance device. <i>European Journal of Anaesthesiology</i> , 2018, 35, 736-744. | 1.7 | 45 |
| 14 | Sevoflurane posttreatment prevents oxidative and inflammatory injury in ventilator-induced lung injury. <i>PLoS ONE</i> , 2018, 13, e0192896. | 2.5 | 35 |
| 15 | Hydrogen Sulfide Confers Lung Protection During Mechanical Ventilation via Cyclooxygenase 2, 15-deoxy l ¹² ,14-Prostaglandin J ₂ , and Peroxisome Proliferator-Activated Receptor Gamma. <i>Critical Care Medicine</i> , 2017, 45, e849-e857. | 0.9 | 8 |
| 16 | Hydrogen Sulfide Prevents Formation of Reactive Oxygen Species through PI3K/Akt Signaling and Limits Ventilator-Induced Lung Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14. | 4.0 | 39 |
| 17 | Inhaled Anesthetics Exert Different Protective Properties in a Mouse Model of Ventilator-Induced Lung Injury. <i>Anesthesia and Analgesia</i> , 2016, 123, 143-151. | 2.2 | 35 |
| 18 | Genetic Targets of Hydrogen Sulfide in Ventilator-Induced Lung Injury – A Microarray Study. <i>PLoS ONE</i> , 2014, 9, e102401. | 2.5 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Thiopental Inhibits Global Protein Synthesis by Repression of Eukaryotic Elongation Factor 2 and Protects from Hypoxic Neuronal Cell Death. PLoS ONE, 2013, 8, e77258. | 2.5 | 16 |
| 20 | Hydrogen Sulfide Prevents Hyperoxia-induced Lung Injury by Downregulating Reactive Oxygen Species Formation and Angiotensin-2 Release. Current Pharmaceutical Design, 2013, 19, 2715-2721. | 1.9 | 24 |
| 21 | Kinetic effects of carbon monoxide inhalation on tissue protection in ventilator-induced lung injury. Laboratory Investigation, 2012, 92, 999-1012. | 3.7 | 20 |
| 22 | Inhaled hydrogen sulfide protects against lipopolysaccharide-induced acute lung injury in mice. Medical Gas Research, 2012, 2, 26. | 2.3 | 43 |
| 23 | Dominant-negative Effects of COL7A1 Mutations Can be Rescued by Controlled Overexpression of Normal Collagen VII. Journal of Biological Chemistry, 2009, 284, 30248-30256. | 3.4 | 40 |
| 24 | Structural differences between TSEs strains investigated by FT-IR spectroscopy. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1138-1149. | 2.4 | 70 |
| 25 | Discriminating Scrapie and Bovine Spongiform Encephalopathy Isolates by Infrared Spectroscopy of Pathological Prion Protein. Journal of Biological Chemistry, 2004, 279, 33847-33854. | 3.4 | 72 |
| 26 | Prion structure investigated in situ , ex vivo , and in vitro by FTIR spectroscopy. , 2004, , . | | 1 |
| 27 | Scrapie-infected cells, isolated prions, and recombinant prion protein: A comparative study. Biopolymers, 2004, 74, 163-167. | 2.4 | 19 |