

Tim Crul

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

973
citations

759233

12
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1386
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Resistance Training Prevents Deterioration in Quadriceps Muscle Function During Acute Exacerbations of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 1072-1077. | 5.6 | 224 |
| 2 | Plasma membranes as heat stress sensors: From lipid-controlled molecular switches to therapeutic applications. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1594-1618. | 2.6 | 115 |
| 3 | Markers of inflammation and disuse in vastus lateralis of chronic obstructive pulmonary disease patients. <i>European Journal of Clinical Investigation</i> , 2007, 37, 897-904. | 3.4 | 103 |
| 4 | Membrane-Lipid Therapy in Operation: The HSP Co-Inducer BGP-15 Activates Stress Signal Transduction Pathways by Remodeling Plasma Membrane Rafts. <i>PLoS ONE</i> , 2011, 6, e28818. | 2.5 | 71 |
| 5 | Atrophy and hypertrophy signalling in the diaphragm of patients with COPD. <i>European Respiratory Journal</i> , 2010, 35, 549-556. | 6.7 | 70 |
| 6 | Heat Shock Proteins and Autophagy Pathways in Neuroprotection: From Molecular Bases to Pharmacological Interventions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 325. | 4.1 | 68 |
| 7 | Gene Expression Profiling in Vastus Lateralis Muscle During an Acute Exacerbation of COPD. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 491-500. | 1.6 | 64 |
| 8 | Hydroxamic Acid Derivatives: Pleiotropic Hsp Co-Inducers Restoring Homeostasis and Robustness. <i>Current Pharmaceutical Design</i> , 2013, 19, 309-346. | 1.9 | 61 |
| 9 | Membrane fluidity matters: Hyperthermia from the aspects of lipids and membranes. <i>International Journal of Hyperthermia</i> , 2013, 29, 491-499. | 2.5 | 53 |
| 10 | The Role of Lipids and Membranes in the Pathogenesis of Alzheimer's Disease: A Comprehensive View. <i>Current Alzheimer Research</i> , 2018, 15, 1191-1212. | 1.4 | 42 |
| 11 | The central role of heat shock factor 1 in synaptic fidelity and memory consolidation. <i>Cell Stress and Chaperones</i> , 2016, 21, 745-753. | 2.9 | 36 |
| 12 | Rac1 Participates in Thermally Induced Alterations of the Cytoskeleton, Cell Morphology and Lipid Rafts, and Regulates the Expression of Heat Shock Proteins in B16F10 Melanoma Cells. <i>PLoS ONE</i> , 2014, 9, e89136. | 2.5 | 26 |
| 13 | Endoplasmic Reticulum-Plasma Membrane Contact Sites as an Organizing Principle for Compartmentalized Calcium and cAMP Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4703. | 4.1 | 12 |
| 14 | Chaperone co-inducer BGP-15 inhibits histone deacetylases and enhances the heat shock response through increased chromatin accessibility. <i>Cell Stress and Chaperones</i> , 2017, 22, 717-728. | 2.9 | 11 |
| 15 | Bile acid- and ethanol-mediated activation of Orai1 damages pancreatic ductal secretion in acute pancreatitis. <i>Journal of Physiology</i> , 2022, 600, 1631-1650. | 2.9 | 11 |
| 16 | Modulation of Plasma Membrane Composition and Microdomain Organization Impairs Heat Shock Protein Expression in B16-F10 Mouse Melanoma Cells. <i>Cells</i> , 2020, 9, 951. | 4.1 | 6 |
| 17 | Membranes in stress management: How membranes control the expression and cellular distribution of stress proteins. <i>Chemistry and Physics of Lipids</i> , 2011, 164, S10. | 3.2 | 0 |