

Ghislaine Gayan-Ramirez

List of Publications by Citations

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|-------------------|-------------------------|----------------|-----------------|
| 36 papers | 1,549 citations | 18 h-index | 39 g-index |
| 46 ext. papers | 1,773 ext. citations | 5.8 avg, IF | 4.16 L-index |

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 36 | Noninvasive and invasive pulmonary function in mouse models of obstructive and restrictive respiratory diseases. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 96-104 | 5.7 | 229 |
| 35 | 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, 1072-7 | 10.2 | 184 |
| 34 | Increased duration of mechanical ventilation is associated with decreased diaphragmatic force: a prospective observational study. <i>Critical Care</i> , 2010 , 14, R127 | 10.8 | 165 |
| 33 | Intermittent spontaneous breathing protects the rat diaphragm from mechanical ventilation effects. <i>Critical Care Medicine</i> , 2005 , 33, 2804-9 | 1.4 | 126 |
| 32 | Rocuronium exacerbates mechanical ventilation-induced diaphragm dysfunction in rats. <i>Critical Care Medicine</i> , 2006 , 34, 3018-23 | 1.4 | 87 |
| 31 | Leupeptin inhibits ventilator-induced diaphragm dysfunction in rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 1134-8 | 10.2 | 84 |
| 30 | Vitamin D supplementation during rehabilitation in COPD: a secondary analysis of a randomized trial. <i>Respiratory Research</i> , 2012 , 13, 84 | 7.3 | 73 |
| 29 | Detrimental effects of short-term mechanical ventilation on diaphragm function and IGF-I mRNA in rats. <i>Intensive Care Medicine</i> , 2003 , 29, 825-33 | 14.5 | 73 |
| 28 | N-Acetylcysteine protects the rat diaphragm from the decreased contractility associated with controlled mechanical ventilation. <i>Critical Care Medicine</i> , 2011 , 39, 777-82 | 1.4 | 64 |
| 27 | Infusions of rocuronium and cisatracurium exert different effects on rat diaphragm function. <i>Intensive Care Medicine</i> , 2007 , 33, 872-879 | 14.5 | 57 |
| 26 | Gene expression profiling in vastus lateralis muscle during an acute exacerbation of COPD. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 491-500 | 3.9 | 55 |
| 25 | Effects of acute administration of corticosteroids during mechanical ventilation on rat diaphragm. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 1219-26 | 10.2 | 50 |
| 24 | Musculoskeletal disorders in chronic obstructive pulmonary disease. <i>BioMed Research International</i> , 2014 , 2014, 965764 | 3 | 49 |
| 23 | Mechanisms of striated muscle dysfunction during acute exacerbations of COPD. <i>Journal of Applied Physiology</i> , 2013 , 114, 1291-9 | 3.7 | 40 |
| 22 | Bortezomib partially protects the rat diaphragm from ventilator-induced diaphragm dysfunction. <i>Critical Care Medicine</i> , 2012 , 40, 2449-55 | 1.4 | 34 |
| 21 | Vitamin D deficiency exacerbates COPD-like characteristics in the lungs of cigarette smoke-exposed mice. <i>Respiratory Research</i> , 2015 , 16, 110 | 7.3 | 32 |
| 20 | 1,25-Dihydroxyvitamin D Modulates Antibacterial and Inflammatory Response in Human Cigarette Smoke-Exposed Macrophages. <i>PLoS ONE</i> , 2016 , 11, e0160482 | 3.7 | 29 |

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| 19 | Increased IgA Expression in Lung Lymphoid Follicles in Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 592-602 | 10.2 | 24 |
| 18 | Time course of diaphragm function recovery after controlled mechanical ventilation in rats. <i>Journal of Applied Physiology</i> , 2013 , 115, 775-84 | 3.7 | 17 |
| 17 | Local expression profiles of vitamin D-related genes in airways of COPD patients. <i>Respiratory Research</i> , 2020 , 21, 137 | 7.3 | 11 |
| 16 | Two Weeks of Smoking Cessation Reverse Cigarette Smoke-Induced Skeletal Muscle Atrophy and Mitochondrial Dysfunction in Mice. <i>Nicotine and Tobacco Research</i> , 2021 , 23, 143-151 | 4.9 | 10 |
| 15 | Vitamin D deficiency impairs skeletal muscle function in a smoking mouse model. <i>Journal of Endocrinology</i> , 2016 , 229, 97-108 | 4.7 | 9 |
| 14 | Effects of downhill walking in pulmonary rehabilitation for patients with COPD: a randomised controlled trial. <i>European Respiratory Journal</i> , 2020 , 56, | 13.6 | 9 |
| 13 | Airway infection with Nontypeable Haemophilus influenzae is more rapidly eradicated in vitamin D deficient mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 187, 42-51 | 5.1 | 8 |
| 12 | Vitamin D Modulates the Response of Bronchial Epithelial Cells Exposed to Cigarette Smoke Extract. <i>Nutrients</i> , 2019 , 11, | 6.7 | 7 |
| 11 | Influence of weaning methods on the diaphragm after mechanical ventilation in a rat model. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 127 | 3.5 | 5 |
| 10 | Enhanced lung inflammatory response in whole-body compared to nose-only cigarette smoke-exposed mice. <i>Respiratory Research</i> , 2021 , 22, 86 | 7.3 | 4 |
| 9 | Data on inflammatory cytokines and pathways involved in clearance of from the lungs during cigarette smoking and vitamin D deficiency. <i>Data in Brief</i> , 2019 , 22, 703-708 | 1.2 | 3 |
| 8 | Vitamin D Actions: The Lung Is a Major Target for Vitamin D, FGF23, and Klotho.. <i>JBMR Plus</i> , 2021 , 5, e10569 | 3.9 | 3 |
| 7 | Vitamin D and Chronic Obstructive Pulmonary Disease 2012 , 239-260 | | 2 |
| 6 | Muscle Microbiopsy to Delineate Stem Cell Involvement in Young Patients: A Novel Approach for Children With Cerebral Palsy. <i>Frontiers in Physiology</i> , 2020 , 11, 945 | 4.6 | 2 |
| 5 | Local nebulization of 1,25(OH) ₂ D attenuates LPS-induced acute lung inflammation.. <i>Respiratory Research</i> , 2022 , 23, 76 | 7.3 | 2 |
| 4 | The combination of smoking with vitamin D deficiency impairs skeletal muscle fiber hypertrophy in response to overload in mice. <i>Journal of Applied Physiology</i> , 2021 , 131, 339-351 | 3.7 | 1 |
| 3 | The Physiology of Muscle | 26-39 | |
| 2 | Muscle weakness after administration of neuromuscular blocking agents: Do not immobilize the diaphragm unnecessarily. <i>Critical Care Medicine</i> , 2007 , 35, 1635 | 1.4 | |

- 1 Effects of repeated infections with non-typeable *Haemophilus influenzae* on lung in vitamin D deficient and smoking mice.. *Respiratory Research*, **2022**, 23, 40

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