

Josep Roca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4622098/publications.pdf>

Version: 2024-02-01

58
papers

3,066
citations

201575

27
h-index

168321

53
g-index

62
all docs

62
docs citations

62
times ranked

3809
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of Pulmonary Hypertension on Exercise Capacity in Patients With Chronic Obstructive Pulmonary Disease. <i>Archivos De Bronconeumologia</i> , 2020, 56, 499-505. | 0.4 | 8 |
| 2 | The patient at the centre: evidence from 17 European integrated care programmes for persons with complex needs. <i>BMC Health Services Research</i> , 2020, 20, 1102. | 0.9 | 19 |
| 3 | Cost-effectiveness of a technology-supported multimodal prehabilitation program in moderate-to-high risk patients undergoing lung cancer resection: randomized controlled trial protocol. <i>BMC Health Services Research</i> , 2020, 20, 207. | 0.9 | 13 |
| 4 | Integrated Care Intervention Supported by a Mobile Health Tool for Patients Using Noninvasive Ventilation at Home: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2020, 8, e16395. | 1.8 | 9 |
| 5 | Health Outcomes from Home Hospitalization: Multisource Predictive Modeling. <i>Journal of Medical Internet Research</i> , 2020, 22, e21367. | 2.1 | 13 |
| 6 | Risk Prediction as a Service: a DSS Architecture Promoting Interoperability and Collaboration. , 2019, , . | | 2 |
| 7 | Evaluation of integrated care services in Catalonia: population-based and service-based real-life deployment protocols. <i>BMC Health Services Research</i> , 2019, 19, 370. | 0.9 | 31 |
| 8 | Training-induced changes on quadriceps muscle oxygenation measured by near-infrared spectroscopy in healthy subjects and in chronic obstructive pulmonary disease patients. <i>Clinical Physiology and Functional Imaging</i> , 2019, 39, 284-290. | 0.5 | 9 |
| 9 | Paradigm changes for diagnosis: using big data for prediction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 317-327. | 1.4 | 7 |
| 10 | Digital Health Transformation of Integrated Care in Europe: Overarching Analysis of 17 Integrated Care Programs. <i>Journal of Medical Internet Research</i> , 2019, 21, e14956. | 2.1 | 52 |
| 11 | Instrumental drift removal in GC-MS data for breath analysis: the short-term and long-term temporal validation of putative biomarkers for COPD. <i>Journal of Breath Research</i> , 2018, 12, 036007. | 1.5 | 8 |
| 12 | Network modules uncover mechanisms of skeletal muscle dysfunction in COPD patients. <i>Journal of Translational Medicine</i> , 2018, 16, 34. | 1.8 | 22 |
| 13 | Personalised Prehabilitation in High-risk Patients Undergoing Elective Major Abdominal Surgery. <i>Annals of Surgery</i> , 2018, 267, 50-56. | 2.1 | 558 |
| 14 | Population-based analysis of patients with COPD in Catalonia: a cohort study with implications for clinical management. <i>BMJ Open</i> , 2018, 8, e017283. | 0.8 | 22 |
| 15 | Telehealth for patients with chronic obstructive pulmonary disease (COPD): a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2018, 8, e021865. | 0.8 | 10 |
| 16 | Protocol for regional implementation of collaborative self-management services to promote physical activity. <i>BMC Health Services Research</i> , 2018, 18, 560. | 0.9 | 5 |
| 17 | Risk and temporal order of disease diagnosis of comorbidities in patients with COPD: a population health perspective. <i>BMJ Open Respiratory Research</i> , 2018, 5, e000302. | 1.2 | 10 |
| 18 | Implementation of Home Hospitalization and Early Discharge as an Integrated Care Service: A Ten Years Pragmatic Assessment. <i>International Journal of Integrated Care</i> , 2018, 18, 12. | 0.1 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Heart Rate Recovery After 6-min Walking Test Predicts Acute Exacerbation in COPD. <i>Lung</i> , 2017, 195, 463-467. | 1.4 | 20 |
| 20 | Guidelines for Developing Successful Short Advanced Courses in Systems Medicine and Systems Biology. <i>Cell Systems</i> , 2017, 5, 168-175. | 2.9 | 7 |
| 21 | Protocol for regional implementation of community-based collaborative management of complex chronic patients. <i>Npj Primary Care Respiratory Medicine</i> , 2017, 27, 44. | 1.1 | 10 |
| 22 | Proposals for enhanced health risk assessment and stratification in an integrated care scenario. <i>BMJ Open</i> , 2016, 6, e010301. | 0.8 | 61 |
| 23 | From comorbidities of chronic obstructive pulmonary disease to identification of shared molecular mechanisms by data integration. <i>BMC Bioinformatics</i> , 2016, 17, 441. | 1.2 | 20 |
| 24 | Protocol for regional implementation of collaborative lung function testing. <i>Npj Primary Care Respiratory Medicine</i> , 2016, 26, 16024. | 1.1 | 4 |
| 25 | ChainRank, a chain prioritisation method for contextualisation of biological networks. <i>BMC Bioinformatics</i> , 2016, 17, 17. | 1.2 | 38 |
| 26 | Effects of interval and continuous exercise training on autonomic cardiac function in <sc>COPD</sc> patients. <i>Clinical Respiratory Journal</i> , 2016, 10, 83-89. | 0.6 | 17 |
| 27 | From Systems Understanding to Personalized Medicine: Lessons and Recommendations Based on a Multidisciplinary and Translational Analysis of COPD. <i>Methods in Molecular Biology</i> , 2016, 1386, 283-303. | 0.4 | 10 |
| 28 | Non-anaemic iron deficiency impairs response to pulmonary rehabilitation in <sc>COPD</sc>. <i>Respirology</i> , 2015, 20, 1089-1095. | 1.3 | 40 |
| 29 | Effectiveness of community-based integrated care in frail COPD patients: a randomised controlled trial. <i>Npj Primary Care Respiratory Medicine</i> , 2015, 25, 15022. | 1.1 | 53 |
| 30 | Pulmonary hemodynamic profile in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2015, 10, 1313. | 0.9 | 56 |
| 31 | Oxidative stress, redox signaling pathways, and autophagy in cachectic muscles of male patients with advanced COPD and lung cancer. <i>Free Radical Biology and Medicine</i> , 2015, 79, 91-108. | 1.3 | 127 |
| 32 | Normativa SEPAR sobre disfunci3n muscular de los pacientes con enfermedad pulmonar obstructiva cr3nica. <i>Archivos De Bronconeumologia</i> , 2015, 51, 384-395. | 0.4 | 71 |
| 33 | Assessment of health status and program performance in patients on long-term oxygen therapy. <i>Respiratory Medicine</i> , 2015, 109, 500-509. | 1.3 | 18 |
| 34 | Optimized pacing mode for hypertrophic cardiomyopathy: Impact of ECG fusion during pacing. <i>Heart Rhythm</i> , 2015, 12, 909-916. | 0.3 | 9 |
| 35 | An adaptive case management system to support integrated care services: Lessons learned from the NEXES project. <i>Journal of Biomedical Informatics</i> , 2015, 55, 11-22. | 2.5 | 43 |
| 36 | Integrated care services: lessons learned from the deployment of the NEXES project. <i>International Journal of Integrated Care</i> , 2015, 15, e006. | 0.1 | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Circulating Progenitor Cells and Vascular Dysfunction in Chronic Obstructive Pulmonary Disease. PLoS ONE, 2014, 9, e106163. | 1.1 | 43 |
| 38 | Determinants of exercise capacity in obese and non-obese COPD patients. Respiratory Medicine, 2014, 108, 745-751. | 1.3 | 24 |
| 39 | A systems biology approach reveals a link between systemic cytokines and skeletal muscle energy metabolism in a rodent smoking model and human COPD. Genome Medicine, 2014, 6, 59. | 3.6 | 20 |
| 40 | Clinical Decision Support Systems (CDSS) for preventive management of COPD patients. Journal of Translational Medicine, 2014, 12, S9. | 1.8 | 71 |
| 41 | Oxygen Pathway Modeling Estimates High Reactive Oxygen Species Production above the Highest Permanent Human Habitation. PLoS ONE, 2014, 9, e111068. | 1.1 | 14 |
| 42 | Algorithm for Automatic Forced Spirometry Quality Assessment: Technological Developments. PLoS ONE, 2014, 9, e116238. | 1.1 | 15 |
| 43 | Clinical Decision Support System to Enhance Quality Control of Spirometry Using Information and Communication Technologies. JMIR Medical Informatics, 2014, 2, e29. | 1.3 | 15 |
| 44 | Telemedicine enhances quality of forced spirometry in primary care. European Respiratory Journal, 2012, 39, 1313-1318. | 3.1 | 61 |
| 45 | Plasma metabolic profile in COPD patients: effects of exercise and endurance training. Metabolomics, 2012, 8, 508-516. | 1.4 | 37 |
| 46 | Pulmonary Gas Exchange and Sputum Cellular Responses to Inhaled Leukotriene D4 in Asthma. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 202-206. | 2.5 | 32 |
| 47 | Oscillatory Resistance Measured during Noninvasive Proportional Assist Ventilation. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 790-794. | 2.5 | 31 |
| 48 | Inflammatory Reaction in Pulmonary Muscular Arteries of Patients with Mild Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1605-1611. | 2.5 | 233 |
| 49 | Pulmonary Function Tests and CT Scan in the Management of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 431-436. | 2.5 | 106 |
| 50 | Endothelial dysfunction in pulmonary arteries of patients with mild COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 274, L908-L913. | 1.3 | 200 |
| 51 | Increase in Pulmonary Ventilation-Perfusion Inequality with Age in Healthy Individuals. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 648-653. | 2.5 | 137 |
| 52 | Inhibition of PAF-induced Gas Exchange Defects by Beta-adrenergic Agonists in Mild Asthma Is Not Due to Bronchodilation. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 17-22. | 2.5 | 24 |
| 53 | Ventilation-Perfusion Mismatch in Patients with Pleural Effusion. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 1205-1209. | 2.5 | 109 |
| 54 | Nitric Oxide Inhalation During Exercise in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 800-806. | 2.5 | 84 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Nebulized Glutathione Induces Bronchoconstriction in Patients with Mild Asthma. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 425-430. | 2.5 | 72 |
| 56 | HLA Class II Genes in Soybean Epidemic Asthma Patients. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 1394-1398. | 2.5 | 34 |
| 57 | Effects of Noninvasive Ventilation on Pulmonary Gas Exchange and Hemodynamics during Acute Hypercapnic Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 1840-1845. | 2.5 | 154 |
| 58 | Mechanisms of Abnormal Gas Exchange in Patients with Pneumonia. Anesthesiology, 1991, 75, 782-789. | 1.3 | 54 |