# Rute Almeida

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9693505/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 72 papers | 2,433 citations | 430874 18 h-index | 345221 36 g-index |
| 77 all docs | 77 docs citations | 77 times ranked | 2551 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | What Do Physicians Think About the Use of Telemedicine to Recruit and Assess Participants in mHealth-Related Clinical Studies as a Consequence of the COVID-19 Pandemic?. Telemedicine Journal and E-Health, 2022, 28, 1386-1392. | 2.8 | 1 |
| 2 | Development and validation of combined symptomâ€•medication scores for allergic rhinitis*. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2147-2162. | 5.7 | 32 |
| 3 | Development and Validation of a Digital Image Processing-Based Pill Detection Tool for an Oral Medication Self-Monitoring System. Sensors, 2022, 22, 2958. | 3.8 | 4 |
| 4 | Validation of App and Phone Versions of the Control of Allergic Rhinitis and Asthma Test (CARAT). Journal of Investigational Allergology and Clinical Immunology, 2021, 31, 270-273. | 1.3 | 8 |
| 5 | ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 168-190. | 5.7 | 46 |
| 6 | Profiling Persistent Asthma Phenotypes in Adolescents: A Longitudinal Diagnostic Evaluation from the INSPIRERS Studies. International Journal of Environmental Research and Public Health, 2021, 18, 1015. | 2.6 | 5 |
| 7 | DEVELOPMENT OF A MOBILE HEALTH APP FOR THE MANAGEMENT OF HYPERTENSION, INCLUDING TREATMENT ADHERENCE ASSESSMENT, USING IMAGE DETECTION TECHNOLOGY â€“ INSPIRERS-HTN. Journal of Hypertension, 2021, 39, e380. | 0.5 | 3 |
| 8 | InspirerMundiâ€”Remote Monitoring of Inhaled Medication Adherence through Objective Verification Based on Combined Image Processing Techniques. Methods of Information in Medicine, 2021, 60, e9-e19. | 1.2 | 7 |
| 9 | Feasibility and Acceptability of an Asthma App to Monitor Medication Adherence: Mixed Methods Study. JMIR MHealth and UHealth, 2021, 9, e26442. | 3.7 | 16 |
| 10 | Lung Auscultation Using the Smartphoneâ€”Feasibility Study in Real-World Clinical Practice. Sensors, 2021, 21, 4931. | 3.8 | 7 |
| 11 | Monitoring Adherence to Asthma Inhalers Using the InspirerMundi App: Analysis of Real-World, Medium-Term Feasibility Studies. Frontiers in Medical Technology, 2021, 3, 649506. | 2.5 | 6 |
| 12 | Determinants of the Use of Health and Fitness Mobile Apps by Patients With Asthma: Secondary Analysis of Observational Studies. Journal of Medical Internet Research, 2021, 23, e25472. | 4.3 | 8 |
| 13 | mHealth to Securely Coach Chronic Patients. IFMBE Proceedings, 2021, , 805-813. | 0.3 | 1 |
| 14 | Plateau Waves of Intracranial Pressure and Autonomic Stress Analysis. , 2020, , . | | 2 |
| 15 | Treatment of allergic rhinitis during and outside the pollen season using mobile technology. A MASK study. Clinical and Translational Allergy, 2020, 10, 62. | 3.2 | 34 |
| 16 | Correlation between work impairment, scores of rhinitis severity and asthma using the MASKâ€air<sup>Â®</sup> App. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1672-1688. | 5.7 | 32 |
| 17 | Automatic Quality Assessment of a Forced Expiratory Manoeuvre Acquired with the Tablet Microphone. IFMBE Proceedings, 2020, , 1394-1398. | 0.3 | 0 |
| 18 | How Secure Is Your Mobile Health?. IFMBE Proceedings, 2020, , 1377-1384. | 0.3 | 0 |

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|---|---|---|---|
| 19 | Combined Image-Based Approach for Monitoring the Adherence to Inhaled Medications. IFMBE Proceedings, 2020, , 1399-1404. | 0.3 | 0 |
| 20 | Feasibility of an asthma app to monitor medication adherence. , 2020, , . | | 0 |
| 21 | Identification of clusters of asthma control: A preliminary analysis of the Inspirers studies. Revista Portuguesa De Imunoalergologia, 2020, 28, . | 0.1 | 0 |
| 22 | The use of remote care during the coronavirus disease 2019 pandemic a perspective of Portuguese and Spanish physicians. European Annals of Allergy and Clinical Immunology, 2020, , . | 1.0 | 1 |
| 23 | Latent classes of adults with persistent asthma: data from the multicentre INSPIRERS studies. , 2020, , . | | 0 |
| 24 | Patient engagement with an asthma app to improve inhaler adherence. , 2020, , . | | 0 |
| 25 | High oral corticosteroid exposure and overuse of short-acting beta-2-agonists were associated with insufficient prescribing of controller medication: a nationwide electronic prescribing and dispensing database analysis. Clinical and Translational Allergy, 2019, 9, 47. | 3.2 | 17 |
| 26 | Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. Clinical and Translational Allergy, 2019, 9, 44. | 3.2 | 87 |
| 27 | Quality assessment and feedback of Smart Device Microphone Spirometry executed by children. , 2019, , . | | 1 |
| 28 | Mobile technology offers novel insights into the control and treatment of allergic rhinitis: The MASK study. Journal of Allergy and Clinical Immunology, 2019, 144, 135-143.e6. | 2.9 | 101 |
| 29 | Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. Clinical and Translational Allergy, 2019, 9, 16. | 3.2 | 81 |
| 30 | Patient-physician discordance in assessment of adherence to inhaled controller medication: a cross-sectional analysis of two cohorts. BMJ Open, 2019, 9, e031732. | 1.9 | 21 |
| 31 | Adherence to treatment in allergic rhinitis using mobile technology. The <scp>MASK</scp> Study. Clinical and Experimental Allergy, 2019, 49, 442-460. | 2.9 | 73 |
| 32 | Disentangling the heterogeneity of allergic respiratory diseases by latent class analysis reveals novel phenotypes. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 698-708. | 5.7 | 27 |
| 33 | Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. Journal of Allergy and Clinical Immunology, 2019, 143, 864-879. | 2.9 | 103 |
| 34 | Adult Asthma Scoresâ€"Development and Validation of Multivariable Scores to Identify Asthma in Surveys. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 183-190.e6. | 3.8 | 9 |
| 35 | HOW INSPIRING IS YOUR APP? A USABILITY TAKE ON AN APP FOR ASTHMAMEDICATION ADHERENCE. , 2019, , . | | 5 |
| 36 | Validation of app and telephonic versions of the Control of Allergic Rhinitis and Asthma Test (CARAT). , 2019, , . | | 0 |

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|---|---|---|---|
| 37 | Data-driven prescription patterns in patients under maintenance treatment for respiratory diseases from the Portuguese prescription database. , 2019, , . | | 0 |
| 38 | Reproducibility of the Vivatmopro measurements for exhaled nitric oxide values. , 2019, , . | | 2 |
| 39 | Validation of Heart Rate Monitor Polar RS800 for Heart Rate Variability Analysis During Exercise. Journal of Strength and Conditioning Research, 2018, 32, 716-725. | 2.1 | 95 |
| 40 | How the Smartphone Is Changing Allergy Diagnostics. Current Allergy and Asthma Reports, 2018, 18, 69. | 5.3 | 17 |
| 41 | MASK 2017: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma multimorbidity using real-world-evidence. Clinical and Translational Allergy, 2018, 8, 45. | 3.2 | 104 |
| 42 | Geolocation with respect to personal privacy for the Allergy Diary app - a MASK study. World Allergy Organization Journal, 2018, 11, 15. | 3.5 | 33 |
| 43 | A comparison of unsupervised methods based on dichotomous data to identify clusters of airways symptoms: latent class analysis and partitioning around medoids methods.. , 2018, , . | | 1 |
| 44 | Automatic Quality Assessment of Smart Device Microphone Spirometry. , 2018, , . | | 3 |
| 45 | SABA overuse in the Portuguese prescription database. , 2018, , . | | 0 |
| 46 | Are paper-based forms and telephone interview equivalent modes of administration for the Control of Allergic Rhinitis and Asthma Test (CARAT)?. , 2018, , . | | 0 |
| 47 | ARFIMA-GARCH Modeling of HRV: Clinical Application in Acute Brain Injury. , 2017, , 451-468. | | 5 |
| 48 | Implant Stability in the Posterior Maxilla: A Controlled Clinical Trial. BioMed Research International, 2017, 2017, 1-11. | 1.9 | 26 |
| 49 | Forecasting Asthma Hospital Admissions from Remotely Sensed Environmental Data. , 2017, , . | | 2 |
| 50 | Forecasting the local risk for asthma hospitalizations from georeferenced environmental data â€“ a pilot model. , 2017, , . | | 0 |
| 51 | Heart Rate Variability in Children Submitted to Surgery. Journal of Anesthesia & Clinical Research, 2016, 7, . | 0.1 | 0 |
| 52 | Respiratory rate estimation from multilead directions, based on ECG delineation. , 2016, 2016, 3813-3816. | | 2 |
| 53 | Reliability Loss with Sampling Rate Reduction. , 2015, , . | | 0 |
| 54 | Heart rate variability during plateau waves of intracranial pressure: A pilot descriptive study. , 2015, 2015, 6142-5. | | 5 |

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|---|---|---|---|
| 55 | Independent Component Analysis (ICA) performance to bathymetric estimation using high resolution satellite data in an estuarine environment. Proceedings of SPIE, 2014, , . | 0.8 | 0 |
| 56 | Fetal QRS detection and heart rate estimation: a wavelet-based approach. Physiological Measurement, 2014, 35, 1723-1735. | 2.1 | 35 |
| 57 | Impaired T-wave amplitude adaptation to heart-rate induced by cardiac deconditioning after 5-days of head-down bed-rest. Acta Astronautica, 2013, 91, 166-172. | 3.2 | 7 |
| 58 | Heart rate and ventricular repolarization variabilities interactions modification by microgravity simulation during head-down bed rest test. , 2013, , . | | 0 |
| 59 | Microgravity effects on ventricular response to heart rate changes. , 2012, 2012, 3424-7. | | 6 |
| 60 | Respiration Effect on Wavelet-Based ECG T-Wave End Delineation Strategies. IEEE Transactions on Biomedical Engineering, 2012, 59, 1818-1828. | 4.2 | 13 |
| 61 | Respiration effect on single and multi lead ECG delineation strategies. , 2010, 2010, 3575-8. | | 4 |
| 62 | BioSigBrowser, biosignal processing interface. , 2009, , . | | 5 |
| 63 | Multilead ECG Delineation Using Spatially Projected Leads From Wavelet Transform Loops. IEEE Transactions on Biomedical Engineering, 2009, 56, 1996-2005. | 4.2 | 32 |
| 64 | QT Variability and HRV Interactions in ECG: Quantification and Reliability. IEEE Transactions on Biomedical Engineering, 2006, 53, 1317-1329. | 4.2 | 52 |
| 65 | dAMUSEâ€"A new tool for denoising and blind source separation. , 2005, 15, 400-421. | | 8 |
| 66 | Improved QT variability quantification by multilead automatic delineation. , 2005, , . | | 7 |
| 67 | A Wavelet-Based ECG Delineator: Evaluation on Standard Databases. IEEE Transactions on Biomedical Engineering, 2004, 51, 570-581. | 4.2 | 1,216 |
| 68 | A parametric model approach for quantification of short term QT variability uncorrelated with heart rate variability. , 2003, , . | | 5 |
| 69 | Tragic Vision in Romeo and Juliet (by James H. Seward). Shakespeare Quarterly, 1976, 27, 209-210. | 0.2 | 0 |
| 70 | Iquantification of the QT variability related to HRV: robustness study facing automatic delineation and noise on the ECG. , 0, , . | | 3 |
| 71 | Blind source separation using time-delayed signals. , 0, , . | | 5 |
| 72 | QRS Detection Optimization in Stress Test Recordings Using Evolutionary Algorithms. Jornadas De JÃ³venes Investigadores Del I3A, 0, 2, 14-15. | 0.0 | 1 |