

Corrado Pelaia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4424419/publications.pdf>

Version: 2024-02-01

87
papers

2,226
citations

218592

26
h-index

302012

39
g-index

90
all docs

90
docs citations

90
times ranked

2078
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Interleukin-5 in the Pathophysiology of Severe Asthma. <i>Frontiers in Physiology</i> , 2019, 10, 1514. | 1.3 | 147 |
| 2 | Lung under attack by COVID-19-induced cytokine storm: pathogenic mechanisms and therapeutic implications. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662093350. | 1.0 | 101 |
| 3 | Omalizumab, the first available antibody for biological treatment of severe asthma: more than a decade of real-life effectiveness. <i>Therapeutic Advances in Respiratory Disease</i> , 2018, 12, 175346661881019. | 1.0 | 93 |
| 4 | Benralizumab: From the Basic Mechanism of Action to the Potential Use in the Biological Therapy of Severe Eosinophilic Asthma. <i>BioMed Research International</i> , 2018, 2018, 1-9. | 0.9 | 81 |
| 5 | Severe eosinophilic asthma: from the pathogenic role of interleukin-5 to the therapeutic action of mepolizumab. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 3137-3144. | 2.0 | 70 |
| 6 | Molecular Targets for Biological Therapies of Severe Asthma. <i>Frontiers in Immunology</i> , 2020, 11, 603312. | 2.2 | 65 |
| 7 | Real-life evaluation of the clinical, functional, and hematological effects of mepolizumab in patients with severe eosinophilic asthma: Results of a single-centre observational study. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 53, 1-5. | 1.1 | 57 |
| 8 | Real-life evaluation of mepolizumab efficacy in patients with severe eosinophilic asthma, according to atopic trait and allergic phenotype. <i>Clinical and Experimental Allergy</i> , 2020, 50, 780-788. | 1.4 | 52 |
| 9 | Fluid Challenge During Anesthesia: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2018, 127, 1353-1364. | 1.1 | 48 |
| 10 | Benralizumab in the treatment of severe asthma: design, development and potential place in therapy. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 619-628. | 2.0 | 46 |
| 11 | Mepolizumab effectiveness on small airway obstruction, corticosteroid sparing and maintenance therapy step-down in real life. <i>Pulmonary Pharmacology and Therapeutics</i> , 2020, 61, 101899. | 1.1 | 46 |
| 12 | Real-life rapidity of benralizumab effects in patients with severe allergic eosinophilic asthma: Assessment of blood eosinophils, symptom control, lung function and oral corticosteroid intake after the first drug dose. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 58, 101830. | 1.1 | 44 |
| 13 | Real-life effects of benralizumab on allergic chronic rhinosinusitis and nasal polyposis associated with severe asthma. <i>International Journal of Immunopathology and Pharmacology</i> , 2020, 34, 205873842095085. | 1.0 | 43 |
| 14 | Patient-ventilator asynchrony in adult critically ill patients. <i>Minerva Anestesiologica</i> , 2019, 85, 676-688. | 0.6 | 41 |
| 15 | Interleukins 4 and 13 in Asthma: Key Pathophysiologic Cytokines and Druggable Molecular Targets. <i>Frontiers in Pharmacology</i> , 2022, 13, 851940. | 1.6 | 41 |
| 16 | Therapeutic Effects of Benralizumab Assessed in Patients with Severe Eosinophilic Asthma: Real-Life Evaluation Correlated with Allergic and Non-Allergic Phenotype Expression. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 163-173. | 1.5 | 39 |
| 17 | Real-life effectiveness of mepolizumab in patients with severe refractory eosinophilic asthma and multiple comorbidities. <i>World Allergy Organization Journal</i> , 2020, 13, 100462. | 1.6 | 38 |
| 18 | Switching from omalizumab to mepolizumab: real-life experience from Southern Italy. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662092923. | 1.0 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Mapping the SARS-CoV-2â€œHost Proteinâ€œProtein Interactome by Affinity Purification Mass Spectrometry and Proximity-Dependent Biotin Labeling: A Rational and Straightforward Route to Discover Host-Directed Anti-SARS-CoV-2 Therapeutics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 532. | 1.8 | 38 |
| 20 | Benralizumab Effectiveness in Severe Eosinophilic Asthma with and without Chronic Rhinosinusitis with Nasal Polyps: A Real-World Multicenter Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4371-4380.e4. | 2.0 | 37 |
| 21 | Recognizing, quantifying and managing patient-ventilator asynchrony in invasive and noninvasive ventilation. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 557-567. | 1.0 | 36 |
| 22 | Therapeutic Role of Tocilizumab in SARS-CoV-2-Induced Cytokine Storm: Rationale and Current Evidence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3059. | 1.8 | 36 |
| 23 | Dupilumab for the treatment of asthma. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 1565-1572. | 1.4 | 33 |
| 24 | Omalizumab lowers asthma exacerbations, oral corticosteroid intake and blood eosinophils: Results of a 5-YEAR single-centre observational study. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 54, 25-30. | 1.1 | 33 |
| 25 | Tezepelumab: A Potential New Biological Therapy for Severe Refractory Asthma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4369. | 1.8 | 33 |
| 26 | Mepolizumab effectiveness in patients with severe eosinophilic asthma and co-presence of bronchiectasis: A real-world retrospective pilot study. <i>Respiratory Medicine</i> , 2021, 185, 106491. | 1.3 | 33 |
| 27 | Role of p38 Mitogen-Activated Protein Kinase in Asthma and COPD: Pathogenic Aspects and Potential Targeted Therapies. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 1275-1284. | 2.0 | 32 |
| 28 | Uric Acid and Vascular Damage in Essential Hypertension: Role of Insulin Resistance. <i>Nutrients</i> , 2020, 12, 2509. | 1.7 | 31 |
| 29 | Short-Term Evaluation of Dupilumab Effects in Patients with Severe Asthma and Nasal Polyposis. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 1165-1172. | 1.5 | 31 |
| 30 | Electrical impedance tomography during spontaneous breathing trials and after extubation in critically ill patients at high risk for extubation failure: a multicenter observational study. <i>Annals of Intensive Care</i> , 2019, 9, 88. | 2.2 | 30 |
| 31 | Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , 2019, 11, 21. | 1.3 | 30 |
| 32 | Role of p38-mitogen-activated protein kinase in COPD: pathobiological implications and therapeutic perspectives. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 485-491. | 1.0 | 30 |
| 33 | High-flow nasal cannula oxygen therapy for outpatients undergoing flexible bronchoscopy: a randomised controlled trial. <i>Thorax</i> , 2022, 77, 58-64. | 2.7 | 30 |
| 34 | Real-Life effects of benralizumab on exacerbation number and lung hyperinflation in atopic patients with severe eosinophilic asthma. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110444. | 2.5 | 29 |
| 35 | Primary Mucosal Melanoma Presenting with a Unilateral Nasal Obstruction of the Left Inferior Turbinate. <i>Medicina (Lithuania)</i> , 2021, 57, 359. | 0.8 | 26 |
| 36 | Monoclonal Antibodies Targeting Alarmins: A New Perspective for Biological Therapies of Severe Asthma. <i>Biomedicines</i> , 2021, 9, 1108. | 1.4 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Allergy clinics in times of the SARS-CoV-2 pandemic: an integrated model. <i>Clinical and Translational Allergy</i> , 2020, 10, 23. | 1.4 | 21 |
| 38 | Type 2-High Severe Asthma with and without Bronchiectasis: A Prospective Observational Multicentre Study. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 1441-1452. | 1.5 | 21 |
| 39 | New treatments for asthma: From the pathogenic role of prostaglandin D2 to the therapeutic effects of fevipiprant. <i>Pharmacological Research</i> , 2020, 155, 104490. | 3.1 | 20 |
| 40 | Nasal Polyposis: Insights in Epithelial-Mesenchymal Transition and Differentiation of Polyp Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6878. | 1.8 | 20 |
| 41 | Adherence to omalizumab: A multicenter "real-world" study. <i>World Allergy Organization Journal</i> , 2020, 13, 100103. | 1.6 | 20 |
| 42 | Clinical relevance of understanding mitogen-activated protein kinases involved in asthma. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 501-510. | 1.0 | 20 |
| 43 | Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP. <i>Respiratory Care</i> , 2019, 64, 1231-1239. | 0.8 | 19 |
| 44 | 25-Hydroxy Vitamin D Detection Using Different Analytic Methods in Patients with Migraine. <i>Journal of Clinical Medicine</i> , 2019, 8, 895. | 1.0 | 19 |
| 45 | Oxygenation strategies during flexible bronchoscopy: a review of the literature. <i>Respiratory Research</i> , 2021, 22, 253. | 1.4 | 19 |
| 46 | Effectiveness of benralizumab in severe eosinophilic asthma: Distinct subâ€phenotypes of response identified by cluster analysis. <i>Clinical and Experimental Allergy</i> , 2022, 52, 312-323. | 1.4 | 19 |
| 47 | Single Inhaler LABA/LAMA for COPD. <i>Frontiers in Pharmacology</i> , 2019, 10, 390. | 1.6 | 18 |
| 48 | Oxygen therapy via high flow nasal cannula in severe respiratory failure caused by Sars-Cov-2 infection: a real-life observational study. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662096301. | 1.0 | 18 |
| 49 | Biological mechanisms underlying the clinical effects of allergen-specific immunotherapy in asthmatic children. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 197-204. | 1.4 | 17 |
| 50 | Gingival Crevicular Fluid Peptidome Profiling in Healthy and in Periodontal Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5270. | 1.8 | 17 |
| 51 | Effects of the first three doses of benralizumab on symptom control, lung function, blood eosinophils, oral corticosteroid intake, and nasal polyps in a patient with severe allergic asthma. <i>SAGE Open Medical Case Reports</i> , 2020, 8, 2050313X2090696. | 0.2 | 17 |
| 52 | New Onset of Eosinophilic Granulomatosis with Polyangiitis Following mRNA-Based COVID-19 Vaccine. <i>Vaccines</i> , 2022, 10, 716. | 2.1 | 17 |
| 53 | Biologics in severe asthma. <i>Minerva Medica</i> , 2022, 113, . | 0.3 | 15 |
| 54 | Clinical and economic consequences of switching from omalizumab to mepolizumab in uncontrolled severe eosinophilic asthma. <i>Scientific Reports</i> , 2021, 11, 5453. | 1.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Predictors of Renal Function Worsening in Patients with Chronic Obstructive Pulmonary Disease (COPD): A Multicenter Observational Study. <i>Nutrients</i> , 2021, 13, 2811. | 1.7 | 13 |
| 56 | Association Between Sleep Apnea and Valvular Heart Diseases. <i>Frontiers in Medicine</i> , 2021, 8, 667522. | 1.2 | 13 |
| 57 | Switch from Omalizumab to Benralizumab in Allergic Patients with Severe Eosinophilic Asthma: A Real-Life Experience from Southern Italy. <i>Biomedicines</i> , 2021, 9, 1822. | 1.4 | 13 |
| 58 | An Analytical Method for Assessing Optimal Storage Conditions of Gingival Crevicular Fluid and Disclosing a Peptide Biomarker Signature of Gingivitis by MALDI-TOF MS. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1800005. | 0.8 | 12 |
| 59 | Case Report: Acute effect of benralizumab on asthma exacerbation without concomitant corticosteroid use. <i>F1000Research</i> , 2020, 9, 637. | 0.8 | 12 |
| 60 | MALDI MS-Based Investigations for SARS-CoV-2 Detection. <i>Biochem</i> , 2021, 1, 250-278. | 0.5 | 12 |
| 61 | Real-Life Effectiveness of Mepolizumab on Forced Expiratory Flow between 25% and 75% of Forced Vital Capacity in Patients with Severe Eosinophilic Asthma. <i>Biomedicines</i> , 2021, 9, 1550. | 1.4 | 11 |
| 62 | Effect of Statins on Lung Cancer Molecular Pathways: A Possible Therapeutic Role. <i>Pharmaceuticals</i> , 2022, 15, 589. | 1.7 | 11 |
| 63 | Long-term treatment in pediatric asthma: an update on chemical pharmacotherapy. <i>Expert Opinion on Pharmacotherapy</i> , 2017, 18, 667-676. | 0.9 | 10 |
| 64 | Rapid Detection and Identification of Antimicrobial Peptide Fingerprints of Nasal Fluid by Mesoporous Silica Particles and MALDI-TOF/TOF Mass Spectrometry: From the Analytical Approach to the Diagnostic Applicability in Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4005. | 1.8 | 10 |
| 65 | Real-Life Clinical and Functional Effects of Fluticasone Furoate/Umeclidinium/Vilanterol-Combined Triple Therapy in Patients with Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 2021, 100, 127-134. | 1.2 | 10 |
| 66 | Novel Biological Therapies for Severe Asthma Endotypes. <i>Biomedicines</i> , 2022, 10, 1064. | 1.4 | 10 |
| 67 | Hexagonal Mesoporous Silica as a Rapid, Efficient and Versatile Tool for MALDI-TOF MS Sample Preparation in Clinical Peptidomics Analysis: A Pilot Study. <i>Molecules</i> , 2019, 24, 2311. | 1.7 | 8 |
| 68 | Effects of Sacubitril-Valsartan on Clinical, Echocardiographic, and Polygraphic Parameters in Patients Affected by Heart Failure With Reduced Ejection Fraction and Sleep Apnea. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 861663. | 1.1 | 8 |
| 69 | Biologics decrease psychological distress, anxiety and depression in severe asthma, despite Covid-19 pandemic. <i>Respiratory Medicine</i> , 2022, 200, 106916. | 1.3 | 8 |
| 70 | Biological Therapy of Severe Asthma with Dupilumab, a Dual Receptor Antagonist of Interleukins 4 and 13. <i>Vaccines</i> , 2022, 10, 974. | 2.1 | 7 |
| 71 | Mechanical ventilation in brain injured patients: seeing the forest for the trees. <i>Journal of Thoracic Disease</i> , 2017, 9, 3483-3487. | 0.6 | 6 |
| 72 | Phenotyping severe asthma: a rationale for biologic therapy. <i>Expert Review of Precision Medicine and Drug Development</i> , 2020, 5, 265-274. | 0.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Basophil activation test for <i>Staphylococcus aureus</i> enterotoxins in severe asthmatic patients. <i>Clinical and Experimental Allergy</i> , 2021, 51, 536-545. | 1.4 | 6 |
| 74 | <i>S. aureus</i> and IgE-mediated diseases: pilot or copilot? A narrative review. <i>Expert Review of Clinical Immunology</i> , 2022, 18, 639-647. | 1.3 | 6 |
| 75 | Case Report: Acute effect of benralizumab on asthma exacerbation without concomitant corticosteroid use. <i>F1000Research</i> , 2020, 9, 637. | 0.8 | 5 |
| 76 | Indacaterol/glycopyrronium/mometasone fixed dose combination for uncontrolled asthma. <i>Expert Review of Respiratory Medicine</i> , 2022, 16, 183-195. | 1.0 | 5 |
| 77 | Mepolizumab Effectiveness and Allergic Status in Real Life. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 311-318. | 0.9 | 4 |
| 78 | Extended nitric oxide analysis in patients with chronic rhinosinusitis with nasal polyps, with or without associated asthma. <i>Journal of Breath Research</i> , 2021, 15, 016007. | 1.5 | 4 |
| 79 | Role of Vitamin D in Cardiovascular Diseases. <i>Endocrines</i> , 2021, 2, 417-426. | 0.4 | 3 |
| 80 | Intrinsic Laryngeal Lipoma Treated with Transoral CO ₂ , Laser Microsurgery: An Unusual Case Report. <i>American Journal of Case Reports</i> , 2020, 21, e920528. | 0.3 | 3 |
| 81 | Current Practice of High Flow through Nasal Cannula in Exacerbated COPD Patients. <i>Healthcare (Switzerland)</i> , 2022, 10, 536. | 1.0 | 3 |
| 82 | Evolution of the Clinical Profile and Outcomes of Unvaccinated Patients Affected by Critical COVID-19 Pneumonia from the Pre-Vaccination to the Post-Vaccination Waves in Italy. <i>Pathogens</i> , 2022, 11, 793. | 1.2 | 3 |
| 83 | Pharmacotherapeutic strategies for critical asthma syndrome: a look at the state of the art. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 1505-1515. | 0.9 | 2 |
| 84 | Nurse led protocols for control of glycaemia in critically ill patients: A systematic review. <i>Intensive and Critical Care Nursing</i> , 2022, 71, 103247. | 1.4 | 2 |
| 85 | Intraoperative protective ventilation in patients undergoing major neurosurgical interventions: a randomized clinical trial. <i>BMC Anesthesiology</i> , 2021, 21, 184. | 0.7 | 1 |
| 86 | Asthma Control during COVID-19 Lockdown in Patients with Severe Asthma under Biological Drug Treatment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12089. | 1.3 | 1 |
| 87 | Speech outcome in tongue cancer surgery: objective evaluation by acoustic analysis software. <i>Romanian Journal of Rhinology</i> , 2021, 11, 143-152. | 0.1 | 0 |