

# Raju C Reddy

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,290  
citations

201674

27  
h-index

302126

39  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3613  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Differential Protein Expression Profiling by iTRAQ <sup>®</sup> 2DLC <sup>®</sup> MS/MS of Lung Cancer Cells Undergoing Epithelial-Mesenchymal Transition Reveals a Migratory/Invasive Phenotype. <i>Journal of Proteome Research</i> , 2006, 5, 1143-1154.                                     | 3.7 | 258       |
| 2  | Peroxisome proliferator-activated receptor- $\beta$ activation inhibits tumor progression in non-small-cell lung cancer. <i>Oncogene</i> , 2004, 23, 100-108.   | 5.9 | 190       |
| 3  | PPAR- $\beta$ agonists inhibit profibrotic phenotypes in human lung fibroblasts and bleomycin-induced pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L891-L901.  | 2.9 | 182       |
| 4  | Peroxisome Proliferator-activated Receptor- $\beta$ as a Regulator of Lung Inflammation and Repair. <i>Proceedings of the American Thoracic Society</i> , 2005, 2, 226-231.   | 3.5 | 122       |
| 5  | Leukotriene B4 Is a Physiologically Relevant Endogenous Peroxisome Proliferator-activated Receptor- $\beta$ Agonist. <i>Journal of Biological Chemistry</i> , 2010, 285, 22067-22074.   | 3.4 | 104       |
| 6  | PPAR- $\beta$ Activation Inhibits Angiogenesis by Blocking ELR+CXC Chemokine Production in Non-small Cell Lung Cancer. <i>Neoplasia</i> , 2005, 7, 294-301.   | 5.3 | 98        |
| 7  | Sepsis-induced inhibition of neutrophil chemotaxis is mediated by activation of peroxisome proliferator-activated receptor- $\beta$ . <i>Blood</i> , 2008, 112, 4250-4258.  | 1.4 | 87        |
| 8  | Effects of sepsis on neutrophil chemotaxis. <i>Current Opinion in Hematology</i> , 2010, 17, 18-24.   | 2.5 | 85        |
| 9  | Bidirectional interaction of airway epithelial remodeling and inflammation in asthma. <i>Clinical Science</i> , 2020, 134, 1063-1079.   | 4.3 | 76        |
| 10 | Deactivation of murine alveolar macrophages by peroxisome proliferator-activated receptor- $\beta$ ligands. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L613-L619.  | 2.9 | 69        |
| 11 | Nitrated fatty acids reverse pulmonary fibrosis by dedifferentiating myofibroblasts and promoting collagen uptake by alveolar macrophages. <i>FASEB Journal</i> , 2014, 28, 5299-5310.  | 0.5 | 66        |
| 12 | Down-regulated Peroxisome Proliferator-activated Receptor $\beta$ (PPAR $\beta$ ) in Lung Epithelial Cells Promotes a PPAR $\beta$ Agonist-reversible Proinflammatory Phenotype in Chronic Obstructive Pulmonary Disease (COPD). <i>Journal of Biological Chemistry</i> , 2014, 289, 6383-6393. | 3.4 | 63        |
| 13 | Immunomodulatory Role of PPAR- $\beta$ in Alveolar Macrophages. <i>Journal of Investigative Medicine</i> , 2008, 56, 522-527.   | 1.6 | 62        |
| 14 | The Effects of Bariatric Surgery on Asthma Severity. <i>Obesity Surgery</i> , 2011, 21, 200-206.  | 2.1 | 55        |
| 15 | Endothelial Cell Peroxisome Proliferator-Activated Receptor $\beta$ Reduces Endotoxemic Pulmonary Inflammation and Injury. <i>Journal of Immunology</i> , 2012, 189, 5411-5420.   | 0.8 | 53        |
| 16 | PPARs: Key Regulators of Airway Inflammation and Potential Therapeutic Targets in Asthma. <i>Nuclear Receptor Research</i> , 2018, 5, .   | 2.5 | 51        |
| 17 | Pioglitazone is as effective as dexamethasone in a cockroach allergen-induced murine model of asthma. <i>Respiratory Research</i> , 2007, 8, 90.  | 3.6 | 44        |
| 18 | Transforming growth factor $\beta$ 2 suppresses peroxisome proliferator-activated receptor $\beta$ expression via both SMAD binding and novel TGF- $\beta$ 2 inhibitory elements. <i>Biochemical Journal</i> , 2017, 474, 1531-1546.  | 3.7 | 44        |

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|----|---|-----|-----------|
| 19 | Emerging pharmaceutical therapies for COPD. International Journal of COPD, 2017, Volume 12, 2141-2156.  | 2.3 | 44        |
| 20 | PPAR Agonists for the Prevention and Treatment of Lung Cancer. PPAR Research, 2017, 2017, 1-8.  | 2.4 | 44        |
| 21 | Chemotherapeutic Drugs Induce PPAR- $\beta$ Expression and Show Sequence-Specific Synergy with PPAR- $\beta$ Ligands in Inhibition of Non-Small Cell Lung Cancer. Neoplasia, 2008, 10, 597-603.                     | 5.3 | 42        |
| 22 | Effects of JAM-A deficiency or blocking antibodies on neutrophil migration and lung injury in a murine model of ALL. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L758-L766. | 2.9 | 40        |
| 23 | Role of GPx3 in PPAR- $\beta$ -induced protection against COPD-associated oxidative stress. Free Radical Biology and Medicine, 2018, 126, 350-357.  | 2.9 | 40        |
| 24 | The Nitrated Fatty Acid 10-Nitro-Oleate Attenuates Allergic Airway Disease. Journal of Immunology, 2013, 191, 2053-2063.  | 0.8 | 39        |
| 25 | PPAR- $\beta$ as a Novel Therapeutic Target in Lung Cancer. PPAR Research, 2016, 2016, 1-7.   | 2.4 | 37        |
| 26 | Nrf2 and PPAR- $\beta$ . American Journal of Respiratory and Critical Care Medicine, 2010, 182, 134-135.  | 5.6 | 36        |
| 27 | Murine Model of Allergen Induced Asthma. Journal of Visualized Experiments, 2012, , e3771.  | 0.3 | 35        |
| 28 | Key Functions and Therapeutic Prospects of Nur77 in Inflammation Related Lung Diseases. American Journal of Pathology, 2019, 189, 482-491.  | 3.8 | 33        |
| 29 | Airway Epithelial Cell Peroxisome Proliferator-Activated Receptor- $\beta$ Regulates Inflammation and Mucin Expression in Allergic Airway Disease. Journal of Immunology, 2018, 201, 1775-1783.                     | 0.8 | 29        |
| 30 | The Nitrated Fatty Acid 10-Nitro-oleate Diminishes Severity of LPS-Induced Acute Lung Injury in Mice. PPAR Research, 2012, 2012, 1-12.  | 2.4 | 24        |
| 31 | Stimulatory Effects of Peroxisome Proliferator-Activated Receptor- $\beta$ on Fc $\gamma$ Receptor-Mediated Phagocytosis by Alveolar Macrophages. PPAR Research, 2007, 2007, 1-8.                                   | 2.4 | 22        |
| 32 | Molecular, chemical, and structural characterization of prostaglandin A2 as a novel agonist for Nur77. Biochemical Journal, 2019, 476, 2757-2767.   | 3.7 | 22        |
| 33 | PPAR- $\beta$ in Bacterial Infections: A Friend or Foe?. PPAR Research, 2016, 2016, 1-7.  | 2.4 | 21        |
| 34 | Curcumin is not a ligand for peroxisome proliferator-activated receptor- $\beta$ . Gene Therapy and Molecular Biology, 2009, 13, 20-25.   | 1.3 | 19        |
| 35 | Nitrated Fatty Acids Reverse Cigarette Smoke-Induced Alveolar Macrophage Activation and Inhibit Protease Activity via Electrophilic S-Alkylation. PLoS ONE, 2016, 11, e0153336.                                     | 2.5 | 18        |
| 36 | Glucocorticoid Receptor- $\beta$ Mediates Roflumilast's Ability to Restore Dexamethasone Sensitivity in COPD. International Journal of COPD, 2020, Volume 15, 125-134.  | 2.3 | 12        |

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|----|---|-----|-----------|
| 37 | Identification and Molecular Characterization of Peroxisome Proliferator-Activated Receptor $\delta$ as a Novel Target for Covalent Modification by 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J <sub>2</sub> . ACS Chemical Biology, 2018, 13, 3269-3278. | 3.4 | 10        |
| 38 | Cigarette smoke downregulates Nur77 to exacerbate inflammation in chronic obstructive pulmonary disease (COPD). PLoS ONE, 2020, 15, e0229256.   | 2.5 | 8         |
| 39 | PPARs: Regulators and Translational Targets in the Lung. PPAR Research, 2012, 2012, 1-2.  | 2.4 | 6         |