

# Rocio Martinez-Nunez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8381593/publications.pdf>

Version: 2024-02-01

28  
papers

2,695  
citations

471509

17  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

7223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal observation and decline of neutralizing antibody responses in the three months following SARS-CoV-2 infection in humans. <i>Nature Microbiology</i> , 2020, 5, 1598-1607.	13.3	1,115
2	The Interleukin 13 (IL-13) Pathway in Human Macrophages Is Modulated by MicroRNA-155 via Direct Targeting of Interleukin 13 Receptor $\beta 1$ (IL13R $\beta 1$ ). <i>Journal of Biological Chemistry</i> , 2011, 286, 1786-1794.	3.4	281
3	MicroRNA-155 Modulates the Pathogen Binding Ability of Dendritic Cells (DCs) by Down-regulation of DC-specific Intercellular Adhesion Molecule-3 Grabbing Non-integrin (DC-SIGN). <i>Journal of Biological Chemistry</i> , 2009, 284, 16334-16342.	3.4	206
4	MicroRNA-155 Targets SMAD2 and Modulates the Response of Macrophages to Transforming Growth Factor- $\beta 2$ . <i>Journal of Biological Chemistry</i> , 2010, 285, 41328-41336.	3.4	182
5	Comparative assessment of multiple COVID-19 serological technologies supports continued evaluation of point-of-care lateral flow assays in hospital and community healthcare settings. <i>PLoS Pathogens</i> , 2020, 16, e1008817.	4.7	105
6	Frac-seq reveals isoform-specific recruitment to polyribosomes. <i>Genome Research</i> , 2013, 23, 1615-1623.	5.5	93
7	A MicroRNA Network Dysregulated in Asthma Controls IL-6 Production in Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e111659.	2.5	64
8	Estimates of the rate of infection and asymptomatic COVID-19 disease in a population sample from SE England. <i>Journal of Infection</i> , 2020, 81, 931-936.	3.3	59
9	Toll-like Receptor 7 Is Reduced in Severe Asthma and Linked to an Altered MicroRNA Profile. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 26-37.	5.6	55
10	MicroRNA-31 and MicroRNA-155 Are Overexpressed in Ulcerative Colitis and Regulate IL-13 Signaling by Targeting Interleukin 13 Receptor $\beta 1$ . <i>Genes</i> , 2018, 9, 85.	2.4	49
11	Structural Requirements for Multimerization of the Pathogen Receptor Dendritic Cell-specific ICAM3-grabbing Non-integrin (CD209) on the Cell Surface. <i>Journal of Biological Chemistry</i> , 2008, 283, 3889-3903.	3.4	40
12	Genome-Wide Posttranscriptional Dysregulation by MicroRNAs in Human Asthma as Revealed by Frac-seq. <i>Journal of Immunology</i> , 2018, 201, 251-263.	0.8	28
13	Modulation of nonsense mediated decay by rapamycin. <i>Nucleic Acids Research</i> , 2017, 45, 3448-3459.	14.5	26
14	Real-world evaluation of a novel technology for quantitative simultaneous antibody detection against multiple SARS-CoV-2 antigens in a cohort of patients presenting with COVID-19 syndrome. <i>Analyst</i> , 2020, 145, 5638-5646.	3.5	26
15	Resilient SARS-CoV-2 diagnostics workflows including viral heat inactivation. <i>PLoS ONE</i> , 2021, 16, e0256813.	2.5	23
16	Small RNA Species and microRNA Profiles are Altered in Severe Asthma Nanovesicles from Broncho Alveolar Lavage and Associate with Impaired Lung Function and Inflammation. <i>Non-coding RNA</i> , 2019, 5, 51.	2.6	21
17	The novel RUNX3/p33 isoform is induced upon monocyte-derived dendritic cell maturation and downregulates IL-8 expression. <i>Immunobiology</i> , 2010, 215, 812-820.	1.9	19
18	AM3 Modulates Dendritic Cell Pathogen Recognition Capabilities by Targeting DC-SIGN. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2313-2323.	3.2	15

#	ARTICLE	IF	CITATIONS
19	Studying Isoform-Specific mRNA Recruitment to Polyribosomes with Frac-seq. <i>Methods in Molecular Biology</i> , 2016, 1358, 99-108.	0.9	13
20	MicroRNA23a Overexpression in Crohn's Disease Targets Tumour Necrosis Factor Alpha Inhibitor Protein 3, Increasing Sensitivity to TNF and Modifying the Epithelial Barrier. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 381-392.	1.3	8
21	Translational Research in the Time of COVID-19 "Dissolving Boundaries. <i>PLoS Pathogens</i> , 2020, 16, e1008898.	4.7	7
22	Drug repurposing based on a quantum-inspired method versus classical fingerprinting uncovers potential antivirals against SARS-CoV-2. <i>PLoS Computational Biology</i> , 2022, 18, e1010330.	3.2	7
23	miR-155-overexpressing monocytes resemble HLAhighSG15+ synovial tissue macrophages from patients with rheumatoid arthritis and induce polyfunctional CD4+ T-cell activation. <i>Clinical and Experimental Immunology</i> , 2022, 207, 188-198.	2.6	6
24	Cellular and molecular mechanisms of IMMunE dysfunction and Recovery from SEpsis-related critical illness in adults: An observational cohort study (IMMERSE) protocol paper. <i>Journal of the Intensive Care Society</i> , 2022, 23, 318-324.	2.2	5
25	Tackling the global impact of substandard and falsified and unregistered/unlicensed anti-tuberculosis medicines. , 2022, 6, 239920262110704.		4
26	Homebrew: An economical and sensitive glassmilk-based nucleic-acid extraction method for SARS-CoV-2 diagnostics. <i>Cell Reports Methods</i> , 2022, 2, 100186.	2.9	4
27	Homebrew: Protocol for glassmilk-based nucleic-acid extraction for SARS-CoV-2 diagnostics. <i>STAR Protocols</i> , 2022, 3, 101300.	1.2	2
28	K <sub>v</sub> 1.5 channel downregulation in pulmonary hypertension is nothing short of miraculous!. <i>Journal of Physiology</i> , 2019, 597, 989-990.	2.9	1