

Rocio Martinez-Nunez

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,695
citations

535685

17
h-index

591227

27
g-index

35
all docs

35
docs citations

35
times ranked

7715
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	5
2	Tackling the global impact of substandard and falsified and unregistered/unlicensed anti-tuberculosis medicines. , 2022, 6, 239920262110704.		4
3	Homebrew: An economical and sensitive glassmilk-based nucleic-acid extraction method for SARS-CoV-2 diagnostics. <i>Cell Reports Methods</i> , 2022, 2, 100186.	1.4	4
4	Homebrew: Protocol for glassmilk-based nucleic-acid extraction for SARS-CoV-2 diagnostics. <i>STAR Protocols</i> , 2022, 3, 101300.	0.5	2
5	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.	1.1	6
6	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.	1.5	7
7	Resilient SARS-CoV-2 diagnostics workflows including viral heat inactivation. <i>PLoS ONE</i> , 2021, 16, e0256813.	1.1	23
8	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.	0.6	8
9	Translational Research in the Time of COVID-19 "Dissolving Boundaries. <i>PLoS Pathogens</i> , 2020, 16, e1008898.	2.1	7
10	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.	5.9	1,115
11	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.	2.1	105
12	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.	1.7	59
13	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> , The, 2020, 145, 5638-5646.	1.7	26
14	K _v 1.5 channel downregulation in pulmonary hypertension is nothing short of miraculous!. <i>Journal of Physiology</i> , 2019, 597, 989-990.	1.3	1
15	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.	1.3	21
16	Genome-Wide Posttranscriptional Dysregulation by MicroRNAs in Human Asthma as Revealed by Frac-seq. <i>Journal of Immunology</i> , 2018, 201, 251-263.	0.4	28
17	MicroRNA-31 and MicroRNA-155 Are Overexpressed in Ulcerative Colitis and Regulate IL-13 Signaling by Targeting Interleukin 13 Receptor β -1. <i>Genes</i> , 2018, 9, 85.	1.0	49
18	Modulation of nonsense mediated decay by rapamycin. <i>Nucleic Acids Research</i> , 2017, 45, 3448-3459.	6.5	26

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19	Toll-like Receptor 7 Is Reduced in Severe Asthma and Linked to an Altered MicroRNA Profile. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 26-37.	2.5	55
20	Studying Isoform-Specific mRNA Recruitment to Polyribosomes with Frac-seq. Methods in Molecular Biology, 2016, 1358, 99-108.	0.4	13
21	A MicroRNA Network Dysregulated in Asthma Controls IL-6 Production in Bronchial Epithelial Cells. PLoS ONE, 2014, 9, e111659.	1.1	64
22	Frac-seq reveals isoform-specific recruitment to polyribosomes. Genome Research, 2013, 23, 1615-1623.	2.4	93
23	The Interleukin 13 (IL-13) Pathway in Human Macrophages Is Modulated by MicroRNA-155 via Direct Targeting of Interleukin 13 Receptor $\beta 1$ (IL13R $\beta 1$). Journal of Biological Chemistry, 2011, 286, 1786-1794.	1.6	281
24	MicroRNA-155 Targets SMAD2 and Modulates the Response of Macrophages to Transforming Growth Factor- $\beta 2$. Journal of Biological Chemistry, 2010, 285, 41328-41336.	1.6	182
25	The novel RUNX3/p33 isoform is induced upon monocyte-derived dendritic cell maturation and downregulates IL-8 expression. Immunobiology, 2010, 215, 812-820.	0.8	19
26	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). Journal of Biological Chemistry, 2009, 284, 16334-16342.	1.6	206
27	Structural Requirements for Multimerization of the Pathogen Receptor Dendritic Cell-specific ICAM3-grabbing Non-integrin (CD209) on the Cell Surface. Journal of Biological Chemistry, 2008, 283, 3889-3903.	1.6	40
28	AM3 Modulates Dendritic Cell Pathogen Recognition Capabilities by Targeting DC-SIGN. Antimicrobial Agents and Chemotherapy, 2007, 51, 2313-2323.	1.4	15