Ana S Gonzalez-Reiche

List of Publications by Year
in descending order

48 papers	3,208 citations	361045 20 h-index	243296 44 g-index
67 all docs	67 docs citations	67 times ranked	5911 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. Nature, 2022, 603, 687-692.	13.7	475
2	Activity of convalescent and vaccine serum against SARS-CoV-2 Omicron. Nature, 2022, 602, 682-688.	13.7	395
3	Shedding of Viable SARS-CoV-2 after Immunosuppressive Therapy for Cancer. New England Journal of Medicine, 2020, 383, 2586-2588.	13.9	356
4	Introductions and early spread of SARS-CoV-2 in the New York City area. Science, 2020, 369, 297-301.	6.0	356
5	Mutations in SARS-CoV-2 variants of concern link to increased spike cleavage and virus transmission. Cell Host and Microbe, 2022, 30, 373-387.e7.	5.1	138
6	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. Gastroenterology, 2021, 160, 2435-2450.e34.	0.6	118
7	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	13.7	117
8	Contribution of SARS-CoV-2 Accessory Proteins to Viral Pathogenicity in K18 Human ACE2 Transgenic Mice. Journal of Virology, 2021, 95, e0040221.	1.5	97
9	SARS-CoV-2 Transmission among Marine Recruits during Quarantine. New England Journal of Medicine, 2020, 383, 2407-2416.	13.9	94
10	MicroRNA-based strategy to mitigate the risk of gain-of-function influenza studies. Nature Biotechnology, 2013, 31, 844-847.	9.4	77
11	A household case evidences shorter shedding of SARS-CoV-2 in naturally infected cats compared to their human owners. Emerging Microbes and Infections, 2021, 10, 376-383.	3.0	74
12	Activity of convalescent and vaccine serum against SARS-CoV-2 Omicron. Nature, 0, , .	13.7	56
13	Limited intestinal inflammation despite diarrhea, fecal viral RNA and SARS-CoV-2-specific IgA in patients with acute COVID-19. Scientific Reports, 2021, 11, 13308.	1.6	50
14	Evidence for retained spike-binding and neutralizing activity against emerging SARS-CoV-2 variants in serum of COVID-19 mRNA vaccine recipients. EBioMedicine, 2021, 73, 103626.	2.7	43
15	Integrated Transcriptome and Network Analysis Reveals Spatiotemporal Dynamics of Calvarial Suturogenesis. Cell Reports, 2020, 32, 107871.	2.9	42
16	Influenza A Viruses from Wild Birds in Guatemala Belong to the North American Lineage. PLoS ONE, 2012, 7, e32873.	1.1	39
17	Evidence for Seasonal Patterns in the Relative Abundance of Avian Influenza Virus Subtypes in Blue-Winged Teal (Anas discors). Journal of Wildlife Diseases, 2014, 50, 916-922.	0.3	36
18	Flexibility In Vitro of Amino Acid 226 in the Receptor-Binding Site of an H9 Subtype Influenza A Virus and Its Effect In Vivo on Virus Replication, Tropism, and Transmission. Journal of Virology, 2019, 93, .	1.5	34

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19	The arrival and spread of SARSâ€CoVâ€2 in Colombia. Journal of Medical Virology, 2021, 93, 1158-1163.	2.5	33
20	FaceBase 3: analytical tools and FAIR resources for craniofacial and dental research. Development (Cambridge), 2020, 147, .	1.2	25
21	Genomic Characterization of H14 Subtype Influenza A Viruses in New World Waterfowl and Experimental Infectivity in Mallards (Anas platyrhynchos). PLoS ONE, 2014, 9, e95620.	1.1	23
22	Where Do Avian Influenza Viruses Meet in the Americas?. Avian Diseases, 2012, 56, 1025-1033.	0.4	22
23	Plasmid-Based Reverse Genetics of Influenza A Virus. Methods in Molecular Biology, 2017, 1602, 251-273.	0.4	22
24	All-in-One Bacmids: an Efficient Reverse Genetics Strategy for Influenza A Virus Vaccines. Journal of Virology, 2014, 88, 10013-10025.	1.5	20
25	Plasticity of Amino Acid Residue 145 Near the Receptor Binding Site of H3 Swine Influenza A Viruses and Its Impact on Receptor Binding and Antibody Recognition. Journal of Virology, 2019, 93, .	1.5	19
26	Improved detection of influenza A virus from blueâ€winged teals by sequencing directly from swab material. Ecology and Evolution, 2019, 9, 6534-6546.	0.8	18
27	Molecular evidence of SARS-CoV-2 in New York before the first pandemic wave. Nature Communications, 2021, 12, 3463.	5.8	18
28	Prevalence and Diversity of Low Pathogenicity Avian Influenza Viruses in Wild Birds in Guatemala, 2010â€“2013. Avian Diseases, 2016, 60, 359-364.	0.4	17
29	Development of an Alternative Modified Live Influenza B Virus Vaccine. Journal of Virology, 2017, 91, .	1.5	17
30	SARS-CoV-2 spread across the Colombian-Venezuelan border. Infection, Genetics and Evolution, 2020, 86, 104616.	1.0	16
31	Evidence of a fixed internal gene constellation in influenza A viruses isolated from wild birds in Argentina (2006â€“2016). Emerging Microbes and Infections, 2018, 7, 1-13.	3.0	15
32	Single-cell analysis identifies a key role for Hhip in murine coronal suture development. Nature Communications, 2021, 12, 7132.	5.8	14
33	Origin, distribution, and potential risk factors associated with influenza A virus in swine in two production systems in Guatemala. Influenza and Other Respiratory Viruses, 2017, 11, 182-192.	1.5	13
34	Real-Time Investigation of a Large Nosocomial Influenza A Outbreak Informed by Genomic Epidemiology. Clinical Infectious Diseases, 2021, 73, e4375-e4383.	2.9	13
35	Host Selection of Potential West Nile Virus Vectors in Puerto Barrios, Guatemala, 2007. American Journal of Tropical Medicine and Hygiene, 2013, 88, 108-115.	0.6	12
36	Influenza A(H1N1)pdm09 virus infection in marine mammals in California. Emerging Microbes and Infections, 2013, 2, 1-2.	3.0	11

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37	Viable virus shedding during SARS-CoV-2 reinfection. Lancet Respiratory Medicine,the, 2021, 9, e56-e57.	5.2	11
38	Detection of West Nile Viral RNA from Field-Collected Mosquitoes in Tropical Regions by Conventional and Real-Time RT-PCR. Methods in Molecular Biology, 2010, 630, 109-124.	0.4	10
39	Comparison of Engorged Culex quinquefasciatus Collection and Blood-Feeding Pattern among Four Mosquito Collection Methods in Puerto Barrios, Guatemala, 2007. Journal of the American Mosquito Control Association, 2010, 26, 332-336.	0.2	9
40	Robust clinical detection of SARSâ€CoVâ€2 variants by RTâ€PCR/MALDIâ€TOF multitarget approach. Journal of Medical Virology, 2022, 94, 1606-1616.	2.5	9
41	Evidence of Intercontinental Spread and Uncommon Variants of Low-Pathogenicity Avian Influenza Viruses in Ducks Overwintering in Guatemala. MSphere, 2017, 2, .	1.3	8
42	Deciphering the introduction and transmission of SARS-CoV-2 in the Colombian Amazon Basin. PLoS Neglected Tropical Diseases, 2021, 15, e0009327.	1.3	6
43	SARS-CoV-2 in Transit: Characterization of SARS-CoV-2 Genomes From Venezuelan Migrants in Colombia. International Journal of Infectious Diseases, 2021, 110, 410-416.	1.5	5
44	RT-PCR and Matrix-Assisted Laser Desorption-Ionization Time-of-Flight Mass Spectrometry Diagnostic Target Performance Reflects Circulating Severe Acute Respiratory Syndrome Coronavirus 2 Variant Diversity in New York City. Journal of Molecular Diagnostics, 2022, , .	1.2	3
45	Phylogenetic analysis and comparative genomics of SARS-CoV-2 from survivor and non-survivor COVID-19 patients in Cordoba, Argentina. BMC Genomics, 2022, 23, .	1.2	2
46	Skeletal Stem Cells in Craniofacial Bone. , 2020, , 141-149.		1
47	Immunological and Genetic Investigation of SARS-CoV-2 Reinfection in an Otherwise Healthy, Young Marine Recruit. Pathogens, 2021, 10, 1589.	1.2	1
48	Influenza A virus circulation in backyard animals in the Pacific coast of Guatemala, 2013â€“2014. Zoonoses and Public Health, 0, , .	0.9	1