

A J Venkatakrisnan

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

5,400
citations

257450

24
h-index

377865

34
g-index

77
all docs

77
docs citations

77
times ranked

7866
citing authors

#	ARTICLE	IF	CITATIONS
1	High diversity in Delta variant across countries revealed by genome-wide analysis of SARS-CoV-2 beyond the Spike protein. <i>Molecular Systems Biology</i> , 2022, 18, e10673.	7.2	18
2	Genetic alteration of human MYH6 is mimicked by SARS-CoV-2 polyprotein: mapping viral variants of cardiac interest. <i>Cell Death Discovery</i> , 2022, 8, 124.	4.7	4
3	Surveillance of Safety of 3 Doses of COVID-19 mRNA Vaccination Using Electronic Health Records. <i>JAMA Network Open</i> , 2022, 5, e227038.	5.9	23
4	Third dose vaccination with mRNA-1273 or BNT162b2 vaccines improves protection against SARS-CoV-2 infection. , 2022, 1, .		6
5	SARS-CoV-2 and influenza coinfection throughout the COVID-19 pandemic: an assessment of coinfection rates, cohort characteristics, and clinical outcomes. , 2022, 1, .		13
6	Enoxaparin is associated with lower rates of mortality than unfractionated Heparin in hospitalized COVID-19 patients. <i>EClinicalMedicine</i> , 2021, 33, 100774.	7.1	30
7	Healthcare disparities among anticoagulation therapies for severe COVID-19 patients in the multi-site VIRUS registry. <i>Journal of Medical Virology</i> , 2021, 93, 4303-4318.	5.0	8
8	Plasma IL-6 levels following corticosteroid therapy as an indicator of ICU length of stay in critically ill COVID-19 patients. <i>Cell Death Discovery</i> , 2021, 7, 55.	4.7	34
9	Pre-existing conditions are associated with COVID-19 patients' hospitalization, despite confirmed clearance of SARS-CoV-2 virus. <i>EClinicalMedicine</i> , 2021, 34, 100793.	7.1	14
10	Cerebral Venous Sinus Thrombosis is not Significantly Linked to COVID-19 Vaccines or Non-COVID Vaccines in a Large Multi-State Health System. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105923.	1.6	31
11	A Literature-Derived Knowledge Graph Augments the Interpretation of Single Cell RNA-seq Datasets. <i>Genes</i> , 2021, 12, 898.	2.4	5
12	Mapping each pre-existing condition's association to short-term and long-term COVID-19 complications. <i>Npj Digital Medicine</i> , 2021, 4, 117.	10.9	19
13	Anemia during SARS-CoV-2 infection is associated with rehospitalization after viral clearance. <i>IScience</i> , 2021, 24, 102780.	4.1	4
14	FDA-authorized mRNA COVID-19 vaccines are effective per real-world evidence synthesized across a multi-state health system. <i>Med</i> , 2021, 2, 979-992.e8.	4.4	127
15	Real-time analysis of a mass vaccination effort confirms the safety of FDA-authorized mRNA COVID-19 vaccines. <i>Med</i> , 2021, 2, 965-978.e5.	4.4	40
16	Casirivimab/Imdevimab treatment is associated with reduced rates of hospitalization among high-risk patients with mild to moderate coronavirus disease-19. <i>EClinicalMedicine</i> , 2021, 40, 101102.	7.1	116
17	SARS-CoV-2 strategically mimics proteolytic activation of human ENaC. <i>ELife</i> , 2020, 9, .	6.0	112
18	Benchmarking evolutionary tinkering underlying human viral molecular mimicry shows multiple host pulmonary arterial peptides mimicked by SARS-CoV-2. <i>Cell Death Discovery</i> , 2020, 6, 96.	4.7	37

#	ARTICLE	IF	CITATIONS
19	Long-term SARS-CoV-2 RNA shedding and its temporal association to IgG seropositivity. <i>Cell Death Discovery</i> , 2020, 6, 138.	4.7	41
20	Structural and functional characterization of G protein-coupled receptors with deep mutational scanning. <i>ELife</i> , 2020, 9, .	6.0	91
21	Knowledge synthesis of 100 million biomedical documents augments the deep expression profiling of coronavirus receptors. <i>ELife</i> , 2020, 9, .	6.0	61
22	Augmented curation of clinical notes from a massive EHR system reveals symptoms of impending COVID-19 diagnosis. <i>ELife</i> , 2020, 9, .	6.0	100
23	Inference from longitudinal laboratory tests characterizes temporal evolution of COVID-19-associated coagulopathy (CAC). <i>ELife</i> , 2020, 9, .	6.0	19
24	Cryptic pocket formation underlies allosteric modulator selectivity at muscarinic GPCRs. <i>Nature Communications</i> , 2019, 10, 3289.	12.8	47
25	Diverse GPCRs exhibit conserved water networks for stabilization and activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3288-3293.	7.1	116
26	Visualization and analysis of non-covalent contacts using the Protein Contacts Atlas. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 185-194.	8.2	103
27	Spatially Constrained Water Molecules are Conserved in GPCR Activation. <i>Biophysical Journal</i> , 2018, 114, 236a.	0.5	0
28	D ₄ dopamine receptor high-resolution structures enable the discovery of selective agonists. <i>Science</i> , 2017, 358, 381-386.	12.6	176
29	Mechanism of intracellular allosteric β 2AR antagonist revealed by X-ray crystal structure. <i>Nature</i> , 2017, 548, 480-484.	27.8	148
30	GPCR Dynamics: Structures in Motion. <i>Chemical Reviews</i> , 2017, 117, 139-155.	47.7	561
31	Diverse activation pathways in class A GPCRs converge near the G-protein-coupling region. <i>Nature</i> , 2016, 536, 484-487.	27.8	245
32	Structural basis for chemokine recognition and activation of a viral G protein-coupled receptor. <i>Science</i> , 2015, 347, 1113-1117.	12.6	261
33	Structural insights into μ -opioid receptor activation. <i>Nature</i> , 2015, 524, 315-321.	27.8	743
34	Universal allosteric mechanism for $G_{i\pm}$ activation by GPCRs. <i>Nature</i> , 2015, 524, 173-179.	27.8	291
35	Molecular signatures of G-protein-coupled receptors. <i>Nature</i> , 2013, 494, 185-194.	27.8	1,298
36	Homomeric protein complexes: evolution and assembly. <i>Biochemical Society Transactions</i> , 2010, 38, 879-882.	3.4	25

#	ARTICLE	IF	CITATIONS
37	Enoxaparin Is Associated With Lower Rates of Thrombosis, Kidney Injury, and Mortality Than Unfractionated Heparin in Hospitalized COVID Patients. SSRN Electronic Journal, 0, , .	0.4	2