

Thomas Vercruyse

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,426
citations

686830

13
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676716

22
g-index

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all docs

27
docs citations

27
times ranked

3477
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Separation of C9orf72 Dipeptide Repeats Perturbs Stress Granule Dynamics. <i>Molecular Cell</i> , 2017, 65, 1044-1055.e5.	4.5	437
2	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. <i>Nature Communications</i> , 2020, 11, 5838.	5.8	225
3	A single-dose live-attenuated YF17D-vectored SARS-CoV-2 vaccine candidate. <i>Nature</i> , 2021, 590, 320-325.	13.7	148
4	Identifying Drug-Target Selectivity of Small-Molecule CRM1/XPO1 Inhibitors by CRISPR/Cas9 Genome Editing. <i>Chemistry and Biology</i> , 2015, 22, 107-116.	6.2	108
5	Target identification of small molecules using large-scale CRISPR-Cas mutagenesis scanning of essential genes. <i>Nature Communications</i> , 2018, 9, 502.	5.8	84
6	An Intrabody Based on a Llama Single-domain Antibody Targeting the N-terminal α -Helical Multimerization Domain of HIV-1 Rev Prevents Viral Production. <i>Journal of Biological Chemistry</i> , 2010, 285, 21768-21780.	1.6	60
7	Near-native, site-specific and purification-free protein labeling for quantitative protein interaction analysis by MicroScale Thermophoresis. <i>Scientific Reports</i> , 2018, 8, 4977.	1.6	60
8	The Second-Generation Exportin-1 Inhibitor KPT-8602 Demonstrates Potent Activity against Acute Lymphoblastic Leukemia. <i>Clinical Cancer Research</i> , 2017, 23, 2528-2541.	3.2	52
9	HDAC6 inhibition restores TDP α 3 pathology and axonal transport defects in human motor neurons with <i>TARDBP</i> mutations. <i>EMBO Journal</i> , 2021, 40, e106177.	3.5	51
10	C9orf72-generated poly-GR and poly-PR do not directly interfere with nucleocytoplasmic transport. <i>Scientific Reports</i> , 2019, 9, 15728.	1.6	47
11	A phenyl-thiadiazolylidene-amine derivative ejects zinc from retroviral nucleocapsid zinc fingers and inactivates HIV virions. <i>Retrovirology</i> , 2012, 9, 95.	0.9	24
12	A stably expressed llama single-domain intrabody targeting Rev displays broad-spectrum anti-HIV activity. <i>Antiviral Research</i> , 2014, 112, 91-102.	1.9	24
13	Human Exportin-1 is a Target for Combined Therapy of HIV and AIDS Related Lymphoma. <i>EBioMedicine</i> , 2015, 2, 1102-1113.	2.7	24
14	MVA-CoV2-S Vaccine Candidate Neutralizes Distinct Variants of Concern and Protects Against SARS-CoV-2 Infection in Hamsters. <i>Frontiers in Immunology</i> , 2022, 13, 845969.	2.2	16
15	Mapping the Binding Interface between an HIV-1 Inhibiting Intrabody and the Viral Protein Rev. <i>PLoS ONE</i> , 2013, 8, e60259.	1.1	12
16	Measuring cooperative Rev protein-protein interactions on Rev responsive RNA by fluorescence resonance energy transfer. <i>RNA Biology</i> , 2011, 8, 316-324.	1.5	10
17	Potent neutralizing anti-SARS-CoV-2 human antibodies cure infection with SARS-CoV-2 variants in hamster model. <i>IScience</i> , 2022, 25, 104705.	1.9	8
18	High Incidence of SARS-CoV-2 Variant of Concern Breakthrough Infections Despite Residual Humoral and Cellular Immunity Induced by BNT162b2 Vaccination in Healthcare Workers: A Long-Term Follow-Up Study in Belgium. <i>Viruses</i> , 2022, 14, 1257.	1.5	7

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19	Comparing immunogenicity and protective efficacy of the yellow fever 17D vaccine in mice. <i>Emerging Microbes and Infections</i> , 2021, 10, 2279-2290.	3.0	6
20	Cellular Stress Induces Nucleocytoplasmic Transport Deficits Independent of Stress Granules. <i>Biomedicines</i> , 2022, 10, 1057.	1.4	5
21	The T850D Phosphomimetic Mutation in the Androgen Receptor Ligand Binding Domain Enhances Recruitment at Activation Function 2. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1557.	1.8	3
22	Quantitative Nucleocytoplasmic Transport Assays in Cellular Models of Neurodegeneration. <i>Bio-protocol</i> , 2020, 10, e3659.	0.2	2
23	Selective Inhibitors of Nuclear Export (SINE) Compounds Suppress Both HIV Replication and AIDS Related Lymphoma. <i>Blood</i> , 2015, 126, 2751-2751.	0.6	1