Kirill Gorshkov

List of Publications by Year
in descending order

39 papers	1,847 citations	331259 21 h-index	344852 36 g-index
48 all docs	48 docs citations	48 times ranked	3208 citing authors

#	Article	IF	Citations
1	Fluorescent quantum dots enable SARS-CoV-2 antiviral drug discovery and development. Expert Opinion on Drug Discovery, 2022, 17, 225-230.	2.5	5
2	SARS-CoV-2 Nucleocapsid Protein TR-FRET Assay Amenable to High Throughput Screening. ACS Pharmacology and Translational Science, 2022, 5, 8-19.	2.5	5
3	A high throughput screening assay for inhibitors of SARS-CoV-2 pseudotyped particle entry. SLAS Discovery, 2022, 27, 86-94.	1.4	16
4	c-Abl Activation Linked to Autophagy-Lysosomal Dysfunction Contributes to Neurological Impairment in Niemann-Pick Type A Disease. Frontiers in Cell and Developmental Biology, 2022, 10, 844297.	1.8	9
5	High-throughput Confocal Imaging of Quantum Dot-Conjugated SARS-CoV-2 Spike Trimers to Track Binding and Endocytosis in HEK293T Cells. Journal of Visualized Experiments, 2022, , .	0.2	2
6	The SARS-CoV-2 Cytopathic Effect Is Blocked by Lysosome Alkalizing Small Molecules. ACS Infectious Diseases, 2021, 7, 1389-1408.	1.8	74
7	Generation of an induced pluripotent stem cell line (TRNDi030-A) from a patient with Farber disease carrying a homozygous p. Y36C (c. 107 A>G) mutation in ASAH1. Stem Cell Research, 2021, 53, 102387.	0.3	2
8	Inhibiting SARSâ€CoVâ€2 infection with lysosomal alkalizers. FASEB Journal, 2021, 35, .	0.2	0
9	Quantum Dotâ€Conjugated SARSâ€CoVâ€2 Spike Nanoparticles for SARSâ€CoVâ€2 infection modeling and drug discovery. FASEB Journal, 2021, 35, .	0.2	0
10	Enrichment of NPC1-deficient cells with the lipid LBPA stimulates autophagy, improves lysosomal function, and reduces cholesterol storage. Journal of Biological Chemistry, 2021, 297, 100813.	1.6	29
11	Generation of an induced pluripotent stem cell line (TRNDi031-A) from a patient with Alagille syndrome type 1 carrying a heterozygous p. C312X (c. 936ÂTÂ>ÂA) mutation in JAGGED-1. Stem Cell Research, 2021, 54, 102447.	0.3	1
12	Development of a High-Throughput Homogeneous AlphaLISA Drug Screening Assay for the Detection of SARS-CoV-2 Nucleocapsid. ACS Pharmacology and Translational Science, 2020, 3, 1233-1241.	2.5	10
13	RNA-Dependent RNA Polymerase as a Target for COVID-19 Drug Discovery. SLAS Discovery, 2020, 25, 1141-1151.	1.4	131
14	N6-methyladenosine-modified CircRNA-SORE sustains sorafenib resistance in hepatocellular carcinoma by regulating Î²-catenin signaling. Molecular Cancer, 2020, 19, 163.	7.9	171
15	Drug Discovery Strategies for SARS-CoV-2. Journal of Pharmacology and Experimental Therapeutics, 2020, 375, 127-138.	1.3	83
16	Identifying SARS-CoV-2 Entry Inhibitors through Drug Repurposing Screens of SARS-S and MERS-S Pseudotyped Particles. ACS Pharmacology and Translational Science, 2020, 3, 1165-1175.	2.5	94
17	Cell-Based No-Wash Fluorescence Assays for Compound Screens Using a Fluorescence Cytometry Plate Reader. Journal of Pharmacology and Experimental Therapeutics, 2020, 374, 500-511.	1.3	1
18	Quantum Dot-Conjugated SARS-CoV-2 Spike Pseudo-Virions Enable Tracking of Angiotensin Converting Enzyme 2 Binding and Endocytosis. ACS Nano, 2020, 14, 12234-12247.	7.3	88

#	Article	IF	Citations
19	Zika Virus-Induced Neuronal Apoptosis via Increased Mitochondrial Fragmentation. Frontiers in Microbiology, 2020, 11, 598203.	1.5	27
20	CircRNA-SORE mediates sorafenib resistance in hepatocellular carcinoma by stabilizing YBX1. Signal Transduction and Targeted Therapy, 2020, 5, 298.	7.1	225
21	Advancing precision medicine with personalized drug screening. Drug Discovery Today, 2019, 24, 272-278.	3.2	27
22	Induced pluripotent stem cells for neural drug discovery. Drug Discovery Today, 2019, 24, 992-999.	3.2	63
23	Identification of Ezetimibe and Pranlukast as Pharmacological Chaperones for the Treatment of the Rare Disease Mucopolysaccharidosis Type IVA. Journal of Medicinal Chemistry, 2019, 62, 6175-6189.	2.9	26
24	Phosphocyclocreatine is the dominant form of cyclocreatine in control and creatine transporter deficiency patient fibroblasts. Pharmacology Research and Perspectives, 2019, 7, e00525.	1.1	5
25	Quantitative Chemotherapeutic Profiling of Gynecologic Cancer Cell Lines Using Approved Drugs and Bioactive Compounds. Translational Oncology, 2019, 12, 441-452.	1.7	14
26	Astrocytes as targets for drug discovery. Drug Discovery Today, 2018, 23, 673-680.	3.2	43
27	A biosensor for MAPK-dependent Lin28 signaling. Molecular Biology of the Cell, 2018, 29, 1157-1167.	0.9	5
28	High-throughput assay development for Niemann-Pick disease type A small molecule therapeutics. Molecular Genetics and Metabolism, 2018, 123, S55.	0.5	0
29	Neural stem cells for disease modeling and evaluation of therapeutics for Tay-Sachs disease. Orphanet Journal of Rare Diseases, 2018, 13, 152.	1.2	34
30	Small Molecules Identified from a Quantitative Drug Combinational Screen Resensitize Cisplatin's Response in Drug-Resistant Ovarian Cancer Cells. Translational Oncology, 2018, 11, 1053-1064.	1.7	8
31	Emetine inhibits Zika and Ebola virus infections through two molecular mechanisms: inhibiting viral replication and decreasing viral entry. Cell Discovery, 2018, 4, 31.	3.1	128
32	Zika Virus: Origins, Pathological Action, and Treatment Strategies. Frontiers in Microbiology, 2018, 9, 3252.	1.5	58
33	AKAP-mediated feedback control of cAMP gradients in developing hippocampal neurons. Nature Chemical Biology, 2017, 13, 425-431.	3.9	43
34	Polarized activities of AMPK and BRSK in primary hippocampal neurons. Molecular Biology of the Cell, 2015, 26, 1935-1946.	0.9	28
35	Antifungal drug itraconazole targets VDAC1 to modulate the AMPK/mTOR signaling axis in endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7276-85.	3.3	84
36	Compartmentalized AMPK Signaling Illuminated by Genetically Encoded Molecular Sensors and Actuators. Cell Reports, 2015, 11, 657-670.	2.9	83

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37	Visualization of cyclic nucleotide dynamics in neurons. Frontiers in Cellular Neuroscience, 2014, 8, 395.	1.8	21
38	Calmodulin-controlled spatial decoding of oscillatory Ca2+ signals by calcineurin. ELife, 2014, 3, e03765.	2.8	54
39	Slow down to stay alive. Cancer, 2012, 118, 5140-5154.	2.0	23