Roland Schwarzer

List of Publications by Year
in descending order

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40	926	516561 16	477173 29
papers	citations	h-index	g-index

42	42	42	1676
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visualization of Mareká€™s Disease Virus Genomes in Living Cells during Lytic Replication and Latency. Viruses, 2022, 14, 287.	1.5	1
2	Characterization of Hantavirus N Protein Intracellular Dynamics and Localization. Viruses, 2022, 14, 457.	1.5	3
3	A Hybrid Soluble gp130/Spike-Nanobody Fusion Protein Simultaneously Blocks Interleukin-6 trans -Signaling and Cellular Infection with SARS-CoV-2. Journal of Virology, 2022, 96, JVI0162221.	1.5	5
4	Evaluating a New Class of AKT/mTOR Activators for HIV Latency-Reversing Activity Ex Vivo and In Vivo. Journal of Virology, 2021, 95, .	1.5	13
5	Live-cell imaging of circadian clock protein dynamics in CRISPR-generated knock-in cells. Nature Communications, 2021, 12, 3796.	5.8	42
6	Macropinocytosis and Clathrin-Dependent Endocytosis Play Pivotal Roles for the Infectious Entry of Puumala Virus. Journal of Virology, 2020, 94, .	1.5	14
7	Yeast Sphingolipid-Enriched Domains and Membrane Compartments in the Absence of Mannosyldiinositolphosphorylceramide. Biomolecules, 2020, 10, 871.	1.8	9
8	Reduce and Control: A Combinatorial Strategy for Achieving Sustained HIV Remissions in the Absence of Antiretroviral Therapy. Viruses, 2020, 12, 188.	1.5	10
9	Plasma membrane asymmetry of lipid organization: fluorescence lifetime microscopy and correlation spectroscopy analysis. Journal of Lipid Research, 2020, 61, 252-266.	2.0	29
10	Tissue memory CD4+ T cells expressing IL-7 receptor-alpha (CD127) preferentially support latent HIV-1 infection. PLoS Pathogens, 2020, 16, e1008450.	2.1	34
11	Attacking Latent HIV with convertibleCAR-T Cells, a Highly Adaptable Killing Platform. Cell, 2019, 179, 880-894.e10.	13.5	95
12	Self-association and subcellular localization of Puumala hantavirus envelope proteins. Scientific Reports, 2019, 9, 707.	1.6	15
13	The HIV gp41 Fusion Protein Inhibits T-Cell Activation through the Lentiviral Lytic Peptide 2 Motif. Biochemistry, 2019, 58, 818-832.	1.2	1
14	D-109 Defining a potent new class of latency reversing agents devoid of toxicity and detrimental cell activation that enhance CTL/NK cell killing. Journal of Acquired Immune Deficiency Syndromes (1999), 2018, 77, 41-41.	0.9	4
15	Gp41 dynamically interacts with the TCR in the immune synapse and promotes early T cell activation. Scientific Reports, 2018, 8, 9747.	1.6	8
16	The non-classical nuclear import carrier Transportin 1 modulates circadian rhythms through its effect on PER1 nuclear localization. PLoS Genetics, 2018, 14, e1007189.	1.5	20
17	Mapping out the intricate relationship of the HIV envelope protein and the membrane environment. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 550-560.	1.4	16
18	Cell cycle dependent changes in the plasma membrane organization of mammalian cells. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 350-359.	1.4	18

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19	Amplification of a FRET Probe by Lipidâ€“Water Partition for the Detection of Acid Sphingomyelinase in Live Cells. Angewandte Chemie - International Edition, 2017, 56, 2790-2794.	7.2	47
20	SMYD2-Mediated Histone Methylation Contributes to HIV-1 Latency. Cell Host and Microbe, 2017, 21, 569-579.e6.	5.1	78
21	Modulation of cell surface transport and lipid raft localization by the cytoplasmic tail of the influenza virus hemagglutinin. Cellular Microbiology, 2016, 18, 125-136.	1.1	9
22	Potential of Proapoptotic Peptides to Induce the Formation of Giant Plasma Membrane Vesicles with Lipid Domains. ChemBioChem, 2015, 16, 1288-1292.	1.3	2
23	Recruitment of SHâ€Containing Peptides to Lipid and Biological Membranes through the Use of a Palmitic Acid Functionalized with a Maleimide Group. Angewandte Chemie - International Edition, 2015, 54, 323-326.	7.2	9
24	All1371 is a polyphosphate-dependent glucokinase in Anabaena sp. PCC 7120. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	18
25	The HIV-1 Envelope Transmembrane Domain Binds TLR2 through a Distinct Dimerization Motif and Inhibits TLR2-Mediated Responses. PLoS Pathogens, 2014, 10, e1004248.	2.1	33
26	Degradation of Phycobilisomes in Synechocystis sp. PCC6803. Journal of Biological Chemistry, 2014, 289, 11755-11766.	1.6	67
27	The cholesterol-binding motif of the HIV-1 glycoprotein gp41 regulates lateral sorting and oligomerization. Cellular Microbiology, 2014, 16, 1565-1581.	1.1	32
28	New Insights on the Versatile Role of the Cholesterol Binding Motif of the HIV-1 Glycoprotein Gp41. Biophysical Journal, 2014, 106, 62a.	0.2	0
29	An Amphiphilic Perylene Imido Diester for Selective Cellular Imaging. Bioconjugate Chemistry, 2013, 24, 153-158.	1.8	68
30	Cell-To-Cell Variability in Plasma Membrane Lipid Rafts. Biophysical Journal, 2013, 104, 191a-192a.	0.2	0
31	Calcium-Mediated Fusion between Endo-Lysosomal Compartments Enhances Virus-Like Particles Release. Biophysical Journal, 2013, 104, 417a.	0.2	0
32	Organization of fluorescent cholesterol analogs in lipid bilayers â€" Lessons from cyclodextrin extraction. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1822-1828.	1.4	36
33	The Role of Lipid Rafts in Virus Assembly. Identification and Characterization of Microdomain Partitioning Factors of the HIV-1 Glycoprotein gp41 using Flim-FRET and Fluorescence Anisotropy Microscopy. Biophysical Journal, 2012, 102, 640a.	0.2	1
34	DBD dyes as fluorescent probes for sensing lipophilic environments. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5367-5371.	1.0	17
35	Intracellular Dynamics of HIV-Gag: The Role of Calcium and the Activation of Phospholipase C. Biophysical Journal, 2012, 102, 640a.	0.2	0
36	Chasing Raft Localisation Signals: FLIM-FRET Reveals CRAC Mediated Microdomain Association of the Human Immunodeficiency Virus Glycoprotein gp41. Biophysical Journal, 2011, 100, 498a-499a.	0.2	0

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37	FLIM-FRET and FRAP reveal association of influenza virus haemagglutinin with membrane rafts. Biochemical Journal, 2010, 425, 567-573.	1.7	76
38	Detection of Lipid Domains in Model and Cell Membranes by Fluorescence Lifetime Imaging Microscopy of Fluorescent Lipid Analogues. Journal of Biological Chemistry, 2008, 283, 30828-30837.	1.6	69
39	Conformational change of influenza virus hemagglutinin is sensitive to ionic concentration. European Biophysics Journal, 2007, 36, 327-335.	1.2	16
40	Analysis of delay times of hemagglutinin-mediated fusion between influenza virus and cell membranes. European Biophysics Journal, 1995, 24, 55-64.	1.2	11