Naoyuki Kondo

List of Publications by Year
in descending order

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35 papers	933 citations	471477 17 h-index	477281 29 g-index
35 all docs	35 docs citations	35 times ranked	1319 citing authors

#	Article	IF	Citations
1	LFA1 Activation: Insights from a Single-Molecule Approach. Cells, 2022, 11, 1751.	4.1	3
2	Combination therapy with lenvatinib and radiation significantly inhibits thyroid cancer growth by uptake of tyrosine kinase inhibitor. Experimental Cell Research, 2021, 398, 112390.	2.6	13
3	Kindlin-3 disrupts an intersubunit association in the integrin LFA1 to trigger positive feedback activation by Rap1 and talin1. Science Signaling, 2021, 14, .	3.6	10
4	MST1/2 Balance Immune Activation and Tolerance by Orchestrating Adhesion, Transcription, and Organelle Dynamics in Lymphocytes. Frontiers in Immunology, 2020, 11, 733.	4.8	14
5	NDR1-Dependent Regulation of Kindlin-3 Controls High-Affinity LFA-1 Binding and Immune Synapse Organization. Molecular and Cellular Biology, 2017, 37, .	2.3	37
6	Sema3e/Plexin D1 Modulates Immunological Synapse and Migration of Thymocytes by Rap1 Inhibition. Journal of Immunology, 2016, 196, 3019-3031.	0.8	19
7	Defining a Retrovirus Entry Site by Single Particle Tracking. Biophysical Journal, 2015, 108, 354a.	0.5	0
8	Distinct Requirements for HIV-Cell Fusion and HIV-mediated Cell-Cell Fusion. Journal of Biological Chemistry, 2015, 290, 6558-6573.	3.4	38
9	Single-Molecule Analysis of LFA-1/ICAM-1 Binding in Lymphocyte. Biophysical Journal, 2014, 106, 572a.	0.5	0
10	Pinpointing retrovirus entry sites in cells expressing alternatively spliced receptor isoforms by single virus imaging. Retrovirology, 2014, 11, 47.	2.0	16
11	Autotaxin Produced by Stromal Cells Promotes LFA-1â€“Independent and Rho-Dependent Interstitial T Cell Motility in the Lymph Node Paracortex. Journal of Immunology, 2014, 193, 617-626.	0.8	48
12	Time-Resolved Imaging of Endosome Acidification and Single Retrovirus Fusion with Endosomes. Biophysical Journal, 2013, 104, 87a.	0.5	0
13	Fusion of Mature HIV-1 Particles Leads to Complete Release of a Gag-GFP-Based Content Marker and Raises the Intraviral pH. PLoS ONE, 2013, 8, e71002.	2.5	49
14	2SEP-03 Regulation of Lymphocyte "Stop and Go" via LFA-1 and ICAM-1 : Lymphocyte Trafficking Analysis using Live Imaging Techniques(2SEP Exploring mechanisms of emerging order in multicellular systems :) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	0
15	Development of a rapid cellâ€fusionâ€based phenotypic HIVâ€1 tropism assay. Journal of the International AIDS Society, 2013, 16, 18723.	3.0	11
16	Antigen-Specific Suppression and Immunological Synapse Formation by Regulatory T Cells Require the Mst1 Kinase. PLoS ONE, 2013, 8, e73874.	2.5	43
17	Synchronized Retrovirus Fusion in Cells Expressing Alternative Receptor Isoforms Releases the Viral Core into Distinct Sub-cellular Compartments. PLoS Pathogens, 2012, 8, e1002694.	4.7	24
18	Quantitative imaging of endosome acidification and single retrovirus fusion with distinct pools of early endosomes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17627-17632.	7.1	63

#	Article	IF	Citations
19	Generation of a dual-functional split-reporter protein for monitoring membrane fusion using self-associating split GFP. Protein Engineering, Design and Selection, 2012, 25, 813-820.	2.1	118
20	Dynamic appearance of antigenic epitopes effective for viral neutralization during membrane fusion initiated by interactions between HIV-1 envelope proteins and CD4/CXCR4. Immunobiology, 2012, 217, 864-872.	1.9	2
21	Inhibition of Human Immunodeficiency Virus Endocytosis does not Allow its Fusion with the Cell Plasma Membrane. Biophysical Journal, 2012, 102, 604a.	0.5	0
22	Real-Time Imaging of Retrovirus-Endosome Fusion followed by Release and Trafficking of the Viral Core. Biophysical Journal, 2012, 102, 502a.	0.5	0
23	Intercellular Adhesion Molecule 1 Promotes HIV-1 Attachment but Not Fusion to Target Cells. PLoS ONE, 2012, 7, e44827.	2.5	20
24	Inhibition of HIV-1 endocytosis allows lipid mixing at the plasma membrane, but not complete fusion. Retrovirology, 2011, 8, 99.	2.0	89
25	Conserved arginine residue in the membrane-spanning domain of HIV-1 gp41 is required for efficient membrane fusion. Protein and Cell, 2011, 2, 369-376.	11.0	23
26	Monitoring Viralâ€Mediated Membrane Fusion Using Fluorescent Reporter Methods. Current Protocols in Cell Biology, 2011, 50, Unit 26.9.	2.3	46
27	Conformational Changes of the HIV-1 Envelope Protein during Membrane Fusion Are Inhibited by the Replacement of Its Membrane-spanning Domain. Journal of Biological Chemistry, 2010, 285, 14681-14688.	3.4	92
28	Membrane topology analysis of HIV-1 envelope glycoprotein gp41. Retrovirology, 2010, 7, 100.	2.0	19
29	The membrane-spanning domain of gp41 plays a critical role in intracellular trafficking of the HIV envelope protein. Retrovirology, 2010, 7, 95.	2.0	29
30	Monitoring of HIV-1 envelope-mediated membrane fusion using modified split green fluorescent proteins. Journal of Virological Methods, 2009, 161, 216-222.	2.1	17
31	Two dNTP triphosphohydrolases from Pseudomonasâ€ƒaeruginosa possess diverse substrate specificities. FEBS Journal, 2009, 276, 3211-3221.	4.7	15
32	Thermus thermophilus-derived protein tags that aid in preparation of insoluble viral proteins. Analytical Biochemistry, 2009, 385, 278-285.	2.4	5
33	Insights into different dependence of dNTP triphosphohydrolase on metal ion species from intracellular ion concentrations in Thermus thermophilus. Extremophiles, 2008, 12, 217-223.	2.3	15
34	Structure of dNTP-inducible dNTP triphosphohydrolase: insight into broad specificity for dNTPs and triphosphohydrolase-type hydrolysis. Acta Crystallographica Section D: Biological Crystallography, 2007, 63, 230-239.	2.5	27
35	Biochemical Characterization of TT1383 from Thermus thermophilus Identifies a Novel dNTP Triphosphohydrolase Activity Stimulated by dATP and dTTP. Journal of Biochemistry, 2004, 136, 221-231.	1.7	28