

# Karla Kirkegaard

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,914  
citations

279798

23  
h-index

377865

34  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4899  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subversion of Cellular Autophagosomal Machinery by RNA Viruses. <i>PLoS Biology</i> , 2005, 3, e156.	5.6	717
2	Remodeling the Endoplasmic Reticulum by Poliovirus Infection and by Individual Viral Proteins: an Autophagy-Like Origin for Virus-Induced Vesicles. <i>Journal of Virology</i> , 2000, 74, 8953-8965.	3.4	456
3	Cellular autophagy: surrender, avoidance and subversion by microorganisms. <i>Nature Reviews Microbiology</i> , 2004, 2, 301-314.	28.6	422
4	Increased Fidelity Reduces Poliovirus Fitness and Virulence under Selective Pressure in Mice. <i>PLoS Pathogens</i> , 2005, 1, e11.	4.7	360
5	Nonlytic viral spread enhanced by autophagy components. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13081-13086.	7.1	204
6	Visualization and Functional Analysis of RNA-Dependent RNA Polymerase Lattices. <i>Science</i> , 2002, 296, 2218-2222.	12.6	156
7	Modification of Cellular Autophagy Protein LC3 by Poliovirus. <i>Journal of Virology</i> , 2007, 81, 12543-12553.	3.4	148
8	Poliovirus 3A Protein Limits Interleukin-6 (IL-6), IL-8, and Beta Interferon Secretion during Viral Infection. <i>Journal of Virology</i> , 2001, 75, 8158-8165.	3.4	147
9	Inhibition of Cellular Autophagy Deranges Dengue Virion Maturation. <i>Journal of Virology</i> , 2013, 87, 1312-1321.	3.4	136
10	Modified cyclodextrins as broad-spectrum antivirals. <i>Science Advances</i> , 2020, 6, eaax9318.	10.3	131
11	Trans-dominant inhibition of RNA viral replication can slow growth of drug-resistant viruses. <i>Nature Genetics</i> , 2005, 37, 701-709.	21.4	124
12	Complete Protein Linkage Map of Poliovirus P3 Proteins: Interaction of Polymerase 3D <sup>pol</sup> with VPg and with Genetic Variants of 3AB. <i>Journal of Virology</i> , 1998, 72, 6732-6741.	3.4	117
13	Role of Microtubules in Extracellular Release of Poliovirus. <i>Journal of Virology</i> , 2009, 83, 6599-6609.	3.4	96
14	The Hepatitis C Virus-Induced Membranous Web and Associated Nuclear Transport Machinery Limit Access of Pattern Recognition Receptors to Viral Replication Sites. <i>PLoS Pathogens</i> , 2016, 12, e1005428.	4.7	90
15	Potential subversion of autophagosomal pathway by picornaviruses. <i>Autophagy</i> , 2008, 4, 286-289.	9.1	88
16	Differential and convergent utilization of autophagy components by positive-strand RNA viruses. <i>PLoS Biology</i> , 2019, 17, e2006926.	5.6	71
17	Subversion of the Cellular Autophagy Pathway by Viruses. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 323-333.	1.1	65
18	Escape of non-enveloped virus from intact cells. <i>Virology</i> , 2015, 479-480, 444-449.	2.4	60

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19	Topology of Double-Membraned Vesicles and the Opportunity for Non-Lytic Release of Cytoplasm. <i>Autophagy</i> , 2005, 1, 182-184.	9.1	51
20	Enzymatic and nonenzymatic functions of viral RNA-dependent RNA polymerases within oligomeric arrays. <i>Rna</i> , 2010, 16, 382-393.	3.5	51
21	Dominant drug targets suppress the emergence of antiviral resistance. <i>ELife</i> , 2014, 3, .	6.0	39
22	Targeting intramolecular proteinase NS2B/3 cleavages for <i>trans</i>-dominant inhibition of dengue virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10136-10141.	7.1	33
23	The exoribonuclease Xrn1 is a post-transcriptional negative regulator of autophagy. <i>Autophagy</i> , 2018, 14, 898-912.	9.1	30
24	Suppression of Drug Resistance in Dengue Virus. <i>MBio</i> , 2015, 6, e01960-15.	4.1	27
25	Full-length three-dimensional structure of the influenza A virus M1 protein and its organization into a matrix layer. <i>PLoS Biology</i> , 2020, 18, e3000827.	5.6	20
26	My Cousin, My Enemy: quasispecies suppression of drug resistance. <i>Current Opinion in Virology</i> , 2016, 20, 106-111.	5.4	19
27	Double-membraned Liposomes Sculpted by Poliovirus 3AB Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 27287-27298.	3.4	16
28	Transmission genetics of drug-resistant hepatitis C virus. <i>ELife</i> , 2018, 7, .	6.0	7
29	Complete Three-Dimensional Structures of Picornaviral RNA-Dependent RNA Polymerases. <i>Structure</i> , 2004, 12, 1336-1339.	3.3	6
30	Nonlytic spread of naked viruses. <i>Autophagy</i> , 2015, 11, 430-431.	9.1	6
31	Unconventional secretion of hepatitis A virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6653-6655.	7.1	6
32	A Targeted Computational Screen of the SWEETLEAD Database Reveals FDA-Approved Compounds with Anti-Dengue Viral Activity. <i>MBio</i> , 2020, 11, .	4.1	6
33	Detection and Differentiation of Multiple Viral RNAs Using Branched DNA FISH Coupled to Confocal Microscopy and Flow Cytometry. <i>Bio-protocol</i> , 2018, 8, .	0.4	5
34	Title is missing!. , 2020, 18, e3000827.		0
35	Title is missing!. , 2020, 18, e3000827.		0
36	Title is missing!. , 2020, 18, e3000827.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 18, e3000827.		0