

# Sue E Crawford

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

4,120  
citations

201385

27  
h-index

288905

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Depletion of the apical endosome in response to viruses and bacterial toxins provides cell-autonomous host defense at mucosal surfaces. <i>Cell Host and Microbe</i> , 2022, 30, 216-231.e5.	5.1	6
2	Rotavirus-Induced Lipid Droplet Biogenesis Is Critical for Virus Replication. <i>Frontiers in Physiology</i> , 2022, 13, 836870.	1.3	20
3	Novel fold of rotavirus glycan-binding domain predicted by AlphaFold2 and determined by X-ray crystallography. <i>Communications Biology</i> , 2022, 5, 419.	2.0	10
4	Plasmid-based reverse genetics for probing phosphorylation-dependent viroplasm formation in rotaviruses. <i>Virus Research</i> , 2021, 291, 198193.	1.1	6
5	<i>Fusobacterium nucleatum</i> Adheres to <i>Clostridioides difficile</i> via the RadD Adhesin to Enhance Biofilm Formation in Intestinal Mucus. <i>Gastroenterology</i> , 2021, 160, 1301-1314.e8.	0.6	46
6	Cryo-EM Structure of Rotavirus VP3 Reveals Novel Insights into Its Role in RNA Capping and Endogenous Transcription. <i>Springer Proceedings in Materials</i> , 2021, , 211-220.	0.1	0
7	New Insights and Enhanced Human Norovirus Cultivation in Human Intestinal Enteroids. <i>MSphere</i> , 2021, 6, .	1.3	78
8	Bile Goes Viral. <i>Viruses</i> , 2021, 13, 998.	1.5	7
9	Organoids to Dissect Gastrointestinal Virus-Host Interactions: What Have We Learned?. <i>Viruses</i> , 2021, 13, 999.	1.5	11
10	Use of human tissue stem cell-derived organoid cultures to model enterohepatic circulation. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G270-G279.	1.6	7
11	Drivers of transcriptional variance in human intestinal epithelial organoids. <i>Physiological Genomics</i> , 2021, 53, 486-508.	1.0	17
12	Bile acids and ceramide overcome the entry restriction for GII.3 human norovirus replication in human intestinal enteroids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1700-1710.	3.3	75
13	Human norovirus exhibits strain-specific sensitivity to host interferon pathways in human intestinal enteroids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23782-23793.	3.3	63
14	A Genetically Engineered Rotavirus NSP2 Phosphorylation Mutant Impaired in Viroplasm Formation and Replication Shows an Early Interaction between vNSP2 and Cellular Lipid Droplets. <i>Journal of Virology</i> , 2020, 94, .	1.5	26
15	2.7 Å... cryo-EM structure of rotavirus core protein VP3, a unique capping machine with a helicase activity. <i>Science Advances</i> , 2020, 6, eaay6410.	4.7	16
16	Human Norovirus Cultivation in Nontransformed Stem Cell-Derived Human Intestinal Enteroid Cultures: Success and Challenges. <i>Viruses</i> , 2019, 11, 638.	1.5	84
17	Microbial Metabolic Capacity for Intestinal Folate Production and Modulation of Host Folate Receptors. <i>Frontiers in Microbiology</i> , 2019, 10, 2305.	1.5	95
18	COPII Vesicle Transport Is Required for Rotavirus NSP4 Interaction with the Autophagy Protein LC3 II and Trafficking to Viroplasms. <i>Journal of Virology</i> , 2019, 94, .	1.5	26

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19	Human organoid cultures: transformative new tools for human virus studies. <i>Current Opinion in Virology</i> , 2018, 29, 79-86.	2.6	78
20	Engineered Human Gastrointestinal Cultures to Study the Microbiome and Infectious Diseases. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 241-251.	2.3	82
21	Phosphorylation cascade regulates the formation and maturation of rotaviral replication factories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12015-E12023.	3.3	39
22	A paradox of transcriptional and functional innate interferon responses of human intestinal enteroids to enteric virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E570-E579.	3.3	112
23	Human Intestinal Enteroids: New Models to Study Gastrointestinal Virus Infections. <i>Methods in Molecular Biology</i> , 2017, 1576, 229-247.	0.4	112
24	Rotavirus infection. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17083.	18.1	419
25	Detection of human norovirus in intestinal biopsies from immunocompromised transplant patients. <i>Journal of General Virology</i> , 2016, 97, 2291-2300.	1.3	85
26	Replication of human noroviruses in stem cell-derived human enteroids. <i>Science</i> , 2016, 353, 1387-1393.	6.0	1,056
27	Lipid droplets form complexes with viroplasm and are crucial for rotavirus replication. <i>Current Opinion in Virology</i> , 2016, 19, 11-15.	2.6	51
28	Human Intestinal Enteroids: a New Model To Study Human Rotavirus Infection, Host Restriction, and Pathophysiology. <i>Journal of Virology</i> , 2016, 90, 43-56.	1.5	298
29	Mapping Broadly Reactive Norovirus Genogroup I and II Monoclonal Antibodies. <i>Vaccine Journal</i> , 2015, 22, 168-177.	3.2	15
30	Characterization of Cross-Reactive Norovirus-Specific Monoclonal Antibodies. <i>Vaccine Journal</i> , 2015, 22, 160-167.	3.2	27
31	Prevention and cure of rotavirus infection via TLR5/NLRC4-mediated production of IL-22 and IL-18. <i>Science</i> , 2014, 346, 861-865.	6.0	188
32	Structural basis of glycan interaction in gastroenteric viral pathogens. <i>Current Opinion in Virology</i> , 2014, 7, 119-127.	2.6	32
33	Human enteroids as an <i>ex-vivo</i> model of host-pathogen interactions in the gastrointestinal tract. <i>Experimental Biology and Medicine</i> , 2014, 239, 1124-1134.	1.1	169
34	Identification of human single-chain antibodies with broad reactivity for noroviruses. <i>Protein Engineering, Design and Selection</i> , 2014, 27, 339-349.	1.0	28
35	Viroporin-mediated calcium-activated autophagy. <i>Autophagy</i> , 2013, 9, 797-798.	4.3	46
36	Autophagy hijacked through viroporin-activated calcium/calmodulin-dependent kinase kinase- $\beta$ signaling is required for rotavirus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3405-13.	3.3	142

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37	Pathogenesis of Rotavirus Gastroenteritis. Novartis Foundation Symposium, 2008, 238, 82-100.	1.2	91
38	Norwalk Virus RNA Is Infectious in Mammalian Cells. Journal of Virology, 2007, 81, 12238-12248.	1.5	141
39	Rotavirus Viremia and Extraintestinal Viral Infection in the Neonatal Rat Model. Journal of Virology, 2006, 80, 4820-4832.	1.5	125
40	Heterotypic Protection and Induction of a Broad Heterotypic Neutralization Response by Rotavirus-Like Particles. Journal of Virology, 1999, 73, 4813-4822.	1.5	73
41	Subunit Rotavirus Vaccine Administered Parenterally to Rabbits Induces Active Protective Immunity. Journal of Virology, 1998, 72, 9233-9246.	1.5	118