# Marjolein Kikkert

List of Publications by Year
in descending order



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|---|---|---|---|
| 40 papers | 5,223 citations | 172207 29 h-index | 301761 39 g-index |
| 48 all docs | 48 docs citations | 48 times ranked | 8929 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Humoral response to SARS-CoV-2 infection among liver transplant recipients. Gut, 2022, 71, 746-756. | 6.1 | 11 |
| 2 | Prolonged activation of nasal immune cell populations and development of tissue-resident SARS-CoV-2-specific CD8+ T cell responses following COVID-19. Nature Immunology, 2022, 23, 23-32. | 7.0 | 74 |
| 3 | A third vaccination with a single TÂcell epitope confers protection in a murine model of SARS-CoV-2 infection. Nature Communications, 2022, 13, . | 5.8 | 29 |
| 4 | Capsid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity. Nature Communications, 2021, 12, 324. | 5.8 | 79 |
| 5 | Proteomics approaches for the identification of protease substrates during virus infection. Advances in Virus Research, 2021, 109, 135-161. | 0.9 | 5 |
| 6 | Ad26.COV2.S protects Syrian hamsters against G614 spike variant SARS-CoV-2 and does not enhance respiratory disease. Npj Vaccines, 2021, 6, 39. | 2.9 | 38 |
| 7 | Immunogenicity and efficacy of one and two doses of Ad26.COV2.S COVID vaccine in adult and aged NHP. Journal of Experimental Medicine, 2021, 218, . | 4.2 | 55 |
| 8 | Two-Component Nanoparticle Vaccine Displaying Glycosylated Spike S1 Domain Induces Neutralizing Antibody Response against SARS-CoV-2 Variants. MBio, 2021, 12, e0181321. | 1.8 | 28 |
| 9 | A Yellow Fever 17D Virus Replicon-Based Vaccine Platform for Emerging Coronaviruses. Vaccines, 2021, 9, 1492. | 2.1 | 2 |
| 10 | Innate Immune Evasion by Human Respiratory RNA Viruses. Journal of Innate Immunity, 2020, 12, 4-20. | 1.8 | 283 |
| 11 | Ad26 vector-based COVID-19 vaccine encoding a prefusion-stabilized SARS-CoV-2 Spike immunogen induces potent humoral and cellular immune responses. Npj Vaccines, 2020, 5, 91. | 2.9 | 286 |
| 12 | Immunometabolism pathways as the basis for innovative anti-viral strategies (INITIATE): A Marie Sklodowska-Curie innovative training network. Virus Research, 2020, 287, 198094. | 1.1 | 2 |
| 13 | SARS-coronavirus-2 replication in Vero E6 cells: replication kinetics, rapid adaptation and cytopathology. Journal of General Virology, 2020, 101, 925-940. | 1.3 | 465 |
| 14 | Viral Innate Immune Evasion and the Pathogenesis of Emerging RNA Virus Infections. Viruses, 2019, 11, 961. | 1.5 | 185 |
| 15 | Profiling DUBs and Ubl-specific proteases with activity-based probes. Methods in Enzymology, 2019, 618, 357-387. | 0.4 | 10 |
| 16 | The Role of Atypical Ubiquitin Chains in the Regulation of the Antiviral Innate Immune Response. Frontiers in Cell and Developmental Biology, 2019, 7, 392. | 1.8 | 44 |
| 17 | Structure and Function of Viral Deubiquitinating Enzymes. Journal of Molecular Biology, 2017, 429, 3441-3470. | 2.0 | 66 |
| 18 | Host Factors in Coronavirus Replication. Current Topics in Microbiology and Immunology, 2017, 419, 1-42. | 0.7 | 379 |

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|---|---|---|---|
| 19 | Interaction of the innate immune system with positive-strand RNA virus replication organelles. Cytokine and Growth Factor Reviews, 2017, 37, 17-27. | 3.2 | 55 |
| 20 | Expression and Cleavage of Middle East Respiratory Syndrome Coronavirus nsp3-4 Polyprotein Induce the Formation of Double-Membrane Vesicles That Mimic Those Associated with Coronaviral RNA Replication. MBio, 2017, 8, . | 1.8 | 176 |
| 21 | Potent and selective inhibition of pathogenic viruses by engineered ubiquitin variants. PLoS Pathogens, 2017, 13, e1006372. | 2.1 | 48 |
| 22 | Middle East Respiratory Coronavirus Accessory Protein 4a Inhibits PKR-Mediated Antiviral Stress Responses. PLoS Pathogens, 2016, 12, e1005982. | 2.1 | 161 |
| 23 | Antiviral Innate Immune Response Interferes with the Formation of Replication-Associated Membrane Structures Induced by a Positive-Strand RNA Virus. MBio, 2016, 7, . | 1.8 | 23 |
| 24 | Biogenesis and architecture of arterivirus replication organelles. Virus Research, 2016, 220, 70-90. | 1.1 | 65 |
| 25 | A Kinome-Wide Small Interfering RNA Screen Identifies Proviral and Antiviral Host Factors in Severe Acute Respiratory Syndrome Coronavirus Replication, Including Double-Stranded RNA-Activated Protein Kinase and Early Secretory Pathway Proteins. Journal of Virology, 2015, 89, 8318-8333. | 1.5 | 68 |
| 26 | In vivo assessment of equine arteritis virus vaccine improvement by disabling the deubiquitinase activity of papain-like protease 2. Veterinary Microbiology, 2015, 178, 132-137. | 0.8 | 10 |
| 27 | Viral OTU Deubiquitinases: A Structural and Functional Comparison. PLoS Pathogens, 2014, 10, e1003894. | 2.1 | 33 |
| 28 | Crystal Structure of the Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Papain-like Protease Bound to Ubiquitin Facilitates Targeted Disruption of Deubiquitinating Activity to Demonstrate Its Role in Innate Immune Suppression. Journal of Biological Chemistry, 2014, 289, 34667-34682. | 1.6 | 155 |
| 29 | Arterivirus molecular biology and pathogenesis. Journal of General Virology, 2013, 94, 2141-2163. | 1.3 | 344 |
| 30 | Deubiquitinase function of arterivirus papain-like protease 2 suppresses the innate immune response in infected host cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E838-47. | 3.3 | 108 |
| 31 | Arterivirus nsp2 Cysteine Proteinase. , 2013, , 2210-2215. | | 1 |
| 32 | Arterivirus and Nairovirus Ovarian Tumor Domain-Containing Deubiquitinases Target Activated RIG-I To Control Innate Immune Signaling. Journal of Virology, 2012, 86, 773-785. | 1.5 | 108 |
| 33 | Linear Ubiquitination of NEMO Negatively Regulates the Interferon Antiviral Response through Disruption of the MAVS-TRAF3 Complex. Cell Host and Microbe, 2012, 12, 211-222. | 5.1 | 101 |
| 34 | Regulation of the innate immune system by ubiquitin and ubiquitin-like modifiers. Cytokine and Growth Factor Reviews, 2012, 23, 273-282. | 3.2 | 29 |
| 35 | Papain-Like Protease 1 from Transmissible Gastroenteritis Virus: Crystal Structure and Enzymatic Activity toward Viral and Cellular Substrates. Journal of Virology, 2010, 84, 10063-10073. | 1.5 | 49 |
| 36 | Integrity of the Early Secretory Pathway Promotes, but Is Not Required for, Severe Acute Respiratory Syndrome Coronavirus RNA Synthesis and Virus-Induced Remodeling of Endoplasmic Reticulum Membranes. Journal of Virology, 2010, 84, 833-846. | 1.5 | 51 |

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|---|---|---|---|
| 37 | SARS-Coronavirus Replication Is Supported by a Reticulovesicular Network of Modified Endoplasmic Reticulum. PLoS Biology, 2008, 6, e226. | 2.6 | 862 |
| 38 | Ovarian Tumor Domain-Containing Viral Proteases Evade Ubiquitin- and ISG15-Dependent Innate Immune Responses. Cell Host and Microbe, 2007, 2, 404-416. | 5.1 | 304 |
| 39 | Human HRD1 Is an E3 Ubiquitin Ligase Involved in Degradation of Proteins from the Endoplasmic Reticulum. Journal of Biological Chemistry, 2004, 279, 3525-3534. | 1.6 | 318 |
| 40 | Ubiquitination is essential for human cytomegalovirus US11-mediated dislocation of MHC class I molecules from the endoplasmic reticulum to the cytosol. Biochemical Journal, 2001, 358, 369-377. | 1.7 | 78 |