

# Virginie PÃ©trilli

## List of Publications by Year in descending order

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35  
papers

13,649  
citations

201674

27  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

15826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gout-associated uric acid crystals activate the NALP3 inflammasome. <i>Nature</i> , 2006, 440, 237-241.	27.8	4,427
2	Innate Immune Activation Through Nalp3 Inflammasome Sensing of Asbestos and Silica. <i>Science</i> , 2008, 320, 674-677.	12.6	2,289
3	Activation of the NALP3 inflammasome is triggered by low intracellular potassium concentration. <i>Cell Death and Differentiation</i> , 2007, 14, 1583-1589.	11.2	1,222
4	The inflammasome recognizes cytosolic microbial and host DNA and triggers an innate immune response. <i>Nature</i> , 2008, 452, 103-107.	27.8	838
5	The inflammasome: a danger sensing complex triggering innate immunity. <i>Current Opinion in Immunology</i> , 2007, 19, 615-622.	5.5	640
6	Cutting Edge: Alum Adjuvant Stimulates Inflammatory Dendritic Cells through Activation of the NALP3 Inflammasome. <i>Journal of Immunology</i> , 2008, 181, 3755-3759.	0.8	548
7	Uptake of particulate vaccine adjuvants by dendritic cells activates the NALP3 inflammasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 870-875.	7.1	486
8	A crucial function of SGT1 and HSP90 in inflammasome activity links mammalian and plant innate immune responses. <i>Nature Immunology</i> , 2007, 8, 497-503.	14.5	382
9	Uric Acid Is a Danger Signal Activating NALP3 Inflammasome in Lung Injury Inflammation and Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 903-913.	5.6	373
10	Activation of the IL-1 $\beta$ -Processing Inflammasome Is Involved in Contact Hypersensitivity. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1956-1963.	0.7	352
11	Pneumolysin Activates the NLRP3 Inflammasome and Promotes Proinflammatory Cytokines Independently of TLR4. <i>PLoS Pathogens</i> , 2010, 6, e1001191.	4.7	314
12	Innate Immune Sensing of Modified Vaccinia Virus Ankara (MVA) Is Mediated by TLR2-TLR6, MDA-5 and the NALP3 Inflammasome. <i>PLoS Pathogens</i> , 2009, 5, e1000480.	4.7	285
13	NALP Inflammasomes: a central role in innate immunity. <i>Seminars in Immunopathology</i> , 2007, 29, 213-29.	6.1	184
14	Depletion of the 110-Kilodalton Isoform of Poly(ADP-Ribose) Glycohydrolase Increases Sensitivity to Genotoxic and Endotoxic Stress in Mice. <i>Molecular and Cellular Biology</i> , 2004, 24, 7163-7178.	2.3	160
15	The inflammasome. <i>Current Biology</i> , 2005, 15, R581.	3.9	141
16	p58IPK-Mediated Attenuation of the Proapoptotic PERK-CHOP Pathway Allows Malignant Progression upon Low Glucose. <i>Molecular Cell</i> , 2013, 49, 1049-1059.	9.7	133
17	Inflammasome-Activated Caspase 7 Cleaves PARP1 to Enhance the Expression of a Subset of NF- $\kappa$ B Target Genes. <i>Molecular Cell</i> , 2012, 46, 200-211.	9.7	128
18	Caspase-1 autoproteolysis is differentially required for NLRP1b and NLRP3 inflammasome function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17254-17259.	7.1	98

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19	Noncleavable poly(ADP-ribose) polymerase-1 regulates the inflammation response in mice. <i>Journal of Clinical Investigation</i> , 2004, 114, 1072-1081.	8.2	90
20	The Role of Potassium in Inflammasome Activation by Bacteria. <i>Journal of Biological Chemistry</i> , 2010, 285, 10508-10518.	3.4	87
21	The inflammasome, autoinflammatory diseases, and gout. <i>Joint Bone Spine</i> , 2007, 74, 571-576.	1.6	80
22	Inflammatory Role of ASC in Antigen-Induced Arthritis Is Independent of Caspase-1, NALP-3, and IPAF. <i>Journal of Immunology</i> , 2009, 183, 4003-4012.	0.8	73
23	NLRP3 phosphorylation in its LRR domain critically regulates inflammasome assembly. <i>Nature Communications</i> , 2021, 12, 5862.	12.8	52
24	Noncleavable poly(ADP-ribose) polymerase-1 regulates the inflammation response in mice. <i>Journal of Clinical Investigation</i> , 2004, 114, 1072-1081.	8.2	51
25	Antiviral Antibodies Target Adenovirus to Phagolysosomes and Amplify the Innate Immune Response. <i>Journal of Immunology</i> , 2009, 182, 7058-7068.	0.8	50
26	The Glucocorticoid-Induced Leucine Zipper (Gilz/Tsc22d3-2) Gene Locus Plays a Crucial Role in Male Fertility. <i>Molecular Endocrinology</i> , 2012, 26, 1000-1013.	3.7	42
27	The multifaceted roles of inflammasome proteins in cancer. <i>Current Opinion in Oncology</i> , 2017, 29, 35-40.	2.4	33
28	LAMTOR1 depletion induces p53-dependent apoptosis via aberrant lysosomal activation. <i>Cell Death and Disease</i> , 2012, 3, e300-e300.	6.3	27
29	Pdro, a Protein Associated with Late Endosomes and Lysosomes and Implicated in Cellular Cholesterol Homeostasis. <i>PLoS ONE</i> , 2010, 5, e10977.	2.5	20
30	Inflammasome Deletion Promotes Anti-tumor NK Cell Function in an IL-1/IL-18 Independent Way in Murine Invasive Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1683.	2.8	8
31	In Vitro and In Vivo Multispectral Photoacoustic Imaging for the Evaluation of Chromophore Concentration. <i>Sensors</i> , 2021, 21, 3366.	3.8	6
32	Assessing Caspase-1 Activation. <i>Methods in Molecular Biology</i> , 2016, 1417, 197-206.	0.9	4
33	Abstract 2038: A novel role for the NLRP3 inflammasome in lung cancer. , 2015, , .		3
34	L'inflammasome, lesÂmaladies auto-inflammatoires etÂlaÂgoutte. <i>Revue Du Rhumatisme (Edition) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 00</i>	0.6	0
35	New insights in caspase-11 functions in noncanonical inflammasome signalling. <i>Inflammasome</i> , 2014, 1, .	0.6	0