Fabio Martinon

List of Publications by Year
in descending order

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Version: 2024-02-01

87 papers	29,483 citations	30551 56 h-index	62345 84 g-index
91 all docs	91 docs citations	91 times ranked	32552 citing authors

#	Article	IF	Citations
1	The aspartyl protease DDI2 drives adaptation to proteasome inhibition in multiple myeloma. Cell Death and Disease, 2022, 13, 475.	2.7	8
2	Detection of viruses by inflammasomes. Current Opinion in Virology, 2021, 46, 59-64.	2.6	31
3	Cell-autonomous inflammation of BRCA1-deficient ovarian cancers drives both tumor-intrinsic immunoreactivity and immune resistance via STING. Cell Reports, 2021, 36, 109412.	2.9	60
4	Tumor-induced reshuffling of lipid composition on the endoplasmic reticulum membrane sustains macrophage survival and pro-tumorigenic activity. Nature Immunology, 2021, 22, 1403-1415.	7.0	72
5	Inflammasomes contributing to inflammation in arthritis. Immunological Reviews, 2020, 294, 48-62.	2.8	97
6	Different CFTR modulator combinations downregulate inflammation differently in cystic fibrosis. ELife, 2020, 9, .	2.8	75
7	Metabolic Reprograming of Cystic Fibrosis Macrophages via the IRE1Î± Arm of the Unfolded Protein Response Results in Exacerbated Inflammation. Frontiers in Immunology, 2019, 10, 1789.	2.2	41
8	Immunoinflammatory Nature of Gout. , 2019, , 29-35.		0
9	ENaC-mediated sodium influx exacerbates NLRP3-dependent inflammation in cystic fibrosis. ELife, 2019, 8, .	2.8	70
10	Hydrogen sulfide inhibits NLRP3 inflammasome activation and reduces cytokine production both in vitro and in a mouse model of inflammation. Journal of Biological Chemistry, 2018, 293, 2546-2557.	1.6	87
11	The <scp>AIM</scp>2 inflammasome: Sensor of pathogens and cellular perturbations. Immunological Reviews, 2018, 281, 99-114.	2.8	254
12	Inflammation initiated by stressed organelles. Joint Bone Spine, 2018, 85, 423-428.	0.8	10
13	Gasdermin D opens the way for NETs. Nature Reviews Rheumatology, 2018, 14, 690-692.	3.5	15
14	A proximity-dependent biotinylation (BioID) approach flags the p62/sequestosome-1 protein as a caspase-1 substrate. Journal of Biological Chemistry, 2018, 293, 12563-12575.	1.6	13
15	Periodic Fever with Aphthous Stomatitis, Pharyngitis, and Cervical Adenitis Syndrome Is Associated with a CARD8 Variant Unable To Bind the NLRP3 Inflammasome. Journal of Immunology, 2017, 198, 2063-2069.	0.4	49
16	Impairment of both IRE1 expression and XBP1 activation is a hallmark of GCB DLBCL and contributes to tumor growth. Blood, 2017, 129, 2420-2428.	0.6	38
17	IRE1 gives weight to obesity-associated inflammation. Nature Immunology, 2017, 18, 479-480.	7.0	17
18	Inflammation in gout: mechanisms and therapeutic targets. Nature Reviews Rheumatology, 2017, 13, 639-647.	3.5	357

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19	Translating the anticancer properties of eEF2K. Cell Cycle, 2017, 16, 299-300.	1.3	10
20	Detection of ASC Oligomerization by Western Blotting. Bio-protocol, 2017, 7, .	0.2	28
21	Raptor hunted by caspases. Cell Death and Disease, 2016, 7, e2242-e2242.	2.7	0
22	Cell-Free Assay for Inflammasome Activation. Methods in Molecular Biology, 2016, 1417, 207-215.	0.4	6
23	AIM2 inflammasome is activated by pharmacological disruption of nuclear envelope integrity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4671-80.	3.3	106
24	Pharmacological <scp>eEF</scp> 2K activation promotes cell death and inhibits cancer progression. EMBO Reports, 2016, 17, 1471-1484.	2.0	32
25	Caspase-mediated cleavage of raptor participates in the inactivation of mTORC1 during cell death. Cell Death Discovery, 2016, 2, 16024.	2.0	17
26	An inhibitor of HIV-1 protease modulates constitutive eIF2Î± dephosphorylation to trigger a specific integrated stress response. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E117-26.	3.3	50
27	Xanthine oxidoreductase regulates macrophage IL1Î² secretion upon NLRP3 inflammasome activation. Nature Communications, 2015, 6, 6555.	5.8	185
28	Pyroptosis: Caspase-11ÂUnlocks the Gates of Death. Immunity, 2015, 43, 835-837.	6.6	66
29	STING activation of tumor endothelial cells initiates spontaneous and therapeutic antitumor immunity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15408-15413.	3.3	404
30	Pathogenesis of adult-onset Stillâ€™s disease: new insights from the juvenile counterpart. Immunologic Research, 2015, 61, 53-62.	1.3	148
31	New players driving inflammation in monogenic autoinflammatory diseases. Nature Reviews Rheumatology, 2015, 11, 11-20.	3.5	57
32	Did Cholera Toxin Finally Get Caught?. Cell Host and Microbe, 2013, 13, 501-503.	5.1	1
33	Crystal Structure of NLRC4 Reveals Its Autoinhibition Mechanism. Science, 2013, 341, 172-175.	6.0	329
34	Dangerous Liaisons: Mitochondrial DNA Meets the NLRP3 Inflammasome. Immunity, 2012, 36, 313-315.	6.6	38
35	Targeting endoplasmic reticulum signaling pathways in cancer. Acta OncolÃ³gica, 2012, 51, 822-830.	0.8	72
36	The endoplasmic reticulum: a sensor of cellular stress that modulates immune responses. Microbes and Infection, 2012, 14, 1293-1300.	1.0	21

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37	The Unfolded Protein Response: Integrating Stress Signals Through the Stress Sensor IRE1Î±. Physiological Reviews, 2011, 91, 1219-1243.	13.1	498
38	Regulation of innate immunity by signaling pathways emerging from the endoplasmic reticulum. Current Opinion in Immunology, 2011, 23, 35-40.	2.4	138
39	Editorial overview. Current Opinion in Immunology, 2011, 23, 1-2.	2.4	32
40	Update on Biology: Uric Acid and the Activation of Immune and Inflammatory Cells. Current Rheumatology Reports, 2010, 12, 135-141.	2.1	59
41	Signaling by ROS drives inflammasome activation. European Journal of Immunology, 2010, 40, 616-619.	1.6	523
42	TLR activation of the transcription factor XBP1 regulates innate immune responses in macrophages. Nature Immunology, 2010, 11, 411-418.	7.0	844
43	Mechanisms of uric acid crystalâ€mediated autoinflammation. Immunological Reviews, 2010, 233, 218-232.	2.8	178
44	The Inflammasomes: Guardians of the Body. Annual Review of Immunology, 2009, 27, 229-265.	9.5	2,082
45	BAX Inhibitor-1 Is a Negative Regulator of the ER Stress Sensor IRE1Î±. Molecular Cell, 2009, 33, 679-691.	4.5	281
46	Linking Inflammasome Activation and Phagosome Maturation. Cell Host and Microbe, 2008, 3, 199-200.	5.1	14
47	Detection of immune danger signals by NALP3. Journal of Leukocyte Biology, 2008, 83, 507-511.	1.5	112
48	Cells with Defective p53-p21-pRb Pathway Are Susceptible to Apoptosis Induced by p84N5 via Caspase-6. Cancer Research, 2007, 67, 7631-7637.	0.4	22
49	Inflammasome Components NALP 1 and 3 Show Distinct but Separate Expression Profiles in Human Tissues Suggesting a Site-specific Role in the Inflammatory Response. Journal of Histochemistry and Cytochemistry, 2007, 55, 443-452.	1.3	438
50	Orchestration of pathogen recognition by inflammasome diversity: Variations on a common theme. European Journal of Immunology, 2007, 37, 3003-3006.	1.6	29
51	L'inflammasome, lesÂmaladies auto-inflammatoires etÂlaÂgoutte. Revue Du Rhumatisme (Edition) Tj ETQq1 1 0.784314 rgBT /Overlo	0.0	0
52	A crucial function of SGT1 and HSP90 in inflammasome activity links mammalian and plant innate immune responses. Nature Immunology, 2007, 8, 497-503.	7.0	382
53	Inflammatory caspases and inflammasomes: master switches of inflammation. Cell Death and Differentiation, 2007, 14, 10-22.	5.0	718
54	The SPRY domain of Pyrin, mutated in familial Mediterranean fever patients, interacts with inflammasome components and inhibits proIL-1Î² processing. Cell Death and Differentiation, 2007, 14, 1457-1466.	5.0	294

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55	Activation of the NALP3 inflammasome is triggered by low intracellular potassium concentration. Cell Death and Differentiation, 2007, 14, 1583-1589.	5.0	1,222
56	Activation of the IL-1Î²-Processing Inflammasome Is Involved in Contact Hypersensitivity. Journal of Investigative Dermatology, 2007, 127, 1956-1963.	0.3	352
57	The inflammasome, autoinflammatory diseases, and gout. Joint Bone Spine, 2007, 74, 571-576.	0.8	80
58	NALP Inflammasomes: a central role in innate immunity. Seminars in Immunopathology, 2007, 29, 213-29.	2.8	184
59	Gout: new insights into an old disease. Journal of Clinical Investigation, 2006, 116, 2073-2075.	3.9	97
60	Gout-associated uric acid crystals activate the NALP3 inflammasome. Nature, 2006, 440, 237-241.	13.7	4,427
61	Intracellular Trafficking of Interleukin-1 Receptor I Requires Tollip. Current Biology, 2006, 16, 2265-2270.	1.8	120
62	Mycobacterium tuberculosisSubverts Innate Immunity to Evade Specific Effectors. Journal of Immunology, 2006, 177, 6245-6255.	0.4	76
63	NLRs join TLRs as innate sensors of pathogens. Trends in Immunology, 2005, 26, 447-454.	2.9	579
64	RIP1 is an essential mediator of Toll-like receptor 3â€“induced NF-Î²B activation. Nature Immunology, 2004, 5, 503-507.	7.0	744
65	Identification of Bacterial Muramyl Dipeptide as Activator of the NALP3/Cryopyrin Inflammasome. Current Biology, 2004, 14, 1929-1934.	1.8	512
66	Inflammatory Diseases: Is Ubiquitinated NEMO at the Hub?. Current Biology, 2004, 14, R1040-R1042.	1.8	32
67	Inflammatory Caspases. Cell, 2004, 117, 561-574.	13.5	866
68	NALP3 Forms an IL-1Î²-Processing Inflammasome with Increased Activity in Muckle-Wells Autoinflammatory Disorder. Immunity, 2004, 20, 319-325.	6.6	1,566
69	New insights into the mechanism of IL-1Î² maturation. Current Opinion in Immunology, 2003, 15, 26-30.	2.4	129
70	NALPs: a novel protein family involved in inflammation. Nature Reviews Molecular Cell Biology, 2003, 4, 95-104.	16.1	660
71	Two Adjacent Trimeric Fas Ligands Are Required for Fas Signaling and Formation of a Death-Inducing Signaling Complex. Molecular and Cellular Biology, 2003, 23, 1428-1440.	1.1	360
72	The Inflammasome. Molecular Cell, 2002, 10, 417-426.	4.5	5,010

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73	Overexpression of Helicard, a CARD-Containing Helicase Cleaved during Apoptosis, Accelerates DNA Degradation. Current Biology, 2002, 12, 838-843.	1.8	129
74	Association of mutations in theNALP3/CIAS1/PYPAF1 gene with a broad phenotype including recurrent fever, cold sensitivity, sensorineural deafness, and AA amyloidosis. Arthritis and Rheumatism, 2002, 46, 2445-2452.	6.7	350
75	RIP4 (DIK/PKK), a novel member of the RIP kinase family, activates NFâ€Îº B and is processed during apoptosis. EMBO Reports, 2002, 3, 1201-1208.	2.0	132
76	Carma1, a CARD-containing binding partner of Bcl10, induces Bcl10 phosphorylation and NF-Îº B activation1. FEBS Letters, 2001, 496, 121-127.	1.3	187
77	Corrigendum to: Carma1, a CARD-containing binding partner of Bcl10, induces Bcl10 phosphorylation and NF-Îº B activation (FEBS 24842). FEBS Letters, 2001, 505, 198-198.	1.3	1
78	The pyrin domain: a possible member of the death domain-fold family implicated in apoptosis and inflammation. Current Biology, 2001, 11, R118-R120.	1.8	227
79	Bcl-rambo, a Novel Bcl-2 Homologue That Induces Apoptosis via Its Unique C-terminal Extension. Journal of Biological Chemistry, 2001, 276, 19548-19554.	1.6	114
80	Three Adenovirus E3 Proteins Cooperate to Evade Apoptosis by Tumor Necrosis Factor-related Apoptosis-inducing Ligand Receptor-1 and -2. Journal of Biological Chemistry, 2001, 276, 3270-3278.	1.6	118
81	Equine Herpesvirus Protein E10 Induces Membrane Recruitment and Phosphorylation of Its Cellular Homologue, Bcl-10. Journal of Cell Biology, 2001, 152, 1115-1122.	2.3	19
82	Tollip, a new component of the IL-1RI pathway, links IRAK to the IL-1 receptor. Nature Cell Biology, 2000, 2, 346-351.	4.6	512
83	Activation of a pro-apoptotic amplification loop through inhibition of NF-Îº B-dependent survival signals by caspase-mediated inactivation of RIP. FEBS Letters, 2000, 468, 134-136.	1.3	123
84	Equine Herpesvirus-2 E10 Gene Product, but Not Its Cellular Homologue, Activates NF-Îº B Transcription Factor and c-Jun N-terminal Kinase. Journal of Biological Chemistry, 1999, 274, 9962-9968.	1.6	97
85	Apoptosis: Silencing the death receptors. Current Biology, 1999, 9, R381-R384.	1.8	83
86	Identification of CARDIAK, a RIP-like kinase that associates with caspase-1. Current Biology, 1998, 8, 885-889.	1.8	301
87	MyD88, an Adapter Protein Involved in Interleukin-1 Signaling. Journal of Biological Chemistry, 1998, 273, 12203-12209.	1.6	565