

Thirumala-Devi Kanneganti

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5456551/thirumala-devi-kanneganti-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

305
papers

37,567
citations

95
h-index

190
g-index

328
ext. papers

45,973
ext. citations

13.4
avg, IF

7.92
L-index

#	Paper	IF	Citations
305	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
304	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
303	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1beta in salmonella-infected macrophages. <i>Nature Immunology</i> , 2006 , 7, 576-82	19.1	910
302	The ketone metabolite β-hydroxybutyrate blocks NLRP3 inflammasome-mediated inflammatory disease. <i>Nature Medicine</i> , 2015 , 21, 263-9	50.5	899
301	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006 , 440, 233-6	50.4	891
300	Intracellular NOD-like receptors in host defense and disease. <i>Immunity</i> , 2007 , 27, 549-59	32.3	774
299	The NLRP3 inflammasome protects against loss of epithelial integrity and mortality during experimental colitis. <i>Immunity</i> , 2010 , 32, 379-91	32.3	680
298	Molecular mechanisms and functions of pyroptosis, inflammatory caspases and inflammasomes in infectious diseases. <i>Immunological Reviews</i> , 2017 , 277, 61-75	11.3	669
297	The intracellular sensor NLRP3 mediates key innate and healing responses to influenza A virus via the regulation of caspase-1. <i>Immunity</i> , 2009 , 30, 566-75	32.3	530
296	Critical role for Cryopyrin/Nalp3 in activation of caspase-1 in response to viral infection and double-stranded RNA. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36560-8	5.4	525
295	Regulation of inflammasome activation. <i>Immunological Reviews</i> , 2015 , 265, 6-21	11.3	521
294	Inflammasome is a central player in the induction of obesity and insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 15324-9	11.5	509
293	Molecular characterization of LC3-associated phagocytosis reveals distinct roles for Rubicon, NOX2 and autophagy proteins. <i>Nature Cell Biology</i> , 2015 , 17, 893-906	23.4	497
292	The inflammasome-mediated caspase-1 activation controls adipocyte differentiation and insulin sensitivity. <i>Cell Metabolism</i> , 2010 , 12, 593-605	24.6	472
291	Toll-like receptor-induced arginase 1 in macrophages thwarts effective immunity against intracellular pathogens. <i>Nature Immunology</i> , 2008 , 9, 1399-406	19.1	469
290	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
289	Pannexin-1-mediated recognition of bacterial molecules activates the cryopyrin inflammasome independent of Toll-like receptor signaling. <i>Immunity</i> , 2007 , 26, 433-43	32.3	436

288	RICK/RIP2 mediates innate immune responses induced through Nod1 and Nod2 but not TLRs. <i>Journal of Immunology</i> , 2007 , 178, 2380-6	5.3	388
287	RIPK1 blocks early postnatal lethality mediated by caspase-8 and RIPK3. <i>Cell</i> , 2014 , 157, 1189-202	56.2	368
286	Regulation of Legionella phagosome maturation and infection through flagellin and host Ipaf. <i>Journal of Biological Chemistry</i> , 2006 , 281, 35217-23	5.4	366
285	The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation. <i>Journal of Cell Biology</i> , 2016 , 213, 617-29	7.3	361
284	Converging roles of caspases in inflammasome activation, cell death and innate immunity. <i>Nature Reviews Immunology</i> , 2016 , 16, 7-21	36.5	360
283	Inflammasome-dependent release of the alarmin HMGB1 in endotoxemia. <i>Journal of Immunology</i> , 2010 , 185, 4385-92	5.3	342
282	Synergism of TNF- α and IFN- γ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. <i>Cell</i> , 2021 , 184, 149-168.e17	56.2	333
281	FADD and caspase-8 mediate priming and activation of the canonical and noncanonical Nlrp3 inflammasomes. <i>Journal of Immunology</i> , 2014 , 192, 1835-46	5.3	331
280	Central roles of NLRs and inflammasomes in viral infection. <i>Nature Reviews Immunology</i> , 2010 , 10, 688-98	36.5	320
279	Negative regulation of the NLRP3 inflammasome by A20 protects against arthritis. <i>Nature</i> , 2014 , 512, 69-73	50.4	317
278	The C-terminal half of Phytophthora infestans RXLR effector AVR3a is sufficient to trigger R3a-mediated hypersensitivity and suppress INF1-induced cell death in Nicotiana benthamiana. <i>Plant Journal</i> , 2006 , 48, 165-76	6.9	299
277	Immunological complications of obesity. <i>Nature Immunology</i> , 2012 , 13, 707-12	19.1	297
276	ZBP1/DAI is an innate sensor of influenza virus triggering the NLRP3 inflammasome and programmed cell death pathways. <i>Science Immunology</i> , 2016 , 1,	28	285
275	The NOD-like receptor NLRP12 attenuates colon inflammation and tumorigenesis. <i>Cancer Cell</i> , 2011 , 20, 649-60	24.3	282
274	NLRP6 negatively regulates innate immunity and host defence against bacterial pathogens. <i>Nature</i> , 2012 , 488, 389-93	50.4	271
273	IL-18 production downstream of the Nlrp3 inflammasome confers protection against colorectal tumor formation. <i>Journal of Immunology</i> , 2010 , 185, 4912-20	5.3	262
272	Differential requirement of P2X7 receptor and intracellular K ⁺ for caspase-1 activation induced by intracellular and extracellular bacteria. <i>Journal of Biological Chemistry</i> , 2007 , 282, 18810-8	5.4	261
271	Receptor interacting protein kinase 2-mediated mitophagy regulates inflammasome activation during virus infection. <i>Nature Immunology</i> , 2013 , 14, 480-8	19.1	254

270	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by Francisella infection. <i>Nature Immunology</i> , 2015 , 16, 467-75	19.1	232
269	Mitochondria: diversity in the regulation of the NLRP3 inflammasome. <i>Trends in Molecular Medicine</i> , 2015 , 21, 193-201	11.5	231
268	Fatty acid-induced mitochondrial uncoupling elicits inflammasome-independent IL-1 β and sterile vascular inflammation in atherosclerosis. <i>Nature Immunology</i> , 2013 , 14, 1045-53	19.1	225
267	Targeted peptide-centric proteomics reveals caspase-7 as a substrate of the caspase-1 inflammasomes. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 2350-63	7.6	221
266	Critical role for Ipaf in Pseudomonas aeruginosa-induced caspase-1 activation. <i>European Journal of Immunology</i> , 2007 , 37, 3030-9	6.1	219
265	Diverging inflammasome signals in tumorigenesis and potential targeting. <i>Nature Reviews Cancer</i> , 2019 , 19, 197-214	31.3	214
264	Critical Role for the DNA Sensor AIM2 in Stem Cell Proliferation and Cancer. <i>Cell</i> , 2015 , 162, 45-58	56.2	213
263	Inflammasome activation and assembly at a glance. <i>Journal of Cell Science</i> , 2017 , 130, 3955-3963	5.3	213
262	Engagement of fatty acids with Toll-like receptor 2 drives interleukin-1 β production via the ASC/caspase 1 pathway in monosodium urate monohydrate crystal-induced gouty arthritis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3237-48		208
261	Inflammasomes and Cancer. <i>Cancer Immunology Research</i> , 2017 , 5, 94-99	12.5	201
260	The inflammasome puts obesity in the danger zone. <i>Cell Metabolism</i> , 2012 , 15, 10-8	24.6	197
259	Toll or interleukin-1 receptor (TIR) domain-containing adaptor inducing interferon- γ (TRIF)-mediated caspase-11 protease production integrates Toll-like receptor 4 (TLR4) protein- and Nlrp3 inflammasome-mediated host defense against enteropathogens. <i>Journal of Biological Chemistry</i> , 2018 , 293, 31171-80	5.4	192
258	Dietary modulation of the microbiome affects autoinflammatory disease. <i>Nature</i> , 2014 , 516, 246-9	50.4	191
257	The Nlrp3 inflammasome: contributions to intestinal homeostasis. <i>Trends in Immunology</i> , 2011 , 32, 171-9	14.4	191
256	AIM2 inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity. <i>European Journal of Immunology</i> , 2016 , 46, 269-80	6.1	190
255	Recent advances in inflammasome biology. <i>Current Opinion in Immunology</i> , 2018 , 50, 32-38	7.8	190
254	IRGB10 Liberates Bacterial Ligands for Sensing by the AIM2 and Caspase-11-NLRP3 Inflammasomes. <i>Cell</i> , 2016 , 167, 382-396.e17	56.2	187
253	Fungal chitin dampens inflammation through IL-10 induction mediated by NOD2 and TLR9 activation. <i>PLoS Pathogens</i> , 2014 , 10, e1004050	7.6	185

252	Concerted activation of the AIM2 and NLRP3 inflammasomes orchestrates host protection against <i>Aspergillus</i> infection. <i>Cell Host and Microbe</i> , 2015 , 17, 357-368	23.4	174
251	The malarial host-targeting signal is conserved in the Irish potato famine pathogen. <i>PLoS Pathogens</i> , 2006 , 2, e50	7.6	165
250	Inflammasomes and autoimmunity. <i>Trends in Molecular Medicine</i> , 2011 , 17, 57-64	11.5	164
249	Caspase-7: a protease involved in apoptosis and inflammation. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 21-4	5.6	158
248	Distinct roles of TLR2 and the adaptor ASC in IL-1beta/IL-18 secretion in response to <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2006 , 176, 4337-42	5.3	153
247	Caspase-1 inflammasomes in infection and inflammation. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 220-5	6.5	150
246	Nod1/RICK and TLR signaling regulate chemokine and antimicrobial innate immune responses in mesothelial cells. <i>Journal of Immunology</i> , 2007 , 179, 514-21	5.3	149
245	Activation of the NLRP1b inflammasome independently of ASC-mediated caspase-1 autoproteolysis and speck formation. <i>Nature Communications</i> , 2014 , 5, 3209	17.4	148
244	The dectin-1/inflammasome pathway is responsible for the induction of protective T-helper 17 responses that discriminate between yeasts and hyphae of <i>Candida albicans</i> . <i>Journal of Leukocyte Biology</i> , 2011 , 90, 357-66	6.5	148
243	Caspase-7 activation by the Nlr4/Ipaf inflammasome restricts <i>Legionella pneumophila</i> infection. <i>PLoS Pathogens</i> , 2009 , 5, e1000361	7.6	140
242	The TWIK2 Potassium Efflux Channel in Macrophages Mediates NLRP3 Inflammasome-Induced Inflammation. <i>Immunity</i> , 2018 , 49, 56-65.e4	32.3	134
241	DDX3X acts as a live-or-die checkpoint in stressed cells by regulating NLRP3 inflammasome. <i>Nature</i> , 2019 , 573, 590-594	50.4	130
240	RIP1-driven autoinflammation targets IL-1 β independently of inflammasomes and RIP3. <i>Nature</i> , 2013 , 498, 224-7	50.4	129
239	Caspases in Cell Death, Inflammation, and Pyroptosis. <i>Annual Review of Immunology</i> , 2020 , 38, 567-595	34.7	126
238	MiR-155 induction by <i>F. novicida</i> but not the virulent <i>F. tularensis</i> results in SHIP down-regulation and enhanced pro-inflammatory cytokine response. <i>PLoS ONE</i> , 2009 , 4, e8508	3.7	123
237	Synergistic interactions of the plant cell death pathways induced by <i>Phytophthora infestans</i> Nep1-like protein PINPP1.1 and INF1 elicitor. <i>Molecular Plant-Microbe Interactions</i> , 2006 , 19, 854-63	3.6	122
236	Mechanisms governing inflammasome activation, assembly and pyroptosis induction. <i>International Immunology</i> , 2017 , 29, 201-210	4.9	117
235	Role of inflammasomes in host defense against <i>Citrobacter rodentium</i> infection. <i>Journal of Biological Chemistry</i> , 2012 , 287, 16955-64	5.4	115

234	Fungal zymosan and mannan activate the cryopyrin inflammasome. <i>Journal of Biological Chemistry</i> , 2009 , 284, 20574-81	5.4	113
233	Nucleotide-binding oligomerization domain-like receptors: intracellular pattern recognition molecules for pathogen detection and host defense. <i>Journal of Immunology</i> , 2006 , 177, 3507-13	5.3	113
232	Protective roles for caspase-8 and cFLIP in adult homeostasis. <i>Cell Reports</i> , 2013 , 5, 340-8	10.6	112
231	Cutting edge: critical role for PYCARD/ASC in the development of experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2010 , 184, 4610-4	5.3	112
230	IL-1 family cytokines trigger sterile inflammatory disease. <i>Frontiers in Immunology</i> , 2012 , 3, 315	8.4	112
229	NLR3 is an inhibitory sensor of PI3K-mTOR pathways in cancer. <i>Nature</i> , 2016 , 540, 583-587	50.4	112
228	Novel roles for caspase-8 in IL-1 β and inflammasome regulation. <i>American Journal of Pathology</i> , 2015 , 185, 17-25	5.8	110
227	TLR2 senses the SARS-CoV-2 envelope protein to produce inflammatory cytokines. <i>Nature Immunology</i> , 2021 , 22, 829-838	19.1	110
226	TAK1 restricts spontaneous NLRP3 activation and cell death to control myeloid proliferation. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1023-1034	16.6	107
225	Deregulated inflammasome signaling in disease. <i>Immunological Reviews</i> , 2011 , 243, 163-73	11.3	106
224	The expanding role of NLRs in antiviral immunity. <i>Immunological Reviews</i> , 2013 , 255, 13-24	11.3	105
223	The Nlrp3 inflammasome promotes age-related thymic demise and immunosenescence. <i>Cell Reports</i> , 2012 , 1, 56-68	10.6	105
222	MHCII-independent CD4+ T cells protect injured CNS neurons via IL-4. <i>Journal of Clinical Investigation</i> , 2015 , 125, 699-714	15.9	105
221	IL-33 regulates the IgA-microbiota axis to restrain IL-1 β -dependent colitis and tumorigenesis. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4469-4481	15.9	105
220	The inflammasome drives protective Th1 and Th17 cellular responses in disseminated candidiasis. <i>European Journal of Immunology</i> , 2011 , 41, 2260-8	6.1	104
219	Caspase-6 Is a Key Regulator of Innate Immunity, Inflammasome Activation, and Host Defense. <i>Cell</i> , 2020 , 181, 674-687.e13	56.2	100
218	Function and regulation of IL-1 β in inflammatory diseases and cancer. <i>Immunological Reviews</i> , 2018 , 281, 124-137	11.3	100
217	TLR2 and RIP2 pathways mediate autophagy of <i>Listeria monocytogenes</i> via extracellular signal-regulated kinase (ERK) activation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 42981-91	5.4	99

216	The Nod-like receptor family member Naip5/Birc1e restricts Legionella pneumophila growth independently of caspase-1 activation. <i>Journal of Immunology</i> , 2007 , 178, 8022-7	5.3	99
215	Inflammasome control of viral infection. <i>Current Opinion in Virology</i> , 2015 , 12, 38-46	7.5	98
214	NALP3 inflammasome upregulation and CASP1 cleavage of the glucocorticoid receptor cause glucocorticoid resistance in leukemia cells. <i>Nature Genetics</i> , 2015 , 47, 607-14	36.3	96
213	Role of the Nalp3 inflammasome in acetaminophen-induced sterile inflammation and liver injury. <i>Toxicology and Applied Pharmacology</i> , 2011 , 252, 289-97	4.6	96
212	Nlrp3: an immune sensor of cellular stress and infection. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 792-5	5.6	96
211	IRF8 Regulates Transcription of Naips for NLRC4 Inflammasome Activation. <i>Cell</i> , 2018 , 173, 920-933.e1356.2	56.2	95
210	Chronic TLR Stimulation Controls NLRP3 Inflammasome Activation through IL-10 Mediated Regulation of NLRP3 Expression and Caspase-8 Activation. <i>Scientific Reports</i> , 2015 , 5, 14488	4.9	91
209	Cutting edge: STING mediates protection against colorectal tumorigenesis by governing the magnitude of intestinal inflammation. <i>Journal of Immunology</i> , 2014 , 193, 4779-82	5.3	89
208	ZBP1/DAI ubiquitination and sensing of influenza vRNPs activate programmed cell death. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2217-2229	16.6	88
207	Salmonella exploits NLRP12-dependent innate immune signaling to suppress host defenses during infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 385-90	11.5	88
206	The inflammasome adaptor ASC regulates the function of adaptive immune cells by controlling Dock2-mediated Rac activation and actin polymerization. <i>Nature Immunology</i> , 2011 , 12, 1010-6	19.1	88
205	Toward targeting inflammasomes: insights into their regulation and activation. <i>Cell Research</i> , 2020 , 30, 315-327	24.7	87
204	Rewiring cellular metabolism via the AKT/mTOR pathway contributes to host defence against Mycobacterium tuberculosis in human and murine cells. <i>European Journal of Immunology</i> , 2016 , 46, 2574-2586	6.1	87
203	Signaling via the RIP2 adaptor protein in central nervous system-infiltrating dendritic cells promotes inflammation and autoimmunity. <i>Immunity</i> , 2011 , 34, 75-84	32.3	87
202	Cutting edge: proteolytic inactivation of poly(ADP-ribose) polymerase 1 by the Nlrp3 and Nlrc4 inflammasomes. <i>Journal of Immunology</i> , 2010 , 185, 3127-30	5.3	87
201	Coronaviruses: Innate Immunity, Inflammasome Activation, Inflammatory Cell Death, and Cytokines. <i>Trends in Immunology</i> , 2020 , 41, 1083-1099	14.4	87
200	Critical role for inflammasome-independent IL-1 β production in osteomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1066-71	11.5	86
199	ZBP1: Innate Sensor Regulating Cell Death and Inflammation. <i>Trends in Immunology</i> , 2018 , 39, 123-134	14.4	86

198	Flagellin-induced NLRC4 phosphorylation primes the inflammasome for activation by NAIP5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1541-6	11.5	85
197	An NLRP3 inflammasome-triggered Th2-biased adaptive immune response promotes leishmaniasis. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1329-38	15.9	85
196	Inflammasome-independent role of the apoptosis-associated speck-like protein containing CARD (ASC) in the adjuvant effect of MF59. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2927-32	11.5	85
195	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activity-independent pyroptosis, apoptosis, necroptosis, and inflammatory disease. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	85
194	ZBP1 and TAK1: Master Regulators of NLRP3 Inflammasome/Pyroptosis, Apoptosis, and Necroptosis (PAN-optosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 406	5.9	85
193	Differential roles of caspase-1 and caspase-11 in infection and inflammation. <i>Scientific Reports</i> , 2017 , 7, 45126	4.9	84
192	Identification of the PANoptosome: A Molecular Platform Triggering Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 237	5.9	84
191	Inflammasome-derived IL-1 β regulates the production of GM-CSF by CD4(+) T cells and $\gamma\delta$ T cells. <i>Journal of Immunology</i> , 2012 , 188, 3107-15	5.3	84
190	Unsolved Mysteries in NLR Biology. <i>Frontiers in Immunology</i> , 2013 , 4, 285	8.4	82
189	NOD-like receptor (NLR) signaling beyond the inflammasome. <i>European Journal of Immunology</i> , 2010 , 40, 624-7	6.1	82
188	Occurrence of ochratoxin A in black pepper, coriander, ginger and turmeric in India. <i>Food Additives and Contaminants</i> , 2001 , 18, 830-5		82
187	Inflammasome Activation by Bacterial Outer Membrane Vesicles Requires Guanylate Binding Proteins. <i>MBio</i> , 2017 , 8,	7.8	81
186	Signaling via the kinase p38 β programs dendritic cells to drive TH17 differentiation and autoimmune inflammation. <i>Nature Immunology</i> , 2012 , 13, 152-61	19.1	81
185	HMGB1 release by inflammasomes. <i>Virulence</i> , 2011 , 2, 162-5	4.7	80
184	Gasdermin D: the long-awaited executioner of pyroptosis. <i>Cell Research</i> , 2015 , 25, 1183-4	24.7	79
183	Impaired NLRP3 inflammasome activation/pyroptosis leads to robust inflammatory cell death via caspase-8/RIPK3 during coronavirus infection. <i>Journal of Biological Chemistry</i> , 2020 , 295, 14040-14052	5.4	76
182	NLRP3 inflammasome in cancer and metabolic diseases. <i>Nature Immunology</i> , 2021 , 22, 550-559	19.1	76
181	Role of AIM2 inflammasome in inflammatory diseases, cancer and infection. <i>European Journal of Immunology</i> , 2019 , 49, 1998-2011	6.1	75

180	Regulation of lysosomal dynamics and autophagy by CTSB/cathepsin B. <i>Autophagy</i> , 2016 , 12, 2504-2505	10.2	73
179	Caspase-1 Engagement and TLR-Induced c-FLIP Expression Suppress ASC/Caspase-8-Dependent Apoptosis by Inflammasome Sensors NLRP1b and NLRC4. <i>Cell Reports</i> , 2017 , 21, 3427-3444	10.6	73
178	Caspase-11 is expressed in the colonic mucosa and protects against dextran sodium sulfate-induced colitis. <i>Mucosal Immunology</i> , 2014 , 7, 1480-91	9.2	72
177	Inflammasome-independent role of apoptosis-associated speck-like protein containing a CARD (ASC) in T cell priming is critical for collagen-induced arthritis. <i>Journal of Biological Chemistry</i> , 2010 , 285, 12454-62	5.4	72
176	Role of type I interferons in inflammasome activation, cell death, and disease during microbial infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013 , 3, 77	5.9	71
175	SYK-CARD9 Signaling Axis Promotes Gut Fungi-Mediated Inflammasome Activation to Restrict Colitis and Colon Cancer. <i>Immunity</i> , 2018 , 49, 515-530.e5	32.3	71
174	Development and application of an indirect competitive enzyme-linked immunoassay for aflatoxin m(1) in milk and milk-based confectionery. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 933-7	5.7	70
173	The NLRP12 Sensor Negatively Regulates Autoinflammatory Disease by Modulating Interleukin-4 Production in T Cells. <i>Immunity</i> , 2015 , 42, 654-64	32.3	68
172	Production of polyclonal antibodies against ochratoxin A and its detection in chilies by ELISA. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 5079-82	5.7	68
171	NLRP3 inflammasome plays a redundant role with caspase 8 to promote IL-1 β -mediated osteomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4452-7	11.5	68
170	Gasdermin D mediates the pathogenesis of neonatal-onset multisystem inflammatory disease in mice. <i>PLoS Biology</i> , 2018 , 16, e3000047	9.7	68
169	Bypassing pathogen-induced inflammasome activation for the regulation of interleukin-1 β production by the fungal pathogen <i>Candida albicans</i> . <i>Journal of Infectious Diseases</i> , 2009 , 199, 1087-96	7	66
168	The PANoptosome: A Deadly Protein Complex Driving Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 238	5.9	64
167	Interferon-inducible guanylate-binding proteins at the interface of cell-autonomous immunity and inflammasome activation. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 143-150	6.5	64
166	Aluminum enhances inflammation and decreases mucosal healing in experimental colitis in mice. <i>Mucosal Immunology</i> , 2014 , 7, 589-601	9.2	63
165	Reactive oxygen species regulate caspase-11 expression and activation of the non-canonical NLRP3 inflammasome during enteric pathogen infection. <i>PLoS Pathogens</i> , 2014 , 10, e1004410	7.6	63
164	Role of the nlrp3 inflammasome in microbial infection. <i>Frontiers in Microbiology</i> , 2011 , 2, 12	5.7	63
163	The regulation of the ZBP1-NLRP3 inflammasome and its implications in pyroptosis, apoptosis, and necroptosis (PANoptosis). <i>Immunological Reviews</i> , 2020 , 297, 26-38	11.3	61

162	Cutting Edge: Distinct Regulatory Mechanisms Control Proinflammatory Cytokines IL-18 and IL-1 β . <i>Journal of Immunology</i> , 2017 , 198, 4210-4215	5.3	60
161	Oxidized Low-Density Lipoprotein Immune Complex Priming of the Nlrp3 Inflammasome Involves TLR and Fc γ R Cooperation and Is Dependent on CARD9. <i>Journal of Immunology</i> , 2017 , 198, 2105-2114	5.3	59
160	Pyrin Inflammasome Regulates Tight Junction Integrity to Restrict Colitis and Tumorigenesis. <i>Gastroenterology</i> , 2018 , 154, 948-964.e8	13.3	57
159	Recognition of <i>Borrelia burgdorferi</i> by NOD2 is central for the induction of an inflammatory reaction. <i>Journal of Infectious Diseases</i> , 2010 , 201, 1849-58	7	57
158	Computational and comparative analyses of 150 full-length cDNA sequences from the oomycete plant pathogen <i>Phytophthora infestans</i> . <i>Fungal Genetics and Biology</i> , 2006 , 43, 20-33	3.9	57
157	Mitochondrial Stress-Initiated Aberrant Activation of the NLRP3 Inflammasome Regulates the Functional Deterioration of Hematopoietic Stem Cell Aging. <i>Cell Reports</i> , 2019 , 26, 945-954.e4	10.6	56
156	A functional genetic assay for nuclear trafficking in plants. <i>Plant Journal</i> , 2007 , 50, 149-58	6.9	56
155	The host range of Tobacco streak virus in India and transmission by thrips. <i>Annals of Applied Biology</i> , 2003 , 142, 365-368	2.6	56
154	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. <i>Nature Microbiology</i> , 2017 , 2, 1435-1445	26.6	54
153	Innate immunity against <i>Leishmania</i> infections. <i>Cellular Microbiology</i> , 2015 , 17, 1286-94	3.9	53
152	Inflammasome activation in obesity-related inflammatory diseases and autoimmunity. <i>Discovery Medicine</i> , 2011 , 12, 65-74	2.5	53
151	The Z β domain of ZBP1 is a molecular switch regulating influenza-induced PANoptosis and perinatal lethality during development. <i>Journal of Biological Chemistry</i> , 2020 , 295, 8325-8330	5.4	52
150	Production and characterization of monoclonal antibodies for aflatoxin B1. <i>Letters in Applied Microbiology</i> , 1999 , 29, 284-8	2.9	52
149	IRF1 Is a Transcriptional Regulator of ZBP1 Promoting NLRP3 Inflammasome Activation and Cell Death during Influenza Virus Infection. <i>Journal of Immunology</i> , 2018 , 200, 1489-1495	5.3	50
148	Triggers a cGAS-Independent STING Pathway To Induce Host Protection That Involves Guanylate-Binding Proteins and Inflammasome Activation. <i>Journal of Immunology</i> , 2018 , 200, 607-622	5.3	49
147	Interferon regulatory factor 1 regulates PANoptosis to prevent colorectal cancer. <i>JCI Insight</i> , 2020 , 5,	9.9	48
146	Caspase-7 deficiency protects from endotoxin-induced lymphocyte apoptosis and improves survival. <i>Blood</i> , 2009 , 113, 2742-5	2.2	47
145	Occurrence of Tobacco streak virus on Peanut (<i>Arachis hypogaea</i>) in India. <i>Plant Disease</i> , 2002 , 86, 173-178		47

144	Regulation and functions of NLRP3 inflammasome during influenza virus infection. <i>Molecular Immunology</i> , 2017 , 86, 56-64	4.3	45
143	Cathepsin B modulates lysosomal biogenesis and host defense against Francisella novicida infection. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2081-97	16.6	45
142	Inflammatory Bowel Disease and the NLRP3 Inflammasome. <i>New England Journal of Medicine</i> , 2017 , 377, 694-696	59.2	44
141	The inflammasome: firing up innate immunity. <i>Immunological Reviews</i> , 2015 , 265, 1-5	11.3	43
140	IL-10 engages macrophages to shift Th17 cytokine dependency and pathogenicity during T-cell-mediated colitis. <i>Nature Communications</i> , 2015 , 6, 6131	17.4	43
139	Signaling by the phosphatase MKP-1 in dendritic cells imprints distinct effector and regulatory T cell fates. <i>Immunity</i> , 2011 , 35, 45-58	32.3	43
138	Lung γ T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. <i>Immunity</i> , 2018 , 49, 531-544.e6	32.3	43
137	Differential role of the NLRP3 inflammasome in infection and tumorigenesis. <i>Immunology</i> , 2019 , 156, 329-338	7.8	41
136	Tyrosine Kinase SYK Licenses MyD88 Adaptor Protein to Instigate IL-1 β Mediated Inflammatory Disease. <i>Immunity</i> , 2017 , 46, 635-648	32.3	40
135	Cutting edge: SHARPIN is required for optimal NLRP3 inflammasome activation. <i>Journal of Immunology</i> , 2015 , 194, 2064-7	5.3	39
134	Regulation of immune pathways by the NOD-like receptor NLRC5. <i>Immunobiology</i> , 2012 , 217, 13-6	3.4	39
133	Fungal ligands released by innate immune effectors promote inflammasome activation during Aspergillus fumigatus infection. <i>Nature Microbiology</i> , 2019 , 4, 316-327	26.6	39
132	Inflammasomes and the fine line between defense and disease. <i>Current Opinion in Immunology</i> , 2020 , 62, 39-44	7.8	38
131	Innate immunity: the first line of defense against SARS-CoV-2.. <i>Nature Immunology</i> , 2022 , 23, 165-176	19.1	37
130	NLRC3 regulates cellular proliferation and apoptosis to attenuate the development of colorectal cancer. <i>Cell Cycle</i> , 2017 , 16, 1243-1251	4.7	36
129	DNA Sensing in the Innate Immune Response. <i>Physiology</i> , 2020 , 35, 112-124	9.8	36
128	The Cytokine storm: molecular mechanisms and therapeutic prospects. <i>Trends in Immunology</i> , 2021 , 42, 681-705	14.4	36
127	Nucleotide oligomerization and binding domain 2-dependent dendritic cell activation is necessary for innate immunity and optimal CD8 $^{+}$ T Cell responses to influenza A virus infection. <i>Journal of Virology</i> , 2014 , 88, 8946-55	6.6	35

126	NLRP6 in infection and inflammation. <i>Microbes and Infection</i> , 2013 , 15, 661-8	9.3	35
125	Caspase-8-Dependent Inflammatory Responses Are Controlled by Its Adaptor, FADD, and Necroptosis. <i>Immunity</i> , 2020 , 52, 994-1006.e8	32.3	35
124	Autoinflammatory Skin Disorders: The Inflammasome in Focus. <i>Trends in Molecular Medicine</i> , 2016 , 22, 545-564	11.5	34
123	Asc-dependent and independent mechanisms contribute to restriction of legionella pneumophila infection in murine macrophages. <i>Frontiers in Microbiology</i> , 2011 , 2, 18	5.7	34
122	From pyroptosis, apoptosis and necroptosis to PANoptosis: A mechanistic compendium of programmed cell death pathways. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 4641-4657	6.8	34
121	Gasdermin D Flashes an Exit Signal for IL-1. <i>Immunity</i> , 2018 , 48, 1-3	32.3	33
120	<i>Borrelia</i> species induce inflammasome activation and IL-17 production through a caspase-1-dependent mechanism. <i>European Journal of Immunology</i> , 2011 , 41, 172-81	6.1	33
119	AIM2 forms a complex with pyrin and ZBP1 to drive PANoptosis and host defence. <i>Nature</i> , 2021 , 597, 415-419	50.4	33
118	Autophagy is redundant for the host defense against systemic <i>Candida albicans</i> infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014 , 33, 711-22	5.3	31
117	Reciprocal regulation of activating and inhibitory Fc{gamma} receptors by TLR7/8 activation: implications for tumor immunotherapy. <i>Clinical Cancer Research</i> , 2010 , 16, 2065-75	12.9	31
116	Guanylate binding proteins facilitate caspase-11-dependent pyroptosis in response to type 3 secretion system-negative. <i>Cell Death Discovery</i> , 2018 , 4, 3	6.9	30
115	Genetic deficiency of NOD2 confers resistance to invasive aspergillosis. <i>Nature Communications</i> , 2018 , 9, 2636	17.4	30
114	Occurrence of aflatoxins and ochratoxin A in Indian poultry feeds. <i>Journal of Food Protection</i> , 2002 , 65, 1338-40	2.5	30
113	ZBP1 promotes fungi-induced inflammasome activation and pyroptosis, apoptosis, and necroptosis (PANoptosis). <i>Journal of Biological Chemistry</i> , 2020 , 295, 18276-18283	5.4	30
112	PANoptosis in microbial infection. <i>Current Opinion in Microbiology</i> , 2021 , 59, 42-49	7.9	30
111	Cell death-mediated cytokine release and its therapeutic implications. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1474-1486	16.6	29
110	The role of inflammasome modulation in virulence. <i>Virulence</i> , 2012 , 3, 262-70	4.7	29
109	DNA-sensing inflammasomes: regulation of bacterial host defense and the gut microbiota. <i>Pathogens and Disease</i> , 2016 , 74, ftw028	4.2	29

108	Gasdermin D Promotes AIM2 Inflammasome Activation and Is Required for Host Protection against. <i>Journal of Immunology</i> , 2018 , 201, 3662-3668	5.3	29
107	MiR-155 induction by microbes/microbial ligands requires NF- κ B-dependent de novo protein synthesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012 , 2, 73	5.9	28
106	Serological Methods for Detection of Polymyxa graminis, an Obligate Root Parasite and Vector of Plant Viruses. <i>Phytopathology</i> , 2000 , 90, 537-45	3.8	28
105	Galactosaminogalactan activates the inflammasome to provide host protection. <i>Nature</i> , 2020 , 588, 688-694	5.4	28
104	Immune responses against protozoan parasites: a focus on the emerging role of Nod-like receptors. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 3035-51	10.3	28
103	Membrane damage during <i>Listeria monocytogenes</i> infection triggers a caspase-7 dependent cytoprotective response. <i>PLoS Pathogens</i> , 2012 , 8, e1002628	7.6	27
102	Inflammatory cell death in intestinal pathologies. <i>Immunological Reviews</i> , 2017 , 280, 57-73	11.3	26
101	Guanylate Binding Proteins Regulate Inflammasome Activation in Response to Hyperinjected <i>Yersinia</i> Translocon Components. <i>Infection and Immunity</i> , 2017 , 85,	3.7	26
100	TNF/TNFR axis promotes pyrin inflammasome activation and distinctly modulates pyrin inflammasomopathy. <i>Journal of Clinical Investigation</i> , 2019 , 129, 150-162	15.9	25
99	Detrimental Type I Interferon Signaling Dominates Protective AIM2 Inflammasome Responses during <i>Francisella novicida</i> Infection. <i>Cell Reports</i> , 2018 , 22, 3168-3174	10.6	24
98	Innate immune adaptor MyD88 deficiency prevents skin inflammation in SHARPIN-deficient mice. <i>Cell Death and Differentiation</i> , 2019 , 26, 741-750	12.7	24
97	Beyond canonical inflammasomes: emerging pathways in IL-1-mediated autoinflammatory disease. <i>Seminars in Immunopathology</i> , 2014 , 36, 595-609	12	24
96	Phage-displayed peptides that mimic aflatoxin B1 in serological reactivity. <i>Journal of Applied Microbiology</i> , 2001 , 90, 330-6	4.7	24
95	ASK1/2 signaling promotes inflammation in a mouse model of neutrophilic dermatosis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2042-2047	15.9	24
94	Inflammasomes in the pathophysiology of autoinflammatory syndromes. <i>Journal of Leukocyte Biology</i> , 2020 , 107, 379-391	6.5	24
93	Priming and Activation of Inflammasome by Canarypox Virus Vector ALVAC via the cGAS/IFI16-STING-Type I IFN Pathway and AIM2 Sensor. <i>Journal of Immunology</i> , 2017 , 199, 3293-3305	5.3	21
92	Mice Deficient in the IL-1 β Activation Genes Prtn3, Elane, and Casp1 Are Protected Against the Development of Obesity-Induced NAFLD. <i>Inflammation</i> , 2020 , 43, 1054-1064	5.1	21
91	IL-1 β and Caspase-1 Drive Autoinflammatory Disease Independently of IL-1 β Caspase-8 in a Mouse Model of Familial Mediterranean Fever. <i>American Journal of Pathology</i> , 2017 , 187, 236-244	5.8	20

90	Innate immune recognition of mtDNA--an undercover signal?. <i>Cell Metabolism</i> , 2015 , 21, 793-4	24.6	20
89	Inflammatory Cell Death, PANoptosis, Mediated by Cytokines in Diverse Cancer Lineages Inhibits Tumor Growth. <i>ImmunoHorizons</i> , 2021 , 5, 568-580	2.7	20
88	Sterile particle-induced inflammation is mediated by macrophages releasing IL-33 through a Bruton's tyrosine kinase-dependent pathway. <i>Nature Materials</i> , 2019 , 18, 289-297	27	18
87	DDX3X Suppresses the Susceptibility of Hindbrain Lineages to Medulloblastoma. <i>Developmental Cell</i> , 2020 , 54, 455-470.e5	10.2	18
86	RIPK1 Distinctly Regulates -Induced Inflammatory Cell Death, PANoptosis. <i>ImmunoHorizons</i> , 2020 , 4, 789-796	2.7	18
85	Recognition of <i>Coxiella burnetii</i> by toll-like receptors and nucleotide-binding oligomerization domain-like receptors. <i>Journal of Infectious Diseases</i> , 2015 , 211, 978-87	7	17
84	Cutting Edge: Dysregulated CARD9 Signaling in Neutrophils Drives Inflammation in a Mouse Model of Neutrophilic Dermatoses. <i>Journal of Immunology</i> , 2018 , 201, 1639-1644	5.3	17
83	Addendum: defective Dock2 expression in a subset of ASC-deficient mouse lines. <i>Nature Immunology</i> , 2012 , 13, 701-2	19.1	17
82	The inflammasome: a remote control for metabolic syndrome. <i>Cell Research</i> , 2012 , 22, 1095-8	24.7	17
81	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. <i>Cell Reports</i> , 2021 , 37, 109858	10.6	17
80	Distinct role of IL-1 β in instigating disease in Sharpin mice. <i>Scientific Reports</i> , 2016 , 6, 36634	4.9	17
79	Enhanced IL-1 β production is mediated by a TLR2-MYD88-NLRP3 signaling axis during coinfection with influenza A virus and <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2019 , 14, e0212236	3.7	16
78	Murine <i>Borrelia arthritis</i> is highly dependent on ASC and caspase-1, but independent of NLRP3. <i>Arthritis Research and Therapy</i> , 2012 , 14, R247	5.7	16
77	Osteoclast fusion and bone loss are restricted by interferon inducible guanylate binding proteins. <i>Nature Communications</i> , 2021 , 12, 496	17.4	16
76	Critical role of caspase-8-mediated IL-1 signaling in promoting Th2 responses during asthma pathogenesis. <i>Mucosal Immunology</i> , 2017 , 10, 128-138	9.2	15
75	NLRP12 in innate immunity and inflammation. <i>Molecular Aspects of Medicine</i> , 2020 , 76, 100887	16.7	15
74	The Absence of NOD1 Enhances Killing of Through Modulation of Dectin-1 Expression. <i>Frontiers in Immunology</i> , 2017 , 8, 1777	8.4	14
73	Autophagy modulates <i>Borrelia burgdorferi</i> -induced production of interleukin-1 β [IL-1 β]. <i>Journal of Biological Chemistry</i> , 2013 , 288, 8658-8666	5.4	14

72	Dynamics of Polymyxa graminis and Indian peanut clump virus (IPCV) infection on various monocotyledonous crops and groundnut during the rainy season. <i>Plant Pathology</i> , 2002 , 51, 546-560	2.8	14
71	Synergism of TNF- α and IFN- γ triggers inflammatory cell death, tissue damage, and mortality in SARS-CoV-2 infection and cytokine shock syndromes 2020 ,		14
70	Deficiency of the NOD-Like Receptor NLRC5 Results in Decreased CD8 T Cell Function and Impaired Viral Clearance. <i>Journal of Virology</i> , 2017 , 91,	6.6	13
69	SHP-1 and IL-1 β conspire to provoke neutrophilic dermatoses. <i>Rare Diseases (Austin, Tex.)</i> , 2014 , 2, e27742		13
68	K+ drops tilt the NLRP3 inflammasome. <i>Immunity</i> , 2013 , 38, 1085-8	32.3	13
67	Inflammasomes and Intestinal Tumorigenesis. <i>Drug Discovery Today Disease Mechanisms</i> , 2011 , 8, e71-e78		13
66	The innate immune system and cell death in autoinflammatory and autoimmune disease. <i>Current Opinion in Immunology</i> , 2020 , 67, 95-105	7.8	13
65	IRF8 Regulates Gram-Negative Bacteria-Mediated NLRP3 Inflammasome Activation and Cell Death. <i>Journal of Immunology</i> , 2020 , 204, 2514-2522	5.3	12
64	Hemagglutinin Stability Regulates H1N1 Influenza Virus Replication and Pathogenicity in Mice by Modulating Type I Interferon Responses in Dendritic Cells. <i>Journal of Virology</i> , 2020 , 94,	6.6	12
63	ASK Family Kinases Are Required for Optimal NLRP3 Inflammasome Priming. <i>American Journal of Pathology</i> , 2018 , 188, 1021-1030	5.8	12
62	DOCK2 confers immunity and intestinal colonization resistance to Citrobacter rodentium infection. <i>Scientific Reports</i> , 2016 , 6, 27814	4.9	12
61	Toll-like receptor β induced cytotoxic T-lymphocyte-associated protein β regulates Aspergillus-induced regulatory T-cells with pro-inflammatory characteristics. <i>Scientific Reports</i> , 2017 , 7, 11500	4.9	12
60	Advances in Understanding Activation and Function of the NLRC4 Inflammasome. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	12
59	In planta expression of oomycete and fungal genes. <i>Methods in Molecular Biology</i> , 2007 , 354, 35-43	1.4	11
58	A comprehensive guide to studying inflammasome activation and cell death. <i>Nature Protocols</i> , 2020 , 15, 3284-3333	18.8	11
57	Inflammasome activation by nucleic acids and nucleosomes in sterile inflammation is it sterile?. <i>FEBS Journal</i> , 2017 , 284, 2363-2374	5.7	10
56	Intracellular innate immune receptors: Life inside the cell. <i>Immunological Reviews</i> , 2020 , 297, 5-12	11.3	10
55	Microbiota and caspase-1/caspase-8 regulate IL-1 β -mediated bone disease. <i>Gut Microbes</i> , 2016 , 7, 334-343	18.8	10

54	Pyroptosis in Antiviral Immunity. <i>Current Topics in Microbiology and Immunology</i> , 2019 , 1	3.3	10
53	Interferon inducible GBPs restrict <i>Burkholderia thailandensis</i> motility induced cell-cell fusion. <i>PLoS Pathogens</i> , 2020 , 16, e1008364	7.6	9
52	Stressed-out ROS take a silent death route. <i>Nature Immunology</i> , 2018 , 19, 103-105	19.1	9
51	Hidden Aspects of Valency in Immune System Regulation. <i>Trends in Immunology</i> , 2019 , 40, 1082-1094	14.4	8
50	NLRP3 inflammasome activation triggers gasdermin D-independent inflammation. <i>Science Immunology</i> , 2021 , 6, eabj3859	28	7
49	The nonreceptor tyrosine kinase SYK drives caspase-8/NLRP3 inflammasome-mediated autoinflammatory osteomyelitis. <i>Journal of Biological Chemistry</i> , 2020 , 295, 3394-3400	5.4	7
48	ZBP1: A STARGATE to decode the biology of Z-nucleic acids in disease. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	7
47	Advances in Inflammasome Research: Recent Breakthroughs and Future Hurdles. <i>Trends in Molecular Medicine</i> , 2020 , 26, 969-971	11.5	7
46	Role of inflammasomes/pyroptosis and PANoptosis during fungal infection. <i>PLoS Pathogens</i> , 2021 , 17, e1009358	7.6	7
45	Deletion of hematopoietic Dectin-2 or CARD9 does not protect against atherosclerotic plaque formation in hyperlipidemic mice. <i>Scientific Reports</i> , 2019 , 9, 4337	4.9	6
44	A20 is a regulator of necroptosis. <i>Nature Immunology</i> , 2015 , 16, 596-7	19.1	6
43	Fat chance: not much against NKT cells. <i>Immunity</i> , 2012 , 37, 447-9	32.3	6
42	Autophagy suppresses host adaptive immune responses toward <i>Borrelia burgdorferi</i> . <i>Journal of Leukocyte Biology</i> , 2016 , 100, 589-98	6.5	6
41	The inflammasome starts rolling. <i>Nature Reviews Immunology</i> , 2018 , 18, 483	36.5	6
40	Programming inflammatory cell death for therapy. <i>Pharmacology & Therapeutics</i> , 2021 , 108010	13.9	5
39	DDX3X coordinates host defense against influenza virus by activating the NLRP3 inflammasome and type I interferon response. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100579	5.4	5
38	PANoptosis in Viral Infection: The Missing Puzzle Piece in the Cell Death Field. <i>Journal of Molecular Biology</i> , 2021 , 167249	6.5	5
37	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection.. <i>Science Immunology</i> , 2022 , eabo6294	28	5

36	Drak2 is not required for tumor surveillance and suppression. <i>International Immunology</i> , 2015 , 27, 161-6	4.9	4
35	DDX3X Sits at the Crossroads of Liquid-Liquid and Prionoid Phase Transitions Arbitrating Life and Death Cell Fate Decisions in Stressed Cells. <i>DNA and Cell Biology</i> , 2020 , 39, 1091-1095	3.6	4
34	Newly Identified Function of Caspase-6 in ZBP1-mediated Innate Immune Responses, NLRP3 Inflammasome Activation, PANoptosis, and Host Defense. <i>Journal of Cellular Immunology</i> , 2020 , 2, 341-347	1.9	4
33	CovidExpress: an interactive portal for intuitive investigation on SARS-CoV-2 related transcriptomes 2021 ,		4
32	Hierarchical Cell Death Program Disrupts the Intracellular Niche Required for Burkholderia thailandensis Pathogenesis. <i>MBio</i> , 2021 , 12, e0105921	7.8	4
31	Targeting Apoptosis Inhibition to Activate Antitumor Immunity. <i>Trends in Immunology</i> , 2019 , 40, 1073-1074	1.4	4
30	The signposts and winding roads to immunity and inflammation. <i>Nature Reviews Immunology</i> , 2019 , 19, 81-82	36.5	4
29	Fueling Ketone Metabolism Quenches Salt-Induced Hypertension. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 145-147	8.8	3
28	Ets-2 deletion in myeloid cells attenuates IL-1 β -mediated inflammatory disease caused by a Ptpn6 point mutation. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1798-1808	15.4	3
27	Food for Training-Western Diet and Inflammatory Memory. <i>Cell Metabolism</i> , 2018 , 27, 481-482	24.6	3
26	Cutting Edge: Caspase-8 Is a Linchpin in Caspase-3 and Gasdermin D Activation to Control Cell Death, Cytokine Release, and Host Defense during Influenza A Virus Infection. <i>Journal of Immunology</i> , 2021 , 207, 2411-2416	5.3	3
25	RIPK3 Promotes Expression and Pyrin Inflammasome Activation via Modulation of mTOR Signaling. <i>Journal of Immunology</i> , 2020 , 205, 2778-2785	5.3	3
24	A MyD88/IL1R Axis Regulates PD-1 Expression on Tumor-Associated Macrophages and Sustains Their Immunosuppressive Function in Melanoma. <i>Cancer Research</i> , 2021 , 81, 2358-2372	10.1	3
23	Acute IL-4 Governs Pathogenic T Cell Responses during Infection. <i>ImmunoHorizons</i> , 2020 , 4, 546-560	2.7	2
22	Fostering experimental and computational synergy to modulate hyperinflammation. <i>Trends in Immunology</i> , 2021 ,	14.4	2
21	Caspase-6 promotes activation of the caspase-11-NLRP3 inflammasome during gram-negative bacterial infections. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101379	5.4	2
20	Deletion of haematopoietic Dectin-2 or CARD9 does not protect from atherosclerosis development under hyperglycaemic conditions. <i>Diabetes and Vascular Disease Research</i> , 2020 , 17, 1479164119892140	3.3	2
19	It's All in the PAN: Crosstalk, Plasticity, Redundancies, Switches, and Interconnectedness Encompassed by PANoptosis Underlying the Totality of Cell Death-Associated Biological Effects.. <i>Cells</i> , 2022 , 11,	7.9	2

18	War on Viruses: LC3 Recruits GTPases. <i>Cell Host and Microbe</i> , 2017 , 22, 7-9	23.4	1
17	Fungal cell wall components modulate our immune system. <i>Cell Surface</i> , 2021 , 7, 100067	4.8	1
16	HA stability regulates H1N1 influenza virus replication and pathogenicity in mice by modulating type I interferon responses in dendritic cells		1
15	Sepsis take-out: Inhibiting bacterial deliveries. <i>Immunity</i> , 2021 , 54, 399-401	32.3	1
14	Activation of GSDME compensates for GSDMD deficiency in a mouse model of NLRP3 inflammasomopathy		1
13	NLRC4 Deficiency Leads to Enhanced Phosphorylation of MLKL and Necroptosis.. <i>ImmunoHorizons</i> , 2022 , 6, 243-252	2.7	1
12	DEAD/H-Box Helicases in Immunity, Inflammation, Cell Differentiation, and Cell Death and Disease. <i>Cells</i> , 2022 , 11, 1608	7.9	1
11	cGAMP: A tale of two signals. <i>Journal of Experimental Medicine</i> , 2017 , 214, 3471-3473	16.6	0
10	Metabolic regulation of pyroptotic cell death expands the therapeutic landscape for treating inflammatory disease. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 37	21	0
9	On the Road to Discovering the Elusive Executioner of Pyroptosis. <i>Journal of Immunology</i> , 2019 , 202, 1911-1912	5.3	
8	Type I Interferon Keeps IL-1 β in Check. <i>Cell Host and Microbe</i> , 2016 , 19, 272-4	23.4	
7	P-227 NLRP12 Dampens Host Defense Responses Against Bacterial Gastroenteritis. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, S114-S115	4.5	
6	The Role of RIP2 in Experimental Colitis. <i>Inflammatory Bowel Diseases</i> , 2012 , 18, S111	4.5	
5	The NLRC4 inflammasome requires IRF8-dependent production of NAIPs. <i>Cell Stress</i> , 2018 , 2, 144-146	5.5	
4	Regulators of Inflammatory Responses. <i>FASEB Journal</i> , 2019 , 33, 218.2	0.9	
3	TLR7/8 Differentially Regulates Fc γ Receptor Expression and Function.. <i>Blood</i> , 2009 , 114, 3594-3594	2.2	
2	The Role of Inflammasomes in Viral Infection 2011 , 51-64		
1	Intestinal t β e- α t β e: helminths blunt immunity against flaviviruses. <i>Cell Research</i> , 2021 , 31, 723-724	24.7	

