

# Thirumala-Devi Kanneganti

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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	Innate immunity: the first line of defense against SARS-CoV-2.. <i>Nature Immunology</i> , <b>2022</b> , 23, 165-176	19.1	37
304	NLRC4 Deficiency Leads to Enhanced Phosphorylation of MLKL and Necroptosis.. <i>ImmunoHorizons</i> , <b>2022</b> , 6, 243-252	2.7	1
303	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> , <b>2022</b> , 11,	7.9	2
302	DEAD/H-Box Helicases in Immunity, Inflammation, Cell Differentiation, and Cell Death and Disease. <i>Cells</i> , <b>2022</b> , 11, 1608	7.9	1
301	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection.. <i>Science Immunology</i> , <b>2022</b> , eabo6294	28	5
300	Ets-2 deletion in myeloid cells attenuates IL-1 $\beta$ -mediated inflammatory disease caused by a Ptpn6 point mutation. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 1798-1808	15.4	3
299	Fungal cell wall components modulate our immune system. <i>Cell Surface</i> , <b>2021</b> , 7, 100067	4.8	1
298	Fostering experimental and computational synergy to modulate hyperinflammation. <i>Trends in Immunology</i> , <b>2021</b> ,	14.4	2
297	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. <i>Cell Reports</i> , <b>2021</b> , 37, 109858	10.6	17
296	Programming inflammatory cell death for therapy. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 108010	13.9	5
295	NLRP3 inflammasome activation triggers gasdermin D-independent inflammation. <i>Science Immunology</i> , <b>2021</b> , 6, eabj3859	28	7
294	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> , <b>2021</b> , 207, 2411-2416	5.3	3
293	Caspase-6 promotes activation of the caspase-11-NLRP3 inflammasome during gram-negative bacterial infections. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 101379	5.4	2
292	Sepsis take-out: Inhibiting bacterial deliveries. <i>Immunity</i> , <b>2021</b> , 54, 399-401	32.3	1
291	NLRP3 inflammasome in cancer and metabolic diseases. <i>Nature Immunology</i> , <b>2021</b> , 22, 550-559	19.1	76
290	Role of inflammasomes/pyroptosis and PANoptosis during fungal infection. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009358	7.6	7
289	Intestinal t $\beta$ e- $\beta$ e: helminths blunt immunity against flaviviruses. <i>Cell Research</i> , <b>2021</b> , 31, 723-724	24.7	

288	CovidExpress: an interactive portal for intuitive investigation on SARS-CoV-2 related transcriptomes <b>2021</b> ,		4
287	TLR2 senses the SARS-CoV-2 envelope protein to produce inflammatory cytokines. <i>Nature Immunology</i> , <b>2021</b> , 22, 829-838	19.1	110
286	Hierarchical Cell Death Program Disrupts the Intracellular Niche Required for <i>Burkholderia thailandensis</i> Pathogenesis. <i>MBio</i> , <b>2021</b> , 12, e0105921	7.8	4
285	Inflammatory Cell Death, PANoptosis, Mediated by Cytokines in Diverse Cancer Lineages Inhibits Tumor Growth. <i>ImmunoHorizons</i> , <b>2021</b> , 5, 568-580	2.7	20
284	PANoptosis in microbial infection. <i>Current Opinion in Microbiology</i> , <b>2021</b> , 59, 42-49	7.9	30
283	Synergism of TNF- $\alpha$ and IFN- $\gamma$ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. <i>Cell</i> , <b>2021</b> , 184, 149-168.e17	56.2	333
282	Metabolic regulation of pyroptotic cell death expands the therapeutic landscape for treating inflammatory disease. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 37	21	0
281	Advances in Understanding Activation and Function of the NLRC4 Inflammasome. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	12
280	DDX3X coordinates host defense against influenza virus by activating the NLRP3 inflammasome and type I interferon response. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100579	5.4	5
279	Osteoclast fusion and bone loss are restricted by interferon inducible guanylate binding proteins. <i>Nature Communications</i> , <b>2021</b> , 12, 496	17.4	16
278	From pyroptosis, apoptosis and necroptosis to PANoptosis: A mechanistic compendium of programmed cell death pathways. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 4641-4657	6.8	34
277	A MyD88/IL1R Axis Regulates PD-1 Expression on Tumor-Associated Macrophages and Sustains Their Immunosuppressive Function in Melanoma. <i>Cancer Research</i> , <b>2021</b> , 81, 2358-2372	10.1	3
276	The Cytokine storm: molecular mechanisms and therapeutic prospects. <i>Trends in Immunology</i> , <b>2021</b> , 42, 681-705	14.4	36
275	AIM2 forms a complex with pyrin and ZBP1 to drive PANoptosis and host defence. <i>Nature</i> , <b>2021</b> , 597, 415-419	50.4	33
274	PANoptosis in Viral Infection: The Missing Puzzle Piece in the Cell Death Field. <i>Journal of Molecular Biology</i> , <b>2021</b> , 167249	6.5	5
273	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
272	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> , <b>2020</b> , 39, 1091-1095	3.6	4
271	The PANoptosome: A Deadly Protein Complex Driving Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 238	5.9	64

270	DDX3X Suppresses the Susceptibility of Hindbrain Lineages to Medulloblastoma. <i>Developmental Cell</i> , <b>2020</b> , 54, 455-470.e5	10.2	18
269	Interferon inducible GBPs restrict <i>Burkholderia thailandensis</i> motility induced cell-cell fusion. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008364	7.6	9
268	Toward targeting inflammasomes: insights into their regulation and activation. <i>Cell Research</i> , <b>2020</b> , 30, 315-327	24.7	87
267	IRF8 Regulates Gram-Negative Bacteria-Mediated NLRP3 Inflammasome Activation and Cell Death. <i>Journal of Immunology</i> , <b>2020</b> , 204, 2514-2522	5.3	12
266	DNA Sensing in the Innate Immune Response. <i>Physiology</i> , <b>2020</b> , 35, 112-124	9.8	36
265	Mice Deficient in the IL-1 $\beta$ Activation Genes <i>Prtn3</i> , <i>Elane</i> , and <i>Casp1</i> Are Protected Against the Development of Obesity-Induced NAFLD. <i>Inflammation</i> , <b>2020</b> , 43, 1054-1064	5.1	21
264	Caspases in Cell Death, Inflammation, and Pyroptosis. <i>Annual Review of Immunology</i> , <b>2020</b> , 38, 567-595	34.7	126
263	The Z $\beta$ domain of ZBP1 is a molecular switch regulating influenza-induced PANoptosis and perinatal lethality during development. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 8325-8330	5.4	52
262	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> , <b>2020</b> , 94,	6.6	12
261	Identification of the PANoptosome: A Molecular Platform Triggering Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 237	5.9	84
260	Caspase-6 Is a Key Regulator of Innate Immunity, Inflammasome Activation, and Host Defense. <i>Cell</i> , <b>2020</b> , 181, 674-687.e13	56.2	100
259	Interferon regulatory factor 1 regulates PANoptosis to prevent colorectal cancer. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	48
258	Acute IL-4 Governs Pathogenic T Cell Responses during Infection. <i>ImmunoHorizons</i> , <b>2020</b> , 4, 546-560	2.7	2
257	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> , <b>2020</b> , 2, 341-347	1.9	4
256	RIPK1 Distinctly Regulates -Induced Inflammatory Cell Death, PANoptosis. <i>ImmunoHorizons</i> , <b>2020</b> , 4, 789-796	2.7	18
255	Caspase-8-Dependent Inflammatory Responses Are Controlled by Its Adaptor, FADD, and Necroptosis. <i>Immunity</i> , <b>2020</b> , 52, 994-1006.e8	32.3	35
254	Synergism of TNF- $\beta$ and IFN- $\gamma$ triggers inflammatory cell death, tissue damage, and mortality in SARS-CoV-2 infection and cytokine shock syndromes <b>2020</b> ,		14
253	The nonreceptor tyrosine kinase SYK drives caspase-8/NLRP3 inflammasome-mediated autoinflammatory osteomyelitis. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 3394-3400	5.4	7

252	Inflammasomes and the fine line between defense and disease. <i>Current Opinion in Immunology</i> , <b>2020</b> , 62, 39-44	7.8	38
251	Deletion of haematopoietic Dectin-2 or CARD9 does not protect from atherosclerosis development under hyperglycaemic conditions. <i>Diabetes and Vascular Disease Research</i> , <b>2020</b> , 17, 147916411989214033	3.3	2
250	RIPK3 Promotes Expression and Pyrin Inflammasome Activation via Modulation of mTOR Signaling. <i>Journal of Immunology</i> , <b>2020</b> , 205, 2778-2785	5.3	3
249	NLRP12 in innate immunity and inflammation. <i>Molecular Aspects of Medicine</i> , <b>2020</b> , 76, 100887	16.7	15
248	Coronaviruses: Innate Immunity, Inflammasome Activation, Inflammatory Cell Death, and Cytokines. <i>Trends in Immunology</i> , <b>2020</b> , 41, 1083-1099	14.4	87
247	The innate immune system and cell death in autoinflammatory and autoimmune disease. <i>Current Opinion in Immunology</i> , <b>2020</b> , 67, 95-105	7.8	13
246	Galactosaminogalactan activates the inflammasome to provide host protection. <i>Nature</i> , <b>2020</b> , 588, 688-6924	9.4	28
245	Impaired NLRP3 inflammasome activation/pyroptosis leads to robust inflammatory cell death via caspase-8/RIPK3 during coronavirus infection. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 14040-14052	5.4	76
244	The regulation of the ZBP1-NLRP3 inflammasome and its implications in pyroptosis, apoptosis, and necroptosis (PANoptosis). <i>Immunological Reviews</i> , <b>2020</b> , 297, 26-38	11.3	61
243	ZBP1 promotes fungi-induced inflammasome activation and pyroptosis, apoptosis, and necroptosis (PANoptosis). <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 18276-18283	5.4	30
242	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> , <b>2020</b> , 217,	16.6	85
241	ZBP1: A STARG?TE to decode the biology of Z-nucleic acids in disease. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	7
240	Advances in Inflammasome Research: Recent Breakthroughs and Future Hurdles. <i>Trends in Molecular Medicine</i> , <b>2020</b> , 26, 969-971	11.5	7
239	Intracellular innate immune receptors: Life inside the cell. <i>Immunological Reviews</i> , <b>2020</b> , 297, 5-12	11.3	10
238	A comprehensive guide to studying inflammasome activation and cell death. <i>Nature Protocols</i> , <b>2020</b> , 15, 3284-3333	18.8	11
237	Inflammasomes in the pathophysiology of autoinflammatory syndromes. <i>Journal of Leukocyte Biology</i> , <b>2020</b> , 107, 379-391	6.5	24
236	DDX3X acts as a live-or-die checkpoint in stressed cells by regulating NLRP3 inflammasome. <i>Nature</i> , <b>2019</b> , 573, 590-594	50.4	130
235	Fueling Ketone Metabolism Quenches Salt-Induced Hypertension. <i>Trends in Endocrinology and Metabolism</i> , <b>2019</b> , 30, 145-147	8.8	3

234	Sterile particle-induced inflammation is mediated by macrophages releasing IL-33 through a Bruton's tyrosine kinase-dependent pathway. <i>Nature Materials</i> , <b>2019</b> , 18, 289-297	27	18
233	Differential role of the NLRP3 inflammasome in infection and tumorigenesis. <i>Immunology</i> , <b>2019</b> , 156, 329-338	7.8	41
232	Mitochondrial Stress-Initiated Aberrant Activation of the NLRP3 Inflammasome Regulates the Functional Deterioration of Hematopoietic Stem Cell Aging. <i>Cell Reports</i> , <b>2019</b> , 26, 945-954.e4	10.6	56
231	Cell death-mediated cytokine release and its therapeutic implications. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 1474-1486	16.6	29
230	On the Road to Discovering the Elusive Executioner of Pyroptosis. <i>Journal of Immunology</i> , <b>2019</b> , 202, 1911-1912	5.3	
229	Diverging inflammasome signals in tumorigenesis and potential targeting. <i>Nature Reviews Cancer</i> , <b>2019</b> , 19, 197-214	31.3	214
228	Deletion of hematopoietic Dectin-2 or CARD9 does not protect against atherosclerotic plaque formation in hyperlipidemic mice. <i>Scientific Reports</i> , <b>2019</b> , 9, 4337	4.9	6
227	Enhanced IL-1 $\beta$ 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> , <b>2019</b> , 14, e0212236	3.7	16
226	Innate immune adaptor MyD88 deficiency prevents skin inflammation in SHARPIN-deficient mice. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 741-750	12.7	24
225	Role of AIM2 inflammasome in inflammatory diseases, cancer and infection. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1998-2011	6.1	75
224	TNF/TNFR axis promotes pyrin inflammasome activation and distinctly modulates pyrin inflammasomopathy. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 150-162	15.9	25
223	Regulators of Inflammatory Responses. <i>FASEB Journal</i> , <b>2019</b> , 33, 218.2	0.9	
222	Hidden Aspects of Valency in Immune System Regulation. <i>Trends in Immunology</i> , <b>2019</b> , 40, 1082-1094	14.4	8
221	Targeting Apoptosis Inhibition to Activate Antitumor Immunity. <i>Trends in Immunology</i> , <b>2019</b> , 40, 1073-1075	14.4	4
220	Pyroptosis in Antiviral Immunity. <i>Current Topics in Microbiology and Immunology</i> , <b>2019</b> , 1	3.3	10
219	ZBP1 and TAK1: Master Regulators of NLRP3 Inflammasome/Pyroptosis, Apoptosis, and Necroptosis (PAN-optosis). <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 406	5.9	85
218	The signposts and winding roads to immunity and inflammation. <i>Nature Reviews Immunology</i> , <b>2019</b> , 19, 81-82	36.5	4
217	Fungal ligands released by innate immune effectors promote inflammasome activation during <i>Aspergillus fumigatus</i> infection. <i>Nature Microbiology</i> , <b>2019</b> , 4, 316-327	26.6	39

216	Food for Training-Western Diet and Inflammatory Memory. <i>Cell Metabolism</i> , <b>2018</b> , 27, 481-482	24.6	3
215	TAK1 restricts spontaneous NLRP3 activation and cell death to control myeloid proliferation. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1023-1034	16.6	107
214	ASK Family Kinases Are Required for Optimal NLRP3 Inflammasome Priming. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 1021-1030	5.8	12
213	Gasdermin D Flashes an Exit Signal for IL-1. <i>Immunity</i> , <b>2018</b> , 48, 1-3	32.3	33
212	Stressed-out ROS take a silent death route. <i>Nature Immunology</i> , <b>2018</b> , 19, 103-105	19.1	9
211	Function and regulation of IL-1 in inflammatory diseases and cancer. <i>Immunological Reviews</i> , <b>2018</b> , 281, 124-137	11.3	100
210	Pyrin Inflammasome Regulates Tight Junction Integrity to Restrict Colitis and Tumorigenesis. <i>Gastroenterology</i> , <b>2018</b> , 154, 948-964.e8	13.3	57
209	IRF1 Is a Transcriptional Regulator of ZBP1 Promoting NLRP3 Inflammasome Activation and Cell Death during Influenza Virus Infection. <i>Journal of Immunology</i> , <b>2018</b> , 200, 1489-1495	5.3	50
208	IRF8 Regulates Transcription of Naips for NLRC4 Inflammasome Activation. <i>Cell</i> , <b>2018</b> , 173, 920-933.e13	56.2	95
207	Detrimental Type I Interferon Signaling Dominates Protective AIM2 Inflammasome Responses during <i>Francisella novicida</i> Infection. <i>Cell Reports</i> , <b>2018</b> , 22, 3168-3174	10.6	24
206	Guanylate binding proteins facilitate caspase-11-dependent pyroptosis in response to type 3 secretion system-negative. <i>Cell Death Discovery</i> , <b>2018</b> , 4, 3	6.9	30
205	Cutting Edge: Dysregulated CARD9 Signaling in Neutrophils Drives Inflammation in a Mouse Model of Neutrophilic Dermatoses. <i>Journal of Immunology</i> , <b>2018</b> , 201, 1639-1644	5.3	17
204	Genetic deficiency of NOD2 confers resistance to invasive aspergillosis. <i>Nature Communications</i> , <b>2018</b> , 9, 2636	17.4	30
203	ASK1/2 signaling promotes inflammation in a mouse model of neutrophilic dermatosis. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 2042-2047	15.9	24
202	The NLRC4 inflammasome requires IRF8-dependent production of NAIPs. <i>Cell Stress</i> , <b>2018</b> , 2, 144-146	5.5	
201	ZBP1: Innate Sensor Regulating Cell Death and Inflammation. <i>Trends in Immunology</i> , <b>2018</b> , 39, 123-134	14.4	86
200	Triggers a cGAS-Independent STING Pathway To Induce Host Protection That Involves Guanylate-Binding Proteins and Inflammasome Activation. <i>Journal of Immunology</i> , <b>2018</b> , 200, 607-622	5.3	49
199	Recent advances in inflammasome biology. <i>Current Opinion in Immunology</i> , <b>2018</b> , 50, 32-38	7.8	190

198	Gasdermin D Promotes AIM2 Inflammasome Activation and Is Required for Host Protection against. <i>Journal of Immunology</i> , <b>2018</b> , 201, 3662-3668	5.3	29
197	Gasdermin D mediates the pathogenesis of neonatal-onset multisystem inflammatory disease in mice. <i>PLoS Biology</i> , <b>2018</b> , 16, e3000047	9.7	68
196	SYK-CARD9 Signaling Axis Promotes Gut Fungi-Mediated Inflammasome Activation to Restrict Colitis and Colon Cancer. <i>Immunity</i> , <b>2018</b> , 49, 515-530.e5	32.3	71
195	Lung $\gamma$ T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. <i>Immunity</i> , <b>2018</b> , 49, 531-544.e6	32.3	43
194	The inflammasome starts rolling. <i>Nature Reviews Immunology</i> , <b>2018</b> , 18, 483	36.5	6
193	The TWIK2 Potassium Efflux Channel in Macrophages Mediates NLRP3 Inflammasome-Induced Inflammation. <i>Immunity</i> , <b>2018</b> , 49, 56-65.e4	32.3	134
192	Critical role of caspase-8-mediated IL-1 signaling in promoting Th2 responses during asthma pathogenesis. <i>Mucosal Immunology</i> , <b>2017</b> , 10, 128-138	9.2	15
191	Inflammasomes and Cancer. <i>Cancer Immunology Research</i> , <b>2017</b> , 5, 94-99	12.5	201
190	Oxidized Low-Density Lipoprotein Immune Complex Priming of the Nlrp3 Inflammasome Involves TLR and FcR Cooperation and Is Dependent on CARD9. <i>Journal of Immunology</i> , <b>2017</b> , 198, 2105-2114	5.3	59
189	Regulation and functions of NLRP3 inflammasome during influenza virus infection. <i>Molecular Immunology</i> , <b>2017</b> , 86, 56-64	4.3	45
188	Tyrosine Kinase SYK Licenses MyD88 Adaptor Protein to Instigate IL-1 $\beta$ -Mediated Inflammatory Disease. <i>Immunity</i> , <b>2017</b> , 46, 635-648	32.3	40
187	Cutting Edge: Distinct Regulatory Mechanisms Control Proinflammatory Cytokines IL-18 and IL-1 $\beta$ <i>Journal of Immunology</i> , <b>2017</b> , 198, 4210-4215	5.3	60
186	Molecular mechanisms and functions of pyroptosis, inflammatory caspases and inflammasomes in infectious diseases. <i>Immunological Reviews</i> , <b>2017</b> , 277, 61-75	11.3	669
185	Deficiency of the NOD-Like Receptor NLRC5 Results in Decreased CD8 T Cell Function and Impaired Viral Clearance. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	13
184	ZBP1/DAI ubiquitination and sensing of influenza vRNPs activate programmed cell death. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 2217-2229	16.6	88
183	Mechanisms governing inflammasome activation, assembly and pyroptosis induction. <i>International Immunology</i> , <b>2017</b> , 29, 201-210	4.9	117
182	NLRC3 regulates cellular proliferation and apoptosis to attenuate the development of colorectal cancer. <i>Cell Cycle</i> , <b>2017</b> , 16, 1243-1251	4.7	36
181	Inflammasome activation by nucleic acids and nucleosomes in sterile inflammation is it sterile?. <i>FEBS Journal</i> , <b>2017</b> , 284, 2363-2374	5.7	10



180	Differential roles of caspase-1 and caspase-11 in infection and inflammation. <i>Scientific Reports</i> , <b>2017</b> , 7, 45126	4.9	84
179	IL-1 $\beta$ and Caspase-1 Drive Autoinflammatory Disease Independently of IL-1 $\beta$ Caspase-8 in a Mouse Model of Familial Mediterranean Fever. <i>American Journal of Pathology</i> , <b>2017</b> , 187, 236-244	5.8	20
178	Inflammasome Activation by Bacterial Outer Membrane Vesicles Requires Guanylate Binding Proteins. <i>MBio</i> , <b>2017</b> , 8,	7.8	81
177	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> , <b>2017</b> , 199, 3293-3305	5.3	21
176	Inflammatory cell death in intestinal pathologies. <i>Immunological Reviews</i> , <b>2017</b> , 280, 57-73	11.3	26
175	Toll-like receptor $\alpha$ induced cytotoxic T-lymphocyte-associated protein $\alpha$ regulates Aspergillus-induced regulatory T-cells with pro-inflammatory characteristics. <i>Scientific Reports</i> , <b>2017</b> , 7, 11500	4.9	12
174	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. <i>Nature Microbiology</i> , <b>2017</b> , 2, 1435-1445	26.6	54
173	Guanylate Binding Proteins Regulate Inflammasome Activation in Response to Hyperinjected Yersinia Translocon Components. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	26
172	Inflammatory Bowel Disease and the NLRP3 Inflammasome. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 694-696	59.2	44
171	Inflammasome activation and assembly at a glance. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 3955-3963	5.3	213
170	cGAMP: A tale of two signals. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 3471-3473	16.6	0
169	War on Viruses: LC3 Recruits GTPases. <i>Cell Host and Microbe</i> , <b>2017</b> , 22, 7-9	23.4	1
168	Interferon-inducible guanylate-binding proteins at the interface of cell-autonomous immunity and inflammasome activation. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 143-150	6.5	64
167	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> , <b>2017</b> , 21, 3427-3444	10.6	73
166	The Absence of NOD1 Enhances Killing of Through Modulation of Dectin-1 Expression. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1777	8.4	14
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20	Regulation of <i>Legionella</i> phagosome maturation and infection through flagellin and host Ipaf. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 35217-23	5.4	366
19	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> , <b>2006</b> , 281, 36560-8	5.4	525

18	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> , <b>2006</b> , 43, 20-33	3.9	57
17	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> , <b>2006</b> , 19, 854-63	3.6	122
16	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> , <b>2006</b> , 176, 4337-42	5.3	153
15	The C-terminal half of <i>Phytophthora infestans</i> RXLR effector AVR3a is sufficient to trigger R3a-mediated hypersensitivity and suppress INF1-induced cell death in <i>Nicotiana benthamiana</i> . <i>Plant Journal</i> , <b>2006</b> , 48, 165-76	6.9	299
14	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1beta in salmonella-infected macrophages. <i>Nature Immunology</i> , <b>2006</b> , 7, 576-82	19.1	910
13	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , <b>2006</b> , 440, 233-6	50.4	891
12	The host range of Tobacco streak virus in India and transmission by thrips. <i>Annals of Applied Biology</i> , <b>2003</b> , 142, 365-368	2.6	56
11	Occurrence of aflatoxins and ochratoxin A in Indian poultry feeds. <i>Journal of Food Protection</i> , <b>2002</b> , 65, 1338-40	2.5	30
10	Dynamics of <i>Polymyxa graminis</i> and Indian peanut clump virus (IPCV) infection on various monocotyledonous crops and groundnut during the rainy season. <i>Plant Pathology</i> , <b>2002</b> , 51, 546-560	2.8	14
9	Occurrence of Tobacco streak virus on Peanut ( <i>Arachis hypogaea</i> ) in India. <i>Plant Disease</i> , <b>2002</b> , 86, 173-178	1.8	47
8	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> , <b>2002</b> , 50, 933-7	5.7	70
7	Phage-displayed peptides that mimic aflatoxin B1 in serological reactivity. <i>Journal of Applied Microbiology</i> , <b>2001</b> , 90, 330-6	4.7	24
6	Occurrence of ochratoxin A in black pepper, coriander, ginger and turmeric in India. <i>Food Additives and Contaminants</i> , <b>2001</b> , 18, 830-5		82
5	Serological Methods for Detection of <i>Polymyxa graminis</i> , an Obligate Root Parasite and Vector of Plant Viruses. <i>Phytopathology</i> , <b>2000</b> , 90, 537-45	3.8	28
4	Production of polyclonal antibodies against ochratoxin A and its detection in chilies by ELISA. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 5079-82	5.7	68
3	Production and characterization of monoclonal antibodies for aflatoxin B1. <i>Letters in Applied Microbiology</i> , <b>1999</b> , 29, 284-8	2.9	52
2	HA stability regulates H1N1 influenza virus replication and pathogenicity in mice by modulating type I interferon responses in dendritic cells		1
1	Activation of GSDME compensates for GSDMD deficiency in a mouse model of NLRP3 inflammasomopathy		1

