Jeak Ling Ding

List of Publications by Year
in descending order

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44 papers	1,519 citations	331670 21 h-index	315739 38 g-index
44 all docs	44 docs citations	44 times ranked	2346 citing authors

#	Article	IF	Citations
1	Iron-withholding strategy in innate immunity. Immunobiology, 2006, 211, 295-314.	1.9	233
2	Definition of endotoxin binding sites in horseshoe crab Factor C recombinant sushi proteins and neutralization of endotoxin by sushi peptides. FASEB Journal, 2000, 14, 1801-1813.	0.5	102
3	SARM inhibits both TRIFâ€•and MyD88â€•mediated APâ€•1 activation. European Journal of Immunology, 2010, 40, 1738-1747.	2.9	97
4	FFAR2â€•FFAR3 receptor heteromerization modulates shortâ€•chain fatty acid sensing. FASEB Journal, 2018, 32, 289-303.	0.5	75
5	Human and mouse monocytes display distinct signalling and cytokine profiles upon stimulation with FFAR2/FFAR3 short-chain fatty acid receptor agonists. Scientific Reports, 2016, 6, 34145.	3.3	69
6	Endotoxin Detection â€“ from Limulus Amebocyte Lysate to Recombinant Factor C. Sub-Cellular Biochemistry, 2010, 53, 187-208.	2.4	66
7	The molecular mechanisms of TLRâ€•signaling cooperation in cytokine regulation. Immunology and Cell Biology, 2016, 94, 538-542.	2.3	62
8	Highâ€•affinity LPS binding domain(s) in recombinant factor C of a horseshoe crab neutralizes LPSâ€•induced lethality. FASEB Journal, 2000, 14, 859-870.	0.5	59
9	Temperature dependence of estrogen binding: importance of a subzone in the ligand binding domain of a novel piscine estrogen receptor. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1452, 103-120.	4.1	48
10	Innate immune memory and homeostasis may be conferred through crosstalk between the TLR3 and TLR7 pathways. Science Signaling, 2016, 9, ra70.	3.6	46
11	A novel piscine vitellogenin gene: structural and functional analyses of estrogen-inducible promoter. Molecular and Cellular Endocrinology, 1998, 146, 103-120.	3.2	43
12	The synergy in cytokine production through MyD88â€•TRIF pathways is coâ€•ordinated with ERK phosphorylation in macrophages. Immunology and Cell Biology, 2013, 91, 377-387.	2.3	43
13	SARM modulates MyD88-mediated TLR activation through BB-loop dependent TIR-TIR interactions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 244-253.	4.1	39
14	The short-chain fatty acid receptor GPR43 is transcriptionally regulated by XBP1 in human monocytes. Scientific Reports, 2015, 5, 8134.	3.3	35
15	Comprehensive Analysis of ERK1/2 Substrates for Potential Combination Immunotherapies. Trends in Pharmacological Sciences, 2019, 40, 897-910.	8.7	35
16	An evolutionarily conserved 16-kDa thioredoxin-related protein is an antioxidant which regulates the NF-Î²B signaling pathway. Free Radical Biology and Medicine, 2007, 42, 247-259.	2.9	31
17	High-performance affinity capture-removal of bacterial pyrogen from solutions. Biomedical Applications, 2001, 759, 237-246.	1.7	29
18	Cutting Edge: Synchronization of IRF1, JunB, and C/EBPÎ² Activities during TLR3â€“TLR7 Cross-Talk Orchestrates Timely Cytokine Synergy in the Proinflammatory Response. Journal of Immunology, 2015, 195, 801-805.	0.8	28

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19	Ubiquitination and SUMOylation in the chronic inflammatory tumor microenvironment. Biochimica Et Biophysica Acta: Reviews on Cancer, 2018, 1870, 165-175.	7.4	27
20	Molecular dynamics study on lipid A from Escherichia coli: insights into its mechanism of biological action. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1466, 87-104.	2.6	24
21	Molecular Interfaces of the Galactose-binding Protein Tectonin Domains in Host-Pathogen Interaction. Journal of Biological Chemistry, 2010, 285, 9898-9907.	3.4	23
22	The Macromolecular Assembly of Pathogen-Recognition Receptors is Impelled by Serine Proteases, via Their Complement Control Protein Modules. Journal of Molecular Biology, 2008, 377, 902-913.	4.2	22
23	Extracellular haemoglobin upregulates and binds to tissue factor on macrophages: Implications for coagulation and oxidative stress. Thrombosis and Haemostasis, 2014, 111, 67-78.	3.4	22
24	Beyond TLR Signalingâ€"The Role of SARM in Antiviral Immune Defense, Apoptosis & Development. International Reviews of Immunology, 2015, 34, 432-444.	3.3	22
25	Thioredoxin-like 6 protects retinal cell line from photooxidative damage by upregulating NF-Î²B activity. Free Radical Biology and Medicine, 2008, 45, 336-344.	2.9	20
26	Loss of Tâ€bet confers survival advantage to influenzaâ€"bacterial superinfection. EMBO Journal, 2019, 38, .	7.8	20
27	A Novel Human Tectonin Protein with Multivalent Î²-Propeller Folds Interacts with Ficolin and Binds Bacterial LPS. PLoS ONE, 2009, 4, e6260.	2.5	17
28	Antimicrobial peptides: Resistant-proof antibiotics of the new millennium. Drug Development Research, 2004, 62, 317-335.	2.9	15
29	Response of Neutrophils to Extracellular Haemoglobin and LTA in Human Blood System. EBioMedicine, 2015, 2, 225-233.	6.1	15
30	UXT plays dual opposing roles on SARMâ€induced apoptosis. FEBS Letters, 2013, 587, 3296-3302.	2.8	14
31	A Novel Signature of CCNF-Associated E3 Ligases Collaborate and Counter Each Other in Breast Cancer. Cancers, 2021, 13, 2873.	3.7	14
32	NK Cells in a Tug-of-War With Cancer: The Roles of Transcription Factors and Cytoskeleton. Frontiers in Immunology, 2021, 12, 734551.	4.8	13
33	Combinatorial treatment with polyI:C and anti-IL6 enhances apoptosis and suppresses metastasis of lung cancer cells. Oncotarget, 2017, 8, 32884-32904.	1.8	13
34	E2-E3 ubiquitin enzyme pairing - partnership in provoking or mitigating cancers. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188679.	7.4	12
35	Synergistic effects of nuclear factors - GATA, VBP and ER in potentiating vitellogenin gene transcription. FEBS Letters, 1999, 459, 57-63.	2.8	11
36	Human FBXL8 Is a Novel E3 Ligase Which Promotes BRCA Metastasis by Stimulating Pro-Tumorigenic Cytokines and Inhibiting Tumor Suppressors. Cancers, 2020, 12, 2210.	3.7	11

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37	Hiltonol Cocktail Kills Lung Cancer Cells by Activating Cancer-Suppressors, PKR/OAS, and Restraining the Tumor Microenvironment. International Journal of Molecular Sciences, 2021, 22, 1626.	4.1	10
38	Structural Basis for Dual-Inhibition Mechanism of a Non-Classical Kazal-Type Serine Protease Inhibitor from Horseshoe Crab in Complex with Subtilisin. PLoS ONE, 2011, 6, e18838.	2.5	10
39	Histidine-Mediated pH-Sensitive Regulation of M-Ficolin:GlcNAc Binding Activity in Innate Immunity Examined by Molecular Dynamics Simulations. PLoS ONE, 2011, 6, e19647.	2.5	10
40	Novel AU-rich proximal UTR sequences (APS) enhance CXCL8 synthesis upon the induction of rpS6 phosphorylation. PLoS Genetics, 2019, 15, e1008077.	3.5	9
41	Transitional premonocytes emerge in the periphery for host defense against bacterial infections. Science Advances, 2022, 8, eabj4641.	10.3	9
42	A femaleâ€specific pentraxin, CrOctin, bridges pattern recognition receptors to bacterial phosphoethanolamine. European Journal of Immunology, 2007, 37, 3477-3488.	2.9	8
43	Macrophages protect mycoplasmaâ€infected chronic myeloid leukemia cells from natural killer cell killing. Immunology and Cell Biology, 2020, 98, 138-151.	2.3	6
44	Outwit, outplay, outlive. Immunobiology, 2006, 211, 211-212.	1.9	2