Tanapat Palaga

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1789442/publications.pdf

Version: 2024-02-01

94 papers	3,503 citations	218592 26 h-index	149623 56 g-index
95 all docs	95 docs citations	95 times ranked	6558 citing authors

#	Article	IF	Citations
1	Immune responses in COVID-19 and potential vaccines: Lessons learned from SARS and MERS epidemic. Asian Pacific Journal of Allergy and Immunology, 2020, 38, 1-9.	0.2	977
2	Inhibitors of Î³-secretase block in vivo and in vitro T helper type 1 polarization by preventing Notch upregulation of Tbx21. Nature Immunology, 2005, 6, 680-688.	7.0	252
3	TCR-Mediated Notch Signaling Regulates Proliferation and IFN-Î³ Production in Peripheral T Cells. Journal of Immunology, 2003, 171, 3019-3024.	0.4	227
4	Notch signaling is activated by TLR stimulation and regulates macrophage functions. European Journal of Immunology, 2008, 38, 174-183.	1.6	207
5	Inhibitors of gamma-secretase block in vivo and in vitro T helper type 1 polarization by preventing Notch upregulation of Tbx21. Nature Immunology, 2005, 6, 680-8.	7.0	139
6	Direct regulation of interleukin-6 expression by Notch signaling in macrophages. Cellular and Molecular Immunology, 2012, 9, 155-162.	4.8	102
7	New turn-on fluorescent and colorimetric probe for cyanide detection based on BODIPY-salicylaldehyde and its application in cell imaging. Journal of Hazardous Materials, 2016, 314, 277-285.	6.5	69
8	Leaky-gut enhanced lupus progression in the Fc gamma receptor-IIb deficient and pristane-induced mouse models of lupus. Scientific Reports, 2020, 10, 777.	1.6	65
9	Gold nanoparticles attenuates bacterial sepsis in cecal ligation and puncture mouse model through the induction of M2 macrophage polarization. BMC Microbiology, 2018, 18, 85.	1.3	63
10	Oral administration of live- or heat-killed Candida albicans worsened cecal ligation and puncture sepsis in a murine model possibly due to an increased serum (1â†'3)-Î²-D-glucan. PLoS ONE, 2017, 12, e0181439.	1.1	58
11	Notch Signaling in Macrophages in the Context of Cancer Immunity. Frontiers in Immunology, 2018, 9, 652.	2.2	46
12	Enhancement of immune response to a DNA vaccine against Mycobacterium tuberculosis Ag85B by incorporation of an autophagy inducing system. Vaccine, 2013, 31, 784-790.	1.7	44
13	Facile and green synthesis of pullulan derivative-stabilized Au nanoparticles as drug carriers for enhancing anticancer activity. Carbohydrate Polymers, 2018, 198, 495-508.	5.1	44
14	Involvement of Notch signaling pathway in regulating IL-12 expression via c-Rel in activated macrophages. Molecular Immunology, 2012, 51, 255-262.	1.0	41
15	DNA damage protecting and free radical scavenging properties of mycosporine-2-glycine from the Dead Sea cyanobacterium in A375 human melanoma cell lines. Journal of Photochemistry and Photobiology B: Biology, 2016, 164, 289-295.	1.7	37
16	Novel organic/inorganic hybrid flower-like structure of selenium nanoparticles stabilized by pullulan derivatives. Carbohydrate Polymers, 2018, 184, 9-19.	5.1	34
17	Mycosporine-2-glycine exerts anti-inflammatory and antioxidant effects in lipopolysaccharide (LPS)-stimulated RAW 264.7 macrophages. Archives of Biochemistry and Biophysics, 2019, 662, 33-39.	1.4	34
18	Metformin-induced suppression of IFN-Î± via mTORC1 signalling following seasonal vaccination is associated with impaired antibody responses in type 2 diabetes. Scientific Reports, 2020, 10, 3229.	1.6	33

#	Article	IF	Citations
19	Notch signaling regulates expression of Mcl-1 and apoptosis in PPD-treated macrophages. Cellular and Molecular Immunology, 2013, 10, 444-452.	4.8	32
20	Fabrication and characterization of novel microneedles made of a polystyrene solution. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 50, 77-81.	1.5	32
21	DNA vaccine candidate encoding SARS-CoV-2 spike proteins elicited potent humoral and Th1 cell-mediated immune responses in mice. PLoS ONE, 2021, 16, e0248007.	1.1	32
22	Inhibition of gamma-secretase affects proliferation of leukemia and hepatoma cell lines through Notch signaling. Anti-Cancer Drugs, 2008, 19, 477-486.	0.7	31
23	Dysregulation of Lipid Metabolism in Macrophages Is Responsible for Severe Endotoxin Tolerance in FcgRIIB-Deficient Lupus Mice. Frontiers in Immunology, 2020, 11, 959.	2.2	31
24	Bringing Macromolecules into Cells and Evading Endosomes by Oxidized Carbon Nanoparticles. Nano Letters, 2015, 15, 3370-3376.	4.5	29
25	Hepatitis B Virus HBx Activates Notch Signaling via Delta-Like 4/Notch1 in Hepatocellular Carcinoma. PLoS ONE, 2016, 11, e0146696.	1.1	29
26	Highly efficient and facile fabrication of monodispersed Au nanoparticles using pullulan and their application as anticancer drug carriers. Carbohydrate Polymers, 2017, 173, 178-191.	5.1	28
27	Notch signaling regulates the phosphorylation of Akt and survival of lipopolysaccharide-activated macrophages via regulator of G protein signaling 19 (RGS19). Immunobiology, 2014, 219, 653-660.	0.8	27
28	Impact of Notch1 Deletion in Macrophages on Proinflammatory Cytokine Production and the Outcome of Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2015, 195, 5337-5346.	0.4	26
29	â€œTurn onâ€•orange fluorescent probe based on styryl-BODIPY for detection of hypochlorite and its application in live cell imaging. Dyes and Pigments, 2019, 162, 189-195.	2.0	26
30	Immunogenicity of a DNA and Recombinant Protein Vaccine Combining LipL32 and Loa22 for Leptospirosis Using Chitosan as a Delivery System. Journal of Microbiology and Biotechnology, 2015, 25, 526-536.	0.9	25
31	Molecular mechanism of cardol, isolated from Trigona incisa stingless bee propolis, induced apoptosis in the SW620 human colorectal cancer cell line. BMC Pharmacology & Toxicology, 2017, 18, 32.	1.0	23
32	Oxidized Carbon Black: Preparation, Characterization and Application in Antibody Delivery across Cell Membrane. Scientific Reports, 2018, 8, 2489.	1.6	23
33	A Novel Role of Numb as A Regulator of Pro-inflammatory Cytokine Production in Macrophages in Response to Toll-like Receptor 4. Scientific Reports, 2015, 5, 12784.	1.6	22
34	New organic/inorganic nanohybrids of targeted pullulan derivative/gold nanoparticles for effective drug delivery systems. International Journal of Biological Macromolecules, 2020, 162, 561-577.	3.6	22
35	Cardanol isolated from Thai Apis mellifera propolis induces cell cycle arrest and apoptosis of BT-474 breast cancer cells via p21 upregulation. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 55.	0.9	21
36	The role of macrophages in the susceptibility of Fc gamma receptor IIb deficient mice to Cryptococcus neoformans. Scientific Reports, 2017, 7, 40006.	1.6	21

#	Article	IF	Citations
37	The plant limonoid 7-oxo-deacetoxygedunin inhibits RANKL-induced osteoclastogenesis by suppressing activation of the NF-ÎºB and MAPK pathways. Biochemical and Biophysical Research Communications, 2011, 415, 361-366.	1.0	19
38	Increased ATG5-ATG12 in hepatitis B virus-associated hepatocellular carcinoma and their role in apoptosis. World Journal of Gastroenterology, 2016, 22, 8361.	1.4	19
39	Production of a monoclonal antibody against aflatoxin M1 and its application for detection of aflatoxin M1 in fortified milk. Journal of Food and Drug Analysis, 2016, 24, 780-787.	0.9	18
40	Cyperenoic acid suppresses osteoclast differentiation and delays bone loss in a senile osteoporosis mouse model by inhibiting non-canonical NF-ÎºB pathway. Scientific Reports, 2018, 8, 5625.	1.6	18
41	Mechanical stress induced S100A7 expression in human dental pulp cells to augment osteoclast differentiation. Oral Diseases, 2019, 25, 812-821.	1.5	18
42	Suppression of Apoptotic Cell Death of IL-3-Dependent Cell Lines by ER/SR Ca2+-ATPase Inhibitors upon IL-3 Deprivation. Experimental Cell Research, 1996, 228, 92-97.	1.2	17
43	Clusters of Carbon Nanospheres Derived from Graphene Oxide. ACS Applied Materials & Interfaces, 2012, 4, 6808-6815.	4.0	17
44	Monitoring Anti-Pythium insidiosum IgG Antibodies and (1â†'3)-Î²-<scp>d</scp>-Glucan in Vascular Pythiosis. Journal of Clinical Microbiology, 2018, 56, .	1.8	17
45	Polymerized Luteolin Nanoparticles: Synthesis, Structure Elucidation, and Anti-Inflammatory Activity. ACS Omega, 2021, 6, 2846-2855.	1.6	16
46	Effect of capping agents on the cytotoxicity of silver nanoparticles in human normal and cancer skin cell lines. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	15
47	Epigallocatechin gallate-zinc oxide co-crystalline nanoparticles as an anticancer drug that is non-toxic to normal cells. RSC Advances, 2018, 8, 7369-7376.	1.7	15
48	MAML1 regulates cell viability via the NF-ÎºB pathway in cervical cancer cell lines. Experimental Cell Research, 2011, 317, 1830-1840.	1.2	14
49	Suppression of Inducible Nitric Oxide Synthase Pathway by 7-Deacetylgedunin, a Limonoid from Xylocarpus sp.. Planta Medica, 2015, 81, 312-319.	0.7	14
50	Regulation of periostin expression by Notch signaling in hepatocytes and liver cancer cell lines. Biochemical and Biophysical Research Communications, 2018, 506, 739-745.	1.0	14
51	Notch signaling regulates the responses of lipopolysaccharide-stimulated macrophages in the presence of immune complexes. PLoS ONE, 2018, 13, e0198609.	1.1	14
52	Interleukin-1 receptor antagonist: an early immunomodulatory cytokine induced by porcine reproductive and respiratory syndrome virus. Journal of General Virology, 2017, 98, 77-88.	1.3	14
53	Gold Nanorods Stabilized by Biocompatible and Multifunctional Zwitterionic Copolymer for Synergistic Cancer Therapy. Molecular Pharmaceutics, 2018, 15, 164-174.	2.3	13
54	Reduced Renal Colonization and Enhanced Protection by Leptospiral Factor H Binding Proteins as a Multisubunit Vaccine Against Leptospirosis in Hamsters. Vaccines, 2019, 7, 95.	2.1	13

#	Article	IF	Citations
55	Lysosome repositioning as an autophagy escape mechanism by Mycobacterium tuberculosis Beijing strain. Scientific Reports, 2021, 11, 4342.	1.6	13
56	Profile of Histone H3 Lysine 4 Trimethylation and the Effect of Lipopolysaccharide/Immune Complex-Activated Macrophages on Endotoxemia. Frontiers in Immunology, 2019, 10, 2956.	2.2	13
57	Synthesis, cytotoxicity, DNA binding and topoisomerase II inhibition of cassiarin A derivatives. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2845-2850.	1.0	12
58	A novel patterning method for three-dimensional paper-based devices by using inkjet-printed water mask. Cellulose, 2018, 25, 2659-2665.	2.4	12
59	Increased susceptibility against Cryptococcus neoformans of lupus mouse models (pristane-induction) Tj ETQq1 1 0.784314 rgBT /Ov Journal of Microbiology, 2019, 57, 45-53.	1.3	12
60	A Comparison of Intramuscular and Subcutaneous Administration of LigA Subunit Vaccine Adjuvanted with Neutral Liposomal Formulation Containing Monophosphoryl Lipid A and QS21. Vaccines, 2020, 8, 494.	2.1	11
61	Detection of Mycobacterium tuberculosis complex infection in Asian elephants (Elephas maximus) using an interferon gamma release assay in a captive elephant herd. Scientific Reports, 2020, 10, 14551.	1.6	11
62	Solid Composite Material for Delivering Viable Cells into Skin Tissues via Detachable Dissolvable Microneedles. ACS Applied Bio Materials, 2020, 3, 4581-4589.	2.3	11
63	Integrative Analysis of Proteomics and DNA Methylation in Orbital Fibroblasts From Gravesâ€™ Ophthalmopathy. Frontiers in Endocrinology, 2020, 11, 619989.	1.5	11
64	Screening of compounds to identify novel epigenetic regulatory factors that affect innate immune memory in macrophages. Scientific Reports, 2022, 12, 1912.	1.6	11
65	Detecting Allergens From Black Tiger ShrimpPenaeus monodonThat Can Bind and Cross-link IgE by ELISA, Western Blot, and a Humanized Rat Basophilic Leukemia Reporter Cell Line RS-ATL8. Allergy, Asthma and Immunology Research, 2018, 10, 62.	1.1	10
66	Oxidized carbon nanoparticles as an effective protein antigen delivery system targeting the cell-mediated immune response . International Journal of Nanomedicine, 2019, Volume 14, 4867-4880.	3.3	10
67	A â€œturn onâ€•fluorometric and colorimetric probe based on vinylphenol-BODIPY for selective detection of Au(III) ion in solution and in living cells. Dyes and Pigments, 2021, 191, 109341.	2.0	10
68	Diarylheptanoid from Curcuma comosa Roxb. suppresses RANKL-induced osteoclast differentiation by decreasing NFATc1 and c-Fos expression via MAPK pathway. European Journal of Pharmacology, 2016, 788, 351-359.	1.7	9
69	Notch signaling increases PPARÎ³ protein stability and enhances lipid uptake through AKT in ILâ€4â€stimulated THPâ€1 and primary human macrophages. FEBS Open Bio, 2020, 10, 1082-1095.	1.0	9
70	Effects of amino proton and denticity of quinoline-pyridine based dyes on Cd2+ and Zn2+ fluorescence sensing properties. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 415, 113307.	2.0	9
71	The autophagy-resistant Mycobacterium tuberculosis Beijing strain upregulates KatG to evade starvation-induced autophagic restriction. Pathogens and Disease, 2022, 80, .	0.8	9
72	Extracellular ATP inhibits apoptosis and maintains cell viability by inducing autocrine production of interleukin-4 in a myeloid progenitor cell line. International Immunopharmacology, 2004, 4, 953-961.	1.7	8

#	Article	IF	Citations
73	The chemotherapeutic drug carboplatin affects macrophage responses to LPS and LPS tolerance via epigenetic modifications. Scientific Reports, 2021, 11, 21574.	1.6	8
74	Development of an Enzyme-Linked Immunosorbent Assay for 1-Aminohydantoin Detection. Journal of AOAC INTERNATIONAL, 2013, 96, 680-686.	0.7	7
75	Anthracene-9, 10-dione derivatives induced apoptosis in human cervical cancer cell line (CaSki) by interfering with HPV E6 expression. European Journal of Medicinal Chemistry, 2014, 77, 334-342.	2.6	7
76	Self-assembly of Gd 3+ /SDS/HEPES complex and curcumin entrapment for enhanced stability, fluorescence image in cellular system. Colloids and Surfaces B: Biointerfaces, 2017, 156, 254-261.	2.5	6
77	Delta-like ligand 4 in hepatocellular carcinoma intrinsically promotes tumour growth and suppresses hepatitis B virus replication. World Journal of Gastroenterology, 2018, 24, 3861-3870.	1.4	6
78	Harmonization of upconverting nanocrystals and photosensitizer for antimicrobial application. RSC Advances, 2015, 5, 102416-102423.	1.7	5
79	Enhancing Passive Transport of Micro/Nano Particles into Cells by Oxidized Carbon Black. ACS Omega, 2018, 3, 6833-6840.	1.6	5
80	Notch signaling and its emerging role in autoimmunity. Frontiers in Biology, 2013, 8, 279-294.	0.7	4
81	Anti-osteoclastogenic, estrogenic, and antioxidant activities of cell suspension cultures and tuber root extracts from Pueraria mirifica. Food Science and Biotechnology, 2014, 23, 1253-1259.	1.2	4
82	Histone Deacetylase 4 Controls Extracellular Matrix Production in Orbital Fibroblasts from Graves' Ophthalmopathy Patients. Thyroid, 2021, 31, 1566-1576.	2.4	4
83	Water-dispersible unadulterated Î±-mangostin particles for biomedical applications. Royal Society Open Science, 2020, 7, 200543.	1.1	4
84	Innate immunity in COVID-19: Drivers of pathogenesis and potential therapeutic targets. Asian Pacific Journal of Allergy and Immunology, 2021, 39, 69-77.	0.2	3
85	Clausmarin A, Potential Immunosuppressant Revealed by Yeast-Based Assay and Interleukin-2 Production Assay in Jurkat T Cells. PLoS ONE, 2015, 10, e0136804.	1.1	3
86	Cross-regulation of notch/AKT and serum/glucocorticoid regulated kinase 1 (SGK1) in IL-4-stimulated human macrophages. International Immunopharmacology, 2021, 101, 108312.	1.7	3
87	Editorial: Epigenetic Regulation of Innate Immunity. Frontiers in Immunology, 2021, 12, 713758.	2.2	2
88	Oxidized Carbon Nanosphere-Based Subunit Vaccine Delivery System Elicited Robust Th1 and Cytotoxic T Cell Responses. Journal of Microbiology and Biotechnology, 2019, 29, 489-499.	0.9	2
89	Optimal production of a fusion protein consisting of a single-chain variable fragment antibody against a tumor-associated antigen and interleukin-2 in fed-batch culture of Pichia pastoris. Anticancer Research, 2014, 34, 3925-35.	0.5	2
90	Notch 2 receptor expression and reduced cytotoxicity in MAIT cells of active pulmonary TB patients. Asian Pacific Journal of Allergy and Immunology, 2023, , .	0.2	0

#	Article	IF	Citations
91	Notch signaling regulates function of human mucosal-associated invariant T (MAIT) cells. Asian Pacific Journal of Allergy and Immunology, 2024, , .	0.2	0
92	Two tales of the polarizing immune responses: Th1-mediated host-microbe interaction in tuberculosis vs. Th2-driven childhood asthma. Asian Pacific Journal of Allergy and Immunology, 2014, 32, 101-2.	0.2	0
93	Allergy for tree pollens and crustaceans: testing and treatment. Asian Pacific Journal of Allergy and Immunology, 2015, 33, 69-70.	0.2	0
94	Driving forces of inflammatory diseases: Th9 in allergic rhinitis and estrogen in SLE. Asian Pacific Journal of Allergy and Immunology, 2015, 33, 265-6.	0.2	0