

Thanh Kha Phan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/383832/publications.pdf>

Version: 2024-02-01

40
papers

1,422
citations

331259

21
h-index

414034

32
g-index

43
all docs

43
docs citations

43
times ranked

2220
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphoinositide-mediated oligomerization of a defensin induces cell lysis. <i>ELife</i> , 2014, 3, e01808.	2.8	167
2	Convergent evolution of defensin sequence, structure and function. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 663-682.	2.4	152
3	Moving beyond size and phosphatidylserine exposure: evidence for a diversity of apoptotic cell-derived extracellular vesicles <i>in vitro</i> . <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1608786.	5.5	98
4	The Tomato Defensin TPP3 Binds Phosphatidylinositol (4,5)-Bisphosphate via a Conserved Dimeric Cationic Grip Conformation To Mediate Cell Lysis. <i>Molecular and Cellular Biology</i> , 2015, 35, 1964-1978.	1.1	84
5	Determining the contents and cell origins of apoptotic bodies by flow cytometry. <i>Scientific Reports</i> , 2017, 7, 14444.	1.6	84
6	<i>Staphylococcus aureus</i> membrane vesicles contain immunostimulatory DNA, RNA and peptidoglycan that activate innate immune receptors and induce autophagy. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12080.	5.5	80
7	Isolation of cell type-specific apoptotic bodies by fluorescence-activated cell sorting. <i>Scientific Reports</i> , 2017, 7, 39846.	1.6	68
8	X-ray structure of a carpet-like antimicrobial defensin-phospholipid membrane disruption complex. <i>Nature Communications</i> , 2018, 9, 1962.	5.8	50
9	The relationship between CCR6 and its binding partners: Does the CCR6-CCL20 axis have to be extended?. <i>Cytokine</i> , 2015, 72, 97-101.	1.4	48
10	Binding of phosphatidic acid by Nsd7 mediates the formation of helical defensin-lipid oligomeric assemblies and membrane permeabilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11202-11207.	3.3	48
11	Salt-Tolerant Antifungal and Antibacterial Activities of the Corn Defensin ZmD32. <i>Frontiers in Microbiology</i> , 2019, 10, 795.	1.5	45
12	Unleashing the therapeutic potential of apoptotic bodies. <i>Biochemical Society Transactions</i> , 2020, 48, 2079-2088.	1.6	45
13	Human β -defensin 3 contains an oncolytic motif that binds PI(4,5)P2 to mediate tumour cell permeabilisation. <i>Oncotarget</i> , 2016, 7, 2054-2069.	0.8	44
14	Human β -defensin 2 kills <i>Candida albicans</i> through phosphatidylinositol 4,5-bisphosphate-mediated membrane permeabilization. <i>Science Advances</i> , 2018, 4, eaat0979.	4.7	40
15	ROCK1 but not LIMK1 or PAK2 is a key regulator of apoptotic membrane blebbing and cell disassembly. <i>Cell Death and Differentiation</i> , 2020, 27, 102-116.	5.0	40
16	Analysis of extracellular vesicles generated from monocytes under conditions of lytic cell death. <i>Scientific Reports</i> , 2019, 9, 7538.	1.6	39
17	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> . <i>PLoS Biology</i> , 2020, 18, e3000644.	2.6	37
18	TREML4 receptor regulates inflammation and innate immune cell death during polymicrobial sepsis. <i>Nature Immunology</i> , 2020, 21, 1585-1596.	7.0	36

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19	Phosphoinositides: multipurpose cellular lipids with emerging roles in cell death. <i>Cell Death and Differentiation</i> , 2019, 26, 781-793.	5.0	33
20	Gasdermin E Does Not Limit Apoptotic Cell Disassembly by Promoting Early Onset of Secondary Necrosis in Jurkat T Cells and THP-1 Monocytes. <i>Frontiers in Immunology</i> , 2018, 9, 2842.	2.2	32
21	Plexin B2 Is a Regulator of Monocyte Apoptotic Cell Disassembly. <i>Cell Reports</i> , 2019, 29, 1821-1831.e3.	2.9	28
22	Monocyte apoptotic bodies are vehicles for influenza A virus propagation. <i>Communications Biology</i> , 2020, 3, 223.	2.0	20
23	Structural and functional characterization of the membrane-permeabilizing activity of <i>Nicotiana occidentalis</i> defensin NoD173 and protein engineering to enhance oncolysis. <i>FASEB Journal</i> , 2019, 33, 6470-6482.	0.2	18
24	Defining the role of cytoskeletal components in the formation of apoptopodia and apoptotic bodies during apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 862-877.	2.2	15
25	Pannexin-1 channel regulates nuclear content packaging into apoptotic bodies and their size. <i>Proteomics</i> , 2021, 21, e2000097.	1.3	15
26	Importance of phosphoinositide binding by human β -defensin 3 for Akt-dependent cytokine induction. <i>Immunology and Cell Biology</i> , 2018, 96, 54-67.	1.0	11
27	Detection and Isolation of Apoptotic Bodies to High Purity. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	11
28	Combating Human Pathogens and Cancer by Targeting Phosphoinositides and Their Metabolism. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 866-882.	4.0	10
29	Human β -Defensin 2 (HBD-2) Displays Oncolytic Activity but Does Not Affect Tumour Cell Migration. <i>Biomolecules</i> , 2022, 12, 264.	1.8	9
30	Defensin-lipid interactions in membrane targeting: mechanisms of action and opportunities for the development of antimicrobial and anticancer therapeutics. <i>Biochemical Society Transactions</i> , 2022, 50, 423-437.	1.6	6
31	Editorial: Advances in the Immunology of Host Defense Peptide: Mechanisms and Applications of Antimicrobial Functions and Beyond. <i>Frontiers in Immunology</i> , 2021, 12, 637641.	2.2	4
32	Modelling X-linked Alport Syndrome With Induced Pluripotent Stem Cell-Derived Podocytes. <i>Kidney International Reports</i> , 2021, 6, 2912-2917.	0.4	1
33	NaD1 forms oligomeric complexes with phosphatidylinositol to lyse cell membranes. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1049-C1049.	0.0	0
34	Deubiquitinase enzyme STAMBP plays a broad role in both Toll-like and Nod-like receptor mediated inflammation. <i>European Journal of Inflammation</i> , 2020, 18, 205873922096084.	0.2	0
35	Title is missing!. , 2020, 18, e3000644.		0
36	Title is missing!. , 2020, 18, e3000644.		0

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37	Title is missing!. , 2020, 18, e3000644.		0
38	Title is missing!. , 2020, 18, e3000644.		0
39	Title is missing!.. , 2020, 18, e3000644.		0
40	Title is missing!.. , 2020, 18, e3000644.		0