

Ivan K H Poon

List of Publications by Citations

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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.

47
papers

2,896
citations

26
h-index

51
g-index

51
ext. papers

3,743
ext. citations

10.2
avg, IF

5.72
L-index

#	Paper	IF	Citations
47	Apoptotic cell clearance: basic biology and therapeutic potential. <i>Nature Reviews Immunology</i> , 2014 , 14, 166-80	36.5	710
46	Apoptotic Cell-Derived Extracellular Vesicles: More Than Just Debris. <i>Frontiers in Immunology</i> , 2018 , 9, 1486	8.4	241
45	A novel mechanism of generating extracellular vesicles during apoptosis via a beads-on-a-string membrane structure. <i>Nature Communications</i> , 2015 , 6, 7439	17.4	178
44	Unexpected link between an antibiotic, pannexin channels and apoptosis. <i>Nature</i> , 2014 , 507, 329-34	50.4	158
43	Soluble heparan sulfate fragments generated by heparanase trigger the release of pro-inflammatory cytokines through TLR-4. <i>PLoS ONE</i> , 2014 , 9, e109596	3.7	142
42	Histidine-rich glycoprotein: the Swiss Army knife of mammalian plasma. <i>Blood</i> , 2011 , 117, 2093-101	2.2	137
41	Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane. <i>Molecular Metabolism</i> , 2014 , 3, 114-23	8.8	118
40	Endothelial cell apoptosis and the role of endothelial cell-derived extracellular vesicles in the progression of atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 1093-1106	10.3	112
39	Disassembly of the Dying: Mechanisms and Functions. <i>Trends in Cell Biology</i> , 2017 , 27, 151-162	18.3	95
38	Monitoring the progression of cell death and the disassembly of dying cells by flow cytometry. <i>Nature Protocols</i> , 2016 , 11, 655-63	18.8	68
37	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, 1964-78	4.8	65
36	Extracellular vesicles secreted by are involved in cell wall remodelling. <i>Communications Biology</i> , 2019 , 2, 305	6.7	64
35	Metabolic vulnerabilities in endometrial cancer. <i>Cancer Research</i> , 2014 , 74, 5832-45	10.1	62
34	Determining the contents and cell origins of apoptotic bodies by flow cytometry. <i>Scientific Reports</i> , 2017 , 7, 14444	4.9	59
33	Tumor cell membrane-targeting cationic antimicrobial peptides: novel insights into mechanisms of action and therapeutic prospects. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3809-3825	10.3	54
32	The induction and consequences of Influenza A virus-induced cell death. <i>Cell Death and Disease</i> , 2018 , 9, 1002	9.8	53
31	Isolation of cell type-specific apoptotic bodies by fluorescence-activated cell sorting. <i>Scientific Reports</i> , 2017 , 7, 39846	4.9	49

30	Moving beyond size and phosphatidylserine exposure: evidence for a diversity of apoptotic cell-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1608786	16.4	42
29	Defining the morphologic features and products of cell disassembly during apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017 , 22, 475-477	5.4	40
28	X-ray structure of a carpet-like antimicrobial defensin-phospholipid membrane disruption complex. <i>Nature Communications</i> , 2018 , 9, 1962	17.4	38
27	Human α -defensin 3 contains an oncolytic motif that binds PI(4,5)P2 to mediate tumour cell permeabilisation. <i>Oncotarget</i> , 2016 , 7, 2054-69	3.3	36
26	The plant defensin NaD1 introduces membrane disorder through a specific interaction with the lipid, phosphatidylinositol 4,5 bisphosphate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 1099-109	3.8	33
25	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	11.5	32
24	Histidine-rich glycoprotein is a novel plasma pattern recognition molecule that recruits IgG to facilitate necrotic cell clearance via Fc γ RI on phagocytes. <i>Blood</i> , 2010 , 115, 2473-82	2.2	32
23	Mice deficient in heparanase exhibit impaired dendritic cell migration and reduced airway inflammation. <i>European Journal of Immunology</i> , 2014 , 44, 1016-30	6.1	29
22	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	8.4	26
21	Nicotiana glauca Defensin Chimeras Reveal Differences in the Mechanism of Fungal and Tumor Cell Killing and an Enhanced Antifungal Variant. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6302-12	5.9	23
20	Analysis of extracellular vesicles generated from monocytes under conditions of lytic cell death. <i>Scientific Reports</i> , 2019 , 9, 7538	4.9	22
19	Phosphoinositides: multipurpose cellular lipids with emerging roles in cell death. <i>Cell Death and Differentiation</i> , 2019 , 26, 781-793	12.7	21
18	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	12.7	19
17	Oral administration of bovine milk-derived extracellular vesicles induces senescence in the primary tumor but accelerates cancer metastasis. <i>Nature Communications</i> , 2021 , 12, 3950	17.4	17
16	Histidine-rich glycoprotein functions cooperatively with cell surface heparan sulfate on phagocytes to promote necrotic cell uptake. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 559-69	6.5	16
15	Regulation of histidine-rich glycoprotein (HRG) function via plasmin-mediated proteolytic cleavage. <i>Biochemical Journal</i> , 2009 , 424, 27-37	3.8	15
14	Unleashing the therapeutic potential of apoptotic bodies. <i>Biochemical Society Transactions</i> , 2020 , 48, 2079-2088	5.1	12
13	Apoptotic Bodies: Mechanism of Formation, Isolation and Functional Relevance. <i>Sub-Cellular Biochemistry</i> , 2021 , 97, 61-88	5.5	12

12	Methods for monitoring the progression of cell death, cell disassembly and cell clearance. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019 , 24, 208-220	5.4	10
11	Plexin B2 Is a Regulator of Monocyte Apoptotic Cell Disassembly. <i>Cell Reports</i> , 2019 , 29, 1821-1831.e3	10.6	8
10	Divalent metal binding by histidine-rich glycoprotein differentially regulates higher order oligomerisation and proteolytic processing. <i>FEBS Letters</i> , 2017 , 591, 164-176	3.8	6
9	Monocyte apoptotic bodies are vehicles for influenza A virus propagation. <i>Communications Biology</i> , 2020 , 3, 223	6.7	6
8	Phenotypic screen for oxygen consumption rate identifies an anti-cancer naphthoquinone that induces mitochondrial oxidative stress. <i>Redox Biology</i> , 2020 , 28, 101374	11.3	6
7	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	5.4	5
6	Combating Human Pathogens and Cancer by Targeting Phosphoinositides and Their Metabolism. <i>Trends in Pharmacological Sciences</i> , 2019 , 40, 866-882	13.2	4
5	Pannexin 1 channels facilitate communication between T cells to restrict the severity of airway inflammation. <i>Immunity</i> , 2021 , 54, 1715-1727.e7	32.3	4
4	Disassembly of dying cells in diverse organisms. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 245-257	10.3	3
3	Smac mimetics can provoke lytic cell death that is neither apoptotic nor necroptotic. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020 , 25, 500-518	5.4	1
2	Construction of a Highly Sensitive Thiol-Reactive AIEgen-Peptide Conjugate for Monitoring Protein Unfolding and Aggregation in Cells. <i>Advanced Healthcare Materials</i> , 2021 , e2101300	10.1	1
1	Response by Good et al to Letter Regarding Article, "Pannexin-1 Channels as an Unexpected New Target of the Antihypertensive Drug Spironolactone". <i>Circulation Research</i> , 2018 , 122, e88-e89	15.7	