

# Ivan K H Poon

## List of Publications by Year in Descending Order

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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	Construction of a Highly Sensitive Thiol-Reactive AIEgen-Peptide Conjugate for Monitoring Protein Unfolding and Aggregation in Cells. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2101300	10.1	1
46	Oral administration of bovine milk-derived extracellular vesicles induces senescence in the primary tumor but accelerates cancer metastasis. <i>Nature Communications</i> , <b>2021</b> , 12, 3950	17.4	17
45	Apoptotic Bodies: Mechanism of Formation, Isolation and Functional Relevance. <i>Sub-Cellular Biochemistry</i> , <b>2021</b> , 97, 61-88	5.5	12
44	Pannexin 1 channels facilitate communication between T cells to restrict the severity of airway inflammation. <i>Immunity</i> , <b>2021</b> , 54, 1715-1727.e7	32.3	4
43	Smac mimetics can provoke lytic cell death that is neither apoptotic nor necroptotic. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2020</b> , 25, 500-518	5.4	1
42	Monocyte apoptotic bodies are vehicles for influenza A virus propagation. <i>Communications Biology</i> , <b>2020</b> , 3, 223	6.7	6
41	Unleashing the therapeutic potential of apoptotic bodies. <i>Biochemical Society Transactions</i> , <b>2020</b> , 48, 2079-2088	5.1	12
40	Phenotypic screen for oxygen consumption rate identifies an anti-cancer naphthoquinone that induces mitochondrial oxidative stress. <i>Redox Biology</i> , <b>2020</b> , 28, 101374	11.3	6
39	ROCK1 but not LIMK1 or PAK2 is a key regulator of apoptotic membrane blebbing and cell disassembly. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 102-116	12.7	19
38	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> , <b>2019</b> , 24, 862-877	5.4	5
37	Methods for monitoring the progression of cell death, cell disassembly and cell clearance. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2019</b> , 24, 208-220	5.4	10
36	Analysis of extracellular vesicles generated from monocytes under conditions of lytic cell death. <i>Scientific Reports</i> , <b>2019</b> , 9, 7538	4.9	22
35	Moving beyond size and phosphatidylserine exposure: evidence for a diversity of apoptotic cell-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1608786	16.4	42
34	Phosphoinositides: multipurpose cellular lipids with emerging roles in cell death. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 781-793	12.7	21
33	Extracellular vesicles secreted by are involved in cell wall remodelling. <i>Communications Biology</i> , <b>2019</b> , 2, 305	6.7	64
32	Plexin B2 Is a Regulator of Monocyte Apoptotic Cell Disassembly. <i>Cell Reports</i> , <b>2019</b> , 29, 1821-1831.e3	10.6	8
31	Combating Human Pathogens and Cancer by Targeting Phosphoinositides and Their Metabolism. <i>Trends in Pharmacological Sciences</i> , <b>2019</b> , 40, 866-882	13.2	4

30	Endothelial cell apoptosis and the role of endothelial cell-derived extracellular vesicles in the progression of atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 1093-1106	10.3	112
29	Disassembly of dying cells in diverse organisms. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 245-257	10.3	3
28	Apoptotic Cell-Derived Extracellular Vesicles: More Than Just Debris. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1486	8.4	241
27	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> , <b>2018</b> , 9, 2842	8.4	26
26	The induction and consequences of Influenza A virus-induced cell death. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 1002	9.8	53
25	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> , <b>2018</b> , 122, e88-e89	15.7	
24	X-ray structure of a carpet-like antimicrobial defensin-phospholipid membrane disruption complex. <i>Nature Communications</i> , <b>2018</b> , 9, 1962	17.4	38
23	Defining the morphologic features and products of cell disassembly during apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2017</b> , 22, 475-477	5.4	40
22	Isolation of cell type-specific apoptotic bodies by fluorescence-activated cell sorting. <i>Scientific Reports</i> , <b>2017</b> , 7, 39846	4.9	49
21	Divalent metal binding by histidine-rich glycoprotein differentially regulates higher order oligomerisation and proteolytic processing. <i>FEBS Letters</i> , <b>2017</b> , 591, 164-176	3.8	6
20	Tumor cell membrane-targeting cationic antimicrobial peptides: novel insights into mechanisms of action and therapeutic prospects. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 3809-3825	10.3	54
19	Determining the contents and cell origins of apoptotic bodies by flow cytometry. <i>Scientific Reports</i> , <b>2017</b> , 7, 14444	4.9	59
18	Disassembly of the Dying: Mechanisms and Functions. <i>Trends in Cell Biology</i> , <b>2017</b> , 27, 151-162	18.3	95
17	Nicotiana alata Defensin Chimeras Reveal Differences in the Mechanism of Fungal and Tumor Cell Killing and an Enhanced Antifungal Variant. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6302-12	5.9	23
16	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> , <b>2016</b> , 113, 11202-11207	11.5	32
15	The plant defensin NaD1 introduces membrane disorder through a specific interaction with the lipid, phosphatidylinositol 4,5 biphosphate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2016</b> , 1858, 1099-109	3.8	33
14	Human Defensin 3 contains an oncolytic motif that binds PI(4,5)P2 to mediate tumour cell permeabilisation. <i>Oncotarget</i> , <b>2016</b> , 7, 2054-69	3.3	36
13	Monitoring the progression of cell death and the disassembly of dying cells by flow cytometry. <i>Nature Protocols</i> , <b>2016</b> , 11, 655-63	18.8	68

12	A novel mechanism of generating extracellular vesicles during apoptosis via a beads-on-a-string membrane structure. <i>Nature Communications</i> , <b>2015</b> , 6, 7439	17.4	178
11	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> , <b>2015</b> , 35, 1964-78	4.8	65
10	Unexpected link between an antibiotic, pannexin channels and apoptosis. <i>Nature</i> , <b>2014</b> , 507, 329-34	50.4	158
9	Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane. <i>Molecular Metabolism</i> , <b>2014</b> , 3, 114-23	8.8	118
8	Apoptotic cell clearance: basic biology and therapeutic potential. <i>Nature Reviews Immunology</i> , <b>2014</b> , 14, 166-80	36.5	710
7	Metabolic vulnerabilities in endometrial cancer. <i>Cancer Research</i> , <b>2014</b> , 74, 5832-45	10.1	62
6	Soluble heparan sulfate fragments generated by heparanase trigger the release of pro-inflammatory cytokines through TLR-4. <i>PLoS ONE</i> , <b>2014</b> , 9, e109596	3.7	142
5	Mice deficient in heparanase exhibit impaired dendritic cell migration and reduced airway inflammation. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 1016-30	6.1	29
4	Histidine-rich glycoprotein: the Swiss Army knife of mammalian plasma. <i>Blood</i> , <b>2011</b> , 117, 2093-101	2.2	137
3	Histidine-rich glycoprotein functions cooperatively with cell surface heparan sulfate on phagocytes to promote necrotic cell uptake. <i>Journal of Leukocyte Biology</i> , <b>2010</b> , 88, 559-69	6.5	16
2	Histidine-rich glycoprotein is a novel plasma pattern recognition molecule that recruits IgG to facilitate necrotic cell clearance via FcγRI on phagocytes. <i>Blood</i> , <b>2010</b> , 115, 2473-82	2.2	32
1	Regulation of histidine-rich glycoprotein (HRG) function via plasmin-mediated proteolytic cleavage. <i>Biochemical Journal</i> , <b>2009</b> , 424, 27-37	3.8	15