

Andrew Devitt

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

10,401
citations

218381

26
h-index

223531

46
g-index

51
all docs

51
docs citations

51
times ranked

16356
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	Human CD14 mediates recognition and phagocytosis of apoptotic cells. <i>Nature</i> , 1998, 392, 505-509.	13.7	629
3	Technical challenges of working with extracellular vesicles. <i>Nanoscale</i> , 2018, 10, 881-906.	2.8	366
4	Monocytes in Coronary Artery Disease and Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1541-1551.	1.2	316
5	The macrophage and the apoptotic cell: an innate immune interaction viewed simplistically?. <i>Immunology</i> , 2004, 113, 1-14.	2.0	241
6	Macrophages: The Good, the Bad, and the Gluttony. <i>Frontiers in Immunology</i> , 2021, 12, 708186.	2.2	178
7	Persistence of apoptotic cells without autoimmune disease or inflammation in CD14 ^{hi} mice. <i>Journal of Cell Biology</i> , 2004, 167, 1161-1170.	2.3	127
8	Low-nutrient induction of abnormal chlamydial development: A novel component of chlamydial pathogenesis?. <i>FEMS Microbiology Letters</i> , 1993, 106, 193-200.	0.7	112
9	Characterization of Microvesicles Released from Human Red Blood Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 1085-1099.	1.1	109
10	The role of monocytes in atherosclerotic coronary artery disease. <i>Annals of Medicine</i> , 2010, 42, 394-403.	1.5	108
11	The vesicle size of DDA:TDB liposomal adjuvants plays a role in the cell-mediated immune response but has no significant effect on antibody production. <i>Journal of Controlled Release</i> , 2011, 154, 131-137.	4.8	105
12	Designing liposomal adjuvants for the next generation of vaccines. <i>Advanced Drug Delivery Reviews</i> , 2016, 99, 85-96.	6.6	99
13	The innate immune system and the clearance of apoptotic cells. <i>Journal of Leukocyte Biology</i> , 2011, 90, 447-457.	1.5	87
14	CD14-dependent clearance of apoptotic cells by human macrophages: the role of phosphatidylserine. <i>Cell Death and Differentiation</i> , 2003, 10, 371-382.	5.0	80
15	Apoptotic cell-derived ICAM-3 promotes both macrophage chemoattraction to and tethering of apoptotic cells. <i>Cell Death and Differentiation</i> , 2012, 19, 671-679.	5.0	80
16	Redox regulation of protein damage in plasma. <i>Redox Biology</i> , 2014, 2, 430-435.	3.9	66
17	Age-associated changes in long-chain fatty acid profile during healthy aging promote pro-inflammatory monocyte polarization via PPAR ^γ . <i>Aging Cell</i> , 2016, 15, 128-139.	3.0	60
18	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1473707.	5.5	60

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19	Formulation and manufacturing of lymphatic targeting liposomes using microfluidics. <i>Journal of Controlled Release</i> , 2019, 307, 211-220.	4.8	54
20	Simvastatin reduces circulating oxysterol levels in men with hypercholesterolaemia. <i>Redox Biology</i> , 2018, 16, 139-145.	3.9	43
21	Roles of ICAM-3 and CD 14 in the recognition and phagocytosis of apoptotic cells by macrophages. <i>Biochemical Society Transactions</i> , 1998, 26, 644-649.	1.6	39
22	CD14 and apoptosis. , 1999, 4, 11-20.		39
23	Effect of Incorporating Cholesterol into DDA:TDB Liposomal Adjuvants on Bilayer Properties, Biodistribution, and Immune Responses. <i>Molecular Pharmaceutics</i> , 2014, 11, 197-207.	2.3	37
24	Anaerobiosis influences virulence properties of <i>Pseudomonas aeruginosa</i> cystic fibrosis isolates and the interaction with <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2019, 9, 6748.	1.6	36
25	Transglutaminase 2 interacts with syndecan-4 and CD44 at the surface of human macrophages to promote removal of apoptotic cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 201-212.	1.9	35
26	Inflammation, Lipid (Per)oxidation, and Redox Regulation. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 166-190.	2.5	35
27	Gene delivery of the elastase inhibitor elafin protects macrophages from neutrophil elastase-mediated impairment of apoptotic cell recognition. <i>FEBS Letters</i> , 2004, 574, 80-84.	1.3	34
28	<i>Porphyromonas gingivalis</i> gingipains cause defective macrophage migration towards apoptotic cells and inhibit phagocytosis of primary apoptotic neutrophils. <i>Cell Death and Disease</i> , 2017, 8, e2644-e2644.	2.7	28
29	Serum Response Factor Cleavage by Caspases 3 and 7 Linked to Apoptosis in Human BJAB Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 33444-33451.	1.6	24
30	Current Understanding of the Mechanisms for Clearance of Apoptotic Cells—A Fine Balance. <i>Journal of Cell Death</i> , 2013, 6, JCD.S11037.	0.8	22
31	Inhibitory effects of persistent apoptotic cells on monoclonal antibody production in vitro. <i>MABs</i> , 2009, 1, 370-376.	2.6	21
32	Cell Exclusion in <i>Microfluidic</i> Flow: Evaluation Through Flow Visualization and Mechanical Forces. <i>Artificial Organs</i> , 2013, 37, 267-275.	1.0	21
33	The N-Terminus of CD14 Acts to Bind Apoptotic Cells and Confers Rapid-Tethering Capabilities on Non-Myeloid Cells. <i>PLoS ONE</i> , 2013, 8, e70691.	1.1	20
34	Effects of Lithium and Valproic Acid on Gene Expression and Phenotypic Markers in an NT2 Neurosphere Model of Neural Development. <i>PLoS ONE</i> , 2013, 8, e58822.	1.1	18
35	Apoptotic cell-derived extracellular vesicles: structure–function relationships. <i>Biochemical Society Transactions</i> , 2019, 47, 509-516.	1.6	17
36	CD81 extracted in SMALP nanodiscs comprises two distinct protein populations within a lipid environment enriched with negatively charged headgroups. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183419.	1.4	16

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37	Emerging roles for AQP in mammalian extracellular vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183826.	1.4	13
38	Biophysical analysis of lipidic nanoparticles. <i>Methods</i> , 2020, 180, 45-55.	1.9	12
39	Bcl-2 delays macrophage engulfment of human B cells induced to undergo apoptosis. <i>European Journal of Immunology</i> , 1996, 26, 2243-2247.	1.6	10
40	Evidence of sequestration of triclabendazole and associated metabolites by extracellular vesicles of <i>Fasciola hepatica</i> . <i>Scientific Reports</i> , 2020, 10, 13445.	1.6	9
41	Developing accurate models of the human airways. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 464-472.	1.2	8
42	Measurement of Apoptotic Cell Clearance In Vitro. , 2004, 282, 207-222.		5
43	Circulating monocytes and atherogenesis: From animal experiments to human studies. <i>Thrombosis and Haemostasis</i> , 2010, 104, 191-193.	1.8	5
44	Polymeric Microspheres as Protein Transduction Reagents. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1543-1551.	2.5	5
45	“Persistent” forms and persistence of Chlamydia. <i>Trends in Microbiology</i> , 1994, 2, 257-258.	3.5	3
46	Communicating with the dead: lipids, lipid mediators and extracellular vesicles. <i>Biochemical Society Transactions</i> , 2018, 46, 631-639.	1.6	3
47	Innate immune mechanisms in the resolution of inflammation. , 2008, , 39-56.		2
48	Extracellular vesicles in the tumour microenvironment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160475.	1.8	2
49	Innate Immunity and Apoptosis: CD14-Dependent Clearance of Apoptotic Cells. , 0, , 111-131.		0