Catherine E. Angel

List of Publications by Year
in descending order

28 papers	1,925 citations	516710 16 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	3659 citing authors

#	Article	IF	Citations
1	Human CD141+ (BDCA-3)+ dendritic cells (DCs) represent a unique myeloid DC subset that cross-presents necrotic cell antigens. Journal of Experimental Medicine, 2010, 207, 1247-1260.	8.5	931
2	Application of xCELLigence RTCA Biosensor Technology for Revealing the Profile and Window of Drug Responsiveness in Real Time. Biosensors, 2015, 5, 199-222.	4.7	139
3	Pro-inflammatory TNFÎ± and IL-1Î² differentially regulate the inflammatory phenotype of brain microvascular endothelial cells. Journal of Neuroinflammation, 2015, 12, 131.	7.2	134
4	Cutting Edge: CD1a+ Antigen-Presenting Cells in Human Dermis Respond Rapidly to CCR7 Ligands. Journal of Immunology, 2006, 176, 5730-5734.	0.8	92
5	Distinctive localization of antigen-presenting cells in human lymph nodes. Blood, 2009, 113, 1257-1267.	1.4	76
6	CD14+ antigen-presenting cells in human dermis are less mature than their CD1a+ counterparts. International Immunology, 2007, 19, 1271-1279.	4.0	74
7	Exposure to Inflammatory Cytokines IL-1Î² and TNFÎ± Induces Compromise and Death of Astrocytes; Implications for Chronic Neuroinflammation. PLoS ONE, 2013, 8, e84269.	2.5	61
8	Real-time profiling of NK cell killing of human astrocytes using xCELLigence technology. Journal of Neuroscience Methods, 2011, 200, 173-180.	2.5	48
9	Mapping the Distinctive Populations of Lymphatic Endothelial Cells in Different Zones of Human Lymph Nodes. PLoS ONE, 2014, 9, e94781.	2.5	47
10	Neutrophil Influx and Chemokine Production during the Early Phases of the Antitumor Response to the Vascular Disrupting Agent DMXAA (ASA404). Neoplasia, 2009, 11, 793-803.	5.3	39
11	Detailed analysis of inflammatory and neuromodulatory cytokine secretion from human NT2 astrocytes using multiplex bead array. Neurochemistry International, 2012, 60, 573-580.	3.8	39
12	Targeting Antigen to MHC Class II Molecules Promotes Efficient Cross-Presentation and Enhances Immunotherapy. Journal of Immunology, 2009, 182, 1260-1269.	0.8	37
13	Regulation of human cerebro-microvascular endothelial baso-lateral adhesion and barrier function by S1P through dual involvement of S1P1 and S1P2 receptors. Scientific Reports, 2016, 6, 19814.	3.3	29
14	The functional and inflammatory response of brain endothelial cells to Toll-Like Receptor agonists. Scientific Reports, 2018, 8, 10102.	3.3	26
15	Comprehensive analysis of MHCâ€Ⅱ expression in healthy human skin. Immunology and Cell Biology, 2007, 85, 363-369.	2.3	22
16	Real-Time Measurement of Melanoma Cell-Mediated Human Brain Endothelial Barrier Disruption Using Electric Cell-Substrate Impedance Sensing Technology. Biosensors, 2019, 9, 56.	4.7	19
17	Sphingosineâ€1â€phosphate lyase is expressed by CD68⁺ cells on the parenchymal side of marginal reticular cells in human lymph nodes. European Journal of Immunology, 2014, 44, 2425-2436.	2.9	17
18	Human T cell activation induces synaptic translocation and alters expression of the serine protease inhibitor neuroserpin and its target protease. Journal of Leukocyte Biology, 2015, 97, 699-710.	3.3	15

#	Article	IF	Citations
19	Migratory cues controlling Bâ€lymphocyte trafficking in human lymph nodes. Immunology and Cell Biology, 2021, 99, 49-64.	2.3	15
20	ECIS technology reveals that monocytes isolated by CD14+ve selection mediate greater loss of BBB integrity than untouched monocytes, which occurs to a greater extent with IL-1Î² activated endothelium in comparison to TNFÎ±. PLoS ONE, 2017, 12, e0180267.	2.5	13
21	Distinctive Subpopulations of Stromal Cells Are Present in Human Lymph Nodes Infiltrated with Melanoma. Cancer Immunology Research, 2020, 8, 990-1003.	3.4	10
22	Analysis of Melanoma Secretome for Factors That Directly Disrupt the Barrier Integrity of Brain Endothelial Cells. International Journal of Molecular Sciences, 2020, 21, 8193.	4.1	7
23	Comprehensive analysis of inhibitory checkpoint ligand expression by glioblastoma cells. Immunology and Cell Biology, 2021, 99, 403-418.	2.3	7
24	Can ECIS Biosensor Technology Be Used to Measure the Cellular Responses of Glioblastoma Stem Cells?. Biosensors, 2021, 11, 498.	4.7	7
25	Spatially transformed fluorescence image data for ERK-MAPK and selected proteins within human epidermis. GigaScience, 2015, 4, 63.	6.4	6
26	Biosensor Technology Reveals the Disruption of the Endothelial Barrier Function and the Subsequent Death of Blood Brain Barrier Endothelial Cells to Sodium Azide and Its Gaseous Products. Biosensors, 2017, 7, 41.	4.7	6
27	Comparison of Leading Biosensor Technologies to Detect Changes in Human Endothelial Barrier Properties in Response to Pro-Inflammatory TNFÎ± and IL1Î² in Real-Time. Biosensors, 2021, 11, 159.	4.7	6
28	Inference of an in situ epidermal intracellular signaling cascade. , 2010, 2010, 799-802.		3