

Catherine E. Angel

List of Publications by Year in descending order

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Version: 2024-02-01

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	Migratory cues controlling Bâ€lymphocyte trafficking in human lymph nodes. <i>Immunology and Cell Biology</i> , 2021, 99, 49-64.	2.3	15
2	Comprehensive analysis of inhibitory checkpoint ligand expression by glioblastoma cells. <i>Immunology and Cell Biology</i> , 2021, 99, 403-418.	2.3	7
3	Comparison of Leading Biosensor Technologies to Detect Changes in Human Endothelial Barrier Properties in Response to Pro-Inflammatory TNFÎ± and IL1Î² in Real-Time. <i>Biosensors</i> , 2021, 11, 159.	4.7	6
4	Can ECIS Biosensor Technology Be Used to Measure the Cellular Responses of Glioblastoma Stem Cells?. <i>Biosensors</i> , 2021, 11, 498.	4.7	7
5	Analysis of Melanoma Secretome for Factors That Directly Disrupt the Barrier Integrity of Brain Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8193.	4.1	7
6	Distinctive Subpopulations of Stromal Cells Are Present in Human Lymph Nodes Infiltrated with Melanoma. <i>Cancer Immunology Research</i> , 2020, 8, 990-1003.	3.4	10
7	Real-Time Measurement of Melanoma Cell-Mediated Human Brain Endothelial Barrier Disruption Using Electric Cell-Substrate Impedance Sensing Technology. <i>Biosensors</i> , 2019, 9, 56.	4.7	19
8	The functional and inflammatory response of brain endothelial cells to Toll-Like Receptor agonists. <i>Scientific Reports</i> , 2018, 8, 10102.	3.3	26
9	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. <i>Biosensors</i> , 2017, 7, 41.	4.7	6
10	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±. <i>PLoS ONE</i> , 2017, 12, e0180267.	2.5	13
11	Regulation of human cerebro-microvascular endothelial baso-lateral adhesion and barrier function by S1P through dual involvement of S1P1 and S1P2 receptors. <i>Scientific Reports</i> , 2016, 6, 19814.	3.3	29
12	Pro-inflammatory TNFÎ± and IL-1Î² differentially regulate the inflammatory phenotype of brain microvascular endothelial cells. <i>Journal of Neuroinflammation</i> , 2015, 12, 131.	7.2	134
13	Spatially transformed fluorescence image data for ERK-MAPK and selected proteins within human epidermis. <i>GigaScience</i> , 2015, 4, 63.	6.4	6
14	Application of xCELLigence RTCA Biosensor Technology for Revealing the Profile and Window of Drug Responsiveness in Real Time. <i>Biosensors</i> , 2015, 5, 199-222.	4.7	139
15	Human T cell activation induces synaptic translocation and alters expression of the serine protease inhibitor neuroserpin and its target protease. <i>Journal of Leukocyte Biology</i> , 2015, 97, 699-710.	3.3	15
16	Mapping the Distinctive Populations of Lymphatic Endothelial Cells in Different Zones of Human Lymph Nodes. <i>PLoS ONE</i> , 2014, 9, e94781.	2.5	47
17	Sphingosineâ€1â€phosphate lyase is expressed by CD68⁺ cells on the parenchymal side of marginal reticular cells in human lymph nodes. <i>European Journal of Immunology</i> , 2014, 44, 2425-2436.	2.9	17
18	Exposure to Inflammatory Cytokines IL-1Î² and TNFÎ± Induces Compromise and Death of Astrocytes; Implications for Chronic Neuroinflammation. <i>PLoS ONE</i> , 2013, 8, e84269.	2.5	61

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19	Detailed analysis of inflammatory and neuromodulatory cytokine secretion from human NT2 astrocytes using multiplex bead array. <i>Neurochemistry International</i> , 2012, 60, 573-580.	3.8	39
20	Real-time profiling of NK cell killing of human astrocytes using xCELLigence technology. <i>Journal of Neuroscience Methods</i> , 2011, 200, 173-180.	2.5	48
21	Human CD141+ (BDCA-3)+ dendritic cells (DCs) represent a unique myeloid DC subset that cross-presents necrotic cell antigens. <i>Journal of Experimental Medicine</i> , 2010, 207, 1247-1260.	8.5	931
22	Inference of an in situ epidermal intracellular signaling cascade. , 2010, 2010, 799-802.		3
23	Targeting Antigen to MHC Class II Molecules Promotes Efficient Cross-Presentation and Enhances Immunotherapy. <i>Journal of Immunology</i> , 2009, 182, 1260-1269.	0.8	37
24	Neutrophil Influx and Chemokine Production during the Early Phases of the Antitumor Response to the Vascular Disrupting Agent DMXAA (ASA404). <i>Neoplasia</i> , 2009, 11, 793-803.	5.3	39
25	Distinctive localization of antigen-presenting cells in human lymph nodes. <i>Blood</i> , 2009, 113, 1257-1267.	1.4	76
26	CD14+ antigen-presenting cells in human dermis are less mature than their CD1a+ counterparts. <i>International Immunology</i> , 2007, 19, 1271-1279.	4.0	74
27	Comprehensive analysis of MHC expression in healthy human skin. <i>Immunology and Cell Biology</i> , 2007, 85, 363-369.	2.3	22
28	Cutting Edge: CD1a+ Antigen-Presenting Cells in Human Dermis Respond Rapidly to CCR7 Ligands. <i>Journal of Immunology</i> , 2006, 176, 5730-5734.	0.8	92