

Scott E Graham

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,919
citations

236925

25
h-index

254184

43
g-index

55
all docs

55
docs citations

55
times ranked

3064
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive analysis of inhibitory checkpoint ligand expression by glioblastoma cells. <i>Immunology and Cell Biology</i> , 2021, 99, 403-418.	2.3	7
2	Anti-Inflammatory Therapies for Treatment of Inflammation-Related Preterm Brain Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4008.	4.1	14
3	Geometric micro-shapes facilitate trackless connections between human astrocytes. <i>Journal of Neural Engineering</i> , 2021, 18, 036020.	3.5	1
4	Comparison of Leading Biosensor Technologies to Detect Changes in Human Endothelial Barrier Properties in Response to Pro-Inflammatory TNF \pm and IL1 β in Real-Time. <i>Biosensors</i> , 2021, 11, 159.	4.7	6
5	Superior galvanostatic electrochemical deposition of platinum nanograss provides high performance planar microelectrodes for in vitro neural recording. <i>Journal of Neural Engineering</i> , 2021, 18, 0460d8.	3.5	3
6	Bradykinin receptor β 1 activation induces inflammation and increases the permeability of human brain microvascular endothelial cells. <i>Cell Biology International</i> , 2020, 44, 343-351.	3.0	27
7	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
8	Comparison of Leading Biosensor Technologies to Measure Endothelial Adhesion, Barrier Properties, and Responses to Cytokines in Real-Time. , 2020, 60, .		0
9	Activating a 2 β -2 Network of hNT Astrocytes with UV Laser Stimulation. , 2019, , .		3
10	Single Cell Grid Networks of Human Astrocytes On Chip. , 2019, , .		3
11	Evaluation of parylene derivatives for use as biomaterials for human astrocyte cell patterning. <i>PLoS ONE</i> , 2019, 14, e0218850.	2.5	4
12	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
13	The inflammasome pathway is amplified and perpetuated in an autocrine manner through connexin43 hemichannel mediated ATP release. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 385-393.	2.4	87
14	In Vitro Wounding Models Using the Electric Cell-Substrate Impedance Sensing (ECIS)-Z β Technology. <i>Biosensors</i> , 2018, 8, 90.	4.7	8
15	The functional and inflammatory response of brain endothelial cells to Toll-Like Receptor agonists. <i>Scientific Reports</i> , 2018, 8, 10102.	3.3	26
16	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
17	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-1 β activated endothelium in comparison to TNF \pm . <i>PLoS ONE</i> , 2017, 12, e0180267.	2.5	13
18	Is the Cannabinoid CB 2 Receptor a Major Regulator of the Neuroinflammatory Axis of the Neurovascular Unit in Humans?. <i>Advances in Pharmacology</i> , 2017, 80, 367-396.	2.0	9

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19	Statins Inhibit Fibrillary β -Amyloid Induced Inflammation in a Model of the Human Blood Brain Barrier. PLoS ONE, 2016, 11, e0157483.	2.5	23
20	Investigation of the Ca^{2+} -response of human hNT astrocytes to laser removal of cellular processes. , 2016, 2016, 1750-1753.		0
21	Cultured pericytes from human brain show phenotypic and functional differences associated with differential CD90 expression. Scientific Reports, 2016, 6, 26587.	3.3	38
22	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
23	Interferon- β blocks signalling through PDGFR β in human brain pericytes. Journal of Neuroinflammation, 2016, 13, 249.	7.2	28
24	Isolation of highly enriched primary human microglia for functional studies. Scientific Reports, 2016, 6, 19371.	3.3	67
25	Human astrocytic grid networks patterned in parylene-C inlayed SiO ₂ trenches. Biomaterials, 2016, 105, 117-126.	11.4	15
26	Investigating parylene-HT as a substrate for human cell patterning. , 2016, 2016, 141-144.		0
27	TGF-beta1 regulates human brain pericyte inflammatory processes involved in neurovasculature function. Journal of Neuroinflammation, 2016, 13, 37.	7.2	136
28	Plasmin and regulators of plasmin activity control the migratory capacity and adhesion of human T cells and dendritic cells by regulating cleavage of the chemokine CCL21. Immunology and Cell Biology, 2016, 94, 955-963.	2.3	31
29	An anti-inflammatory role for C/EBP β in human brain pericytes. Scientific Reports, 2015, 5, 12132.	3.3	45
30	Pro-inflammatory TNF α and IL-1 β differentially regulate the inflammatory phenotype of brain microvascular endothelial cells. Journal of Neuroinflammation, 2015, 12, 131.	7.2	134
31	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
32	Development of positive control tissue for in situ hybridisation using Alvetex scaffolds. Journal of Neuroscience Methods, 2014, 238, 70-77.	2.5	4
33	Enrichment of differentiated hNT neurons and subsequent analysis using flow-cytometry and xCELLigence sensing. Journal of Neuroscience Methods, 2014, 227, 47-56.	2.5	15
34	M1 Muscarinic Receptor Activation Mediates Cell Death in M1-HEK293 Cells. PLoS ONE, 2013, 8, e72011.	2.5	14
35	Adult Human Glia, Pericytes and Meningeal Fibroblasts Respond Similarly to IFN γ but Not to TGF β 1 or M-CSF. PLoS ONE, 2013, 8, e80463.	2.5	37
36	A Cell Derived Active Contour (CDAC) Method for Robust Tracking in Low Frame Rate, Low Contrast Phase Microscopy - an Example: The Human hNT Astrocyte. PLoS ONE, 2013, 8, e82883.	2.5	5

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37	Exposure to Inflammatory Cytokines IL-1 β and TNF α Induces Compromise and Death of Astrocytes; Implications for Chronic Neuroinflammation. PLoS ONE, 2013, 8, e84269.	2.5	61
38	Sensitive and Accurate Quantification of Human Leukocyte Migration Using High-Content Discovery-1 Imaging System and ATPlite Assay. Journal of Biomolecular Screening, 2012, 17, 386-393.	2.6	8
39	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
40	Real-time profiling of NK cell killing of human astrocytes using xCELLigence technology. Journal of Neuroscience Methods, 2011, 200, 173-180.	2.5	48
41	Characterization of Ntera2/D1 cells as a model system for the investigation of cannabinoid function in human neurons and astrocytes. Journal of Neuroscience Research, 2011, 89, 1685-1697.	2.9	22
42	Patterning and detailed study of human hNT astrocytes on parylene-C/silicon dioxide substrates to the single cell level. Biomaterials, 2011, 32, 6541-6550.	11.4	42
43	Cannabinoid Receptor 1 trafficking and the role of the intracellular pool: Implications for therapeutics. Biochemical Pharmacology, 2010, 80, 1050-1062.	4.4	56
44	First human hNT neurons patterned on parylene-C/silicon dioxide substrates: Combining an accessible cell line and robust patterning technology for the study of the pathological adult human brain. Journal of Neuroscience Methods, 2010, 194, 154-157.	2.5	32
45	Neuroprotective potential of CB ₁ receptor agonists in an <i>in vitro</i> model of Huntington's disease. British Journal of Pharmacology, 2010, 160, 747-761.	5.4	60
46	Detailed Characterisation of CB2 Receptor Protein Expression in Peripheral Blood Immune Cells from Healthy Human Volunteers Using Flow Cytometry. International Journal of Immunopathology and Pharmacology, 2010, 23, 25-34.	2.1	81
47	Photoperiodic regulation of cellular retinoic acid-binding protein 1, GPR50 and nestin in tanycytes of the third ventricle ependymal layer of the Siberian hamster. Journal of Endocrinology, 2009, 203, 311.	2.6	0
48	Specific detection of CB1 receptors; cannabinoid CB1 receptor antibodies are not all created equal!. Journal of Neuroscience Methods, 2008, 171, 78-86.	2.5	113
49	Photoperiodic regulation of cellular retinoic acid-binding protein 1, GPR50 and nestin in tanycytes of the third ventricle ependymal layer of the Siberian hamster. Journal of Endocrinology, 2006, 191, 687-698.	2.6	99
50	Induction of Krox-24 by Endogenous Cannabinoid Type 1 Receptors in Neuro2A Cells Is Mediated by the MEK-ERK MAPK Pathway and Is Suppressed by the Phosphatidylinositol 3-Kinase Pathway. Journal of Biological Chemistry, 2006, 281, 29085-29095.	3.4	48
51	Neuromedin-U is regulated by the circadian clock in the SCN of the mouse. European Journal of Neuroscience, 2005, 21, 814-819.	2.6	26
52	Neuromedin U and Neuromedin U receptor-2 expression in the mouse and rat hypothalamus: effects of nutritional status. Journal of Neurochemistry, 2003, 87, 1165-1173.	3.9	92
53	Evidence for the Biosynthesis of a Prolactin-Releasing Factor From the Ovine Pars Tuberalis, Which is Distinct from Thyrotropin-Releasing Hormone. Journal of Neuroendocrinology, 2002, 14, 945-954.	2.6	24
54	Evidence for regulation of basic fibroblast growth factor gene expression by photoperiod and melatonin in the ovine pars tuberalis. Molecular and Cellular Endocrinology, 1999, 156, 45-53.	3.2	9

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55	RAPID COMMUNICATION oPer1 is an Early Response Gene Under Photoperiodic Regulation in the Ovine Pars Tuberalis. Journal of Neuroendocrinology, 1998, 10, 319-323.	2.6	56