

Christina Barja-Fidalgo

List of Publications by Year in descending order

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114
papers

4,005
citations

109321

35
h-index

144013

57
g-index

118
all docs

118
docs citations

118
times ranked

5714
citing authors

#	ARTICLE	IF	CITATIONS
1	Melanoma-derived extracellular vesicles skew neutrophils into a pro-tumor phenotype. <i>Journal of Leukocyte Biology</i> , 2022, 111, 585-596.	3.3	21
2	Extracellular Vesicles Derived from MDA-MB-231 Cells Trigger Neutrophils to a Pro-Tumor Profile. <i>Cells</i> , 2022, 11, 1875.	4.1	6
3	Urine proteomic analysis reveals alterations in heme/hemoglobin and aminopeptidase metabolism during <i>Lonomia obliqua</i> venom-induced acute kidney injury. <i>Toxicology Letters</i> , 2021, 341, 11-22.	0.8	4
4	Adipose Tissue-Derived Extracellular Vesicles and the Tumor Microenvironment: Revisiting the Hallmarks of Cancer. <i>Cancers</i> , 2021, 13, 3328.	3.7	17
5	Biomedical application of graphitic carbon nitrides: tissue deposition in vivo, induction of reactive oxygen species (ROS) and cell viability in tumor cells. <i>Nanotechnology</i> , 2021, 32, 435301.	2.6	5
6	Obesity enhances the recruitment of mesenchymal stem cells to visceral adipose tissue. <i>Journal of Molecular Endocrinology</i> , 2021, 67, 15-26.	2.5	6
7	Effect of <i>Lonomia obliqua</i> Venom on Human Neutrophils. <i>Toxins</i> , 2021, 13, 908.	3.4	1
8	Aerobic glycolysis is a metabolic requirement to maintain the M2-like polarization of tumor-associated macrophages. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118604.	4.1	54
9	Obese Adipose Tissue Secretion Induces Inflammation in Preadipocytes: Role of Toll-Like Receptor-4. <i>Nutrients</i> , 2020, 12, 2828.	4.1	13
10	Chia oil induces browning of white adipose tissue in high-fat diet-induced obese mice. <i>Molecular and Cellular Endocrinology</i> , 2020, 507, 110772.	3.2	12
11	Molecular and Cellular Risk Assessment of Healthy Human Cells and Cancer Human Cells Exposed to Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 230.	4.1	16
12	Extracellular Matrix Derived from High Metastatic Human Breast Cancer Triggers Epithelial-Mesenchymal Transition in Epithelial Breast Cancer Cells through α 23 Integrin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2995.	4.1	16
13	Obese adipose tissue extracellular vesicles raise breast cancer cell malignancy. <i>Endocrine-Related Cancer</i> , 2020, 27, 571-582.	3.1	27
14	LIPOXINS SELECTIVELY CHANGE M2-LIKE PHENOTYPE OF TUMORASSOCIATED MACROPHAGES BY CHANGING THEIR UNIQUE METABOLIC PROFILE AND IMPAIRING TUMOR PROGRESSION. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
15	Lipoxin-Induced Phenotypic Changes in CD115+LY6Chi Monocytes TAM Precursors Inhibits Tumor Development. <i>Frontiers in Oncology</i> , 2019, 9, 540.	2.8	13
16	<i>Helicobacter pylori</i> urease induces pro-inflammatory effects and differentiation of human endothelial cells: Cellular and molecular mechanism. <i>Helicobacter</i> , 2019, 24, e12573.	3.5	33
17	Chia oil supplementation changes body composition and activates insulin signaling cascade in skeletal muscle tissue of obese animals. <i>Nutrition</i> , 2019, 58, 167-174.	2.4	31
18	Downregulation of Microparticle Release and Pro-Inflammatory Properties of Activated Human Polymorphonuclear Neutrophils by LMW Fucoidan. <i>Journal of Innate Immunity</i> , 2019, 11, 330-346.	3.8	16

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19	Effects of preadipocytes derived from mice fed with high fat diet on the angiogenic potential of endothelial cells. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 937-943.	2.6	1
20	Recombinant and Chimeric Disintegrins in Preclinical Research. <i>Toxins</i> , 2018, 10, 321.	3.4	20
21	Microparticles derived from obese adipose tissue elicit a pro-inflammatory phenotype of CD16 + , CCR5 + and TLR8 + monocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 139-151.	3.8	28
22	Lipoxin A ₄ selectively programs the profile of M2 tumor-associated macrophages which favour control of tumor progression. <i>International Journal of Cancer</i> , 2017, 140, 346-357.	5.1	43
23	Effects of <i>Lonomia obliqua</i> Venom on Vascular Smooth Muscle Cells: Contribution of NADPH Oxidase-Derived Reactive Oxygen Species. <i>Toxins</i> , 2017, 9, 360.	3.4	14
24	Priming Endothelial Cells With a Melanoma-Derived Extracellular Matrix Triggers the Activation of β 1/VEGFR2 Axis. <i>Journal of Cellular Physiology</i> , 2016, 231, 2464-2473.	4.1	21
25	Obesity modifies bone marrow microenvironment and directs bone marrow mesenchymal cells to adipogenesis. <i>Obesity</i> , 2016, 24, 2522-2532.	3.0	53
26	Data in support of α 1 β 1 and integrin-linked kinase interact and modulate angiotensin II effects in vascular smooth muscle cells. <i>Data in Brief</i> , 2016, 6, 330-340.	1.0	6
27	Recurrent acute thermal lesion induces esophageal hyperproliferative premalignant lesions in mice esophagus. <i>Experimental and Molecular Pathology</i> , 2016, 100, 325-331.	2.1	15
28	Reactive oxygen species involved in apoptosis induction of human respiratory epithelial (A549) cells by <i>Streptococcus agalactiae</i> . <i>Microbiology (United Kingdom)</i> , 2016, 162, 94-99.	1.8	19
29	Obesity Promotes Alterations in Iron Recycling. <i>Nutrients</i> , 2015, 7, 335-348.	4.1	22
30	ADAM9 disintegrin domain activates human neutrophils through an autocrine circuit involving integrins and CXCR2. <i>Journal of Leukocyte Biology</i> , 2015, 97, 951-962.	3.3	17
31	ExoU-induced redox imbalance and oxidative stress in airway epithelial cells during <i>Pseudomonas aeruginosa</i> pneumosepsis. <i>Medical Microbiology and Immunology</i> , 2015, 204, 673-680.	4.8	13
32	Circulating cell membrane microparticles transfer heme to endothelial cells and trigger vasoocclusions in sickle cell disease. <i>Blood</i> , 2015, 125, 3805-3814.	1.4	217
33	α 1 β 1 and integrin-linked kinase interact and modulate angiotensin II effects in vascular smooth muscle cells. <i>Atherosclerosis</i> , 2015, 243, 477-485.	0.8	30
34	Rapid NOS-1-derived nitric oxide and peroxynitrite formation act as signaling agents for inducible NOS-2 expression in vascular smooth muscle cells. <i>Pharmacological Research</i> , 2015, 100, 73-84.	7.1	12
35	Redox Modulation of FAK Controls Melanoma Survival - Role of NOX4. <i>PLoS ONE</i> , 2014, 9, e99481.	2.5	27
36	Bone Marrow Mononuclear Cell Transplantation Increases Metalloproteinase-9 and 13 and Decreases Tissue Inhibitors of Metalloproteinase-1 and 2 Expression in the Liver of Cholestatic Rats. <i>Cells Tissues Organs</i> , 2013, 198, 139-148.	2.3	16

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37	Vascular smooth muscle cell activation depends on NOS-1-derived NO and consequent peroxynitrite generation. <i>Critical Care</i> , 2013, 17, P82.	5.8	0
38	Nickel induces apoptosis in human neutrophils. <i>BioMetals</i> , 2013, 26, 13-21.	4.1	31
39	Heme modulates intestinal epithelial cell activation: involvement of NADPHox-derived ROS signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C170-C179.	4.6	27
40	Pro-inflammatory properties and neutrophil activation by <i>Helicobacter pylori</i> urease. <i>Toxicon</i> , 2013, 69, 240-249.	1.6	41
41	Proinflammatory Responses of Heme in Alveolar Macrophages: Repercussion in Lung Hemorrhagic Episodes. <i>Mediators of Inflammation</i> , 2013, 2013, 1-11.	3.0	18
42	Increased Leptin Response and Inhibition of Apoptosis in Thymocytes of Young Rats Offspring from Protein Deprived Dams during Lactation. <i>PLoS ONE</i> , 2013, 8, e64220.	2.5	18
43	Leukotriene B4 inhibits neutrophil apoptosis via NADPH oxidase activity: Redox control of NF- κ B pathway and mitochondrial stability. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1990-1997.	4.1	23
44	Heme modulates smooth muscle cell proliferation and migration via NADPH oxidase: A counter-regulatory role for heme oxygenase system. <i>Atherosclerosis</i> , 2012, 224, 394-400.	0.8	44
45	Maxadilan, the <i>Lutzomyia longipalpis</i> vasodilator, drives plasma leakage via PAC1 \leftrightarrow CXCR1/2-pathway. <i>Microvascular Research</i> , 2012, 83, 185-193.	2.5	18
46	Terpenic fraction of <i>Pterodon pubescens</i> inhibits nuclear factor kappa B and extracellular signal-regulated protein Kinase 1/2 activation and deregulates gene expression in leukemia cells. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 231.	3.7	17
47	Flavonoids Bearing an O-Arabinofuranosyl-(1 \rightarrow 3)-Rhamnoside Moiety from <i>Cladocolea Micrantha</i> : Inhibitory Effect on Human Melanoma Cells. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	1
48	A pro-inflammatory profile of endothelial cell in <i>Lonomia obliqua</i> envenomation. <i>Toxicon</i> , 2012, 60, 50-60.	1.6	12
49	Inhibition of Guanylyl Cyclase Restores Neutrophil Migration and Maintains Bactericidal Activity Increasing Survival in Sepsis. <i>Shock</i> , 2011, 35, 17-27.	2.1	26
50	Divergent Role OF Heme Oxygenase Inhibition in the Pathogenesis of Sepsis. <i>Shock</i> , 2011, 35, 550-559.	2.1	11
51	Host Cell Lipid Bodies Triggered by <i>Trypanosoma cruzi</i> Infection and Enhanced by the Uptake of Apoptotic Cells Are Associated With Prostaglandin E2 Generation and Increased Parasite Growth. <i>Journal of Infectious Diseases</i> , 2011, 204, 951-961.	4.0	113
52	Leukotriene B4 Mediates Neutrophil Migration Induced by Heme. <i>Journal of Immunology</i> , 2011, 186, 6562-6567.	0.8	52
53	The vasodilatory peptide maxadilan increases plasma leakage in postcapillary venules due to activation of leukocytes via CXCL2 \leftrightarrow release. <i>FASEB Journal</i> , 2011, 25, 1022.1.	0.5	0
54	Anti-inflammatory Profile of N-Phenylpyrazole Arylhydrazone Derivatives in Rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 51, 703-707.	2.4	8

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55	Maternal Protein Restriction During Early Lactation Induces Changes on Neutrophil Activation and TNF- α Production of Adult Offspring. <i>Inflammation</i> , 2010, 33, 65-75.	3.8	23
56	A synthetic analog of 15-epi-lipoxin A4 inhibits human monocyte apoptosis: Involvement of ERK-2 and PI3-kinase. <i>Prostaglandins and Other Lipid Mediators</i> , 2010, 91, 10-17.	1.9	10
57	α 9 β 1 integrin engagement inhibits neutrophil spontaneous apoptosis: Involvement of Bcl-2 family members. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 848-857.	4.1	33
58	Leukotriene B4 mediates vascular smooth muscle cell migration through α 3 β 1 integrin transactivation. <i>Atherosclerosis</i> , 2010, 212, 406-413.	0.8	24
59	NADPH oxidase activity: In the crossroad of neutrophil life and death. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4546.	3.0	32
60	Late, but Not Early, Inhibition of Soluble Guanylate Cyclase Decreases Mortality in a Rat Sepsis Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 991-999.	2.5	41
61	A role for the MAPK/ERK pathway in oligodendroglial differentiation in vitro : stage specific effects on cell branching. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 757-768.	1.6	44
62	Immunolocalization of an osteopontin-like protein in dense granules of <i>Toxoplasma gondii</i> tachyzoites and its association with the parasitophorous vacuole. <i>Micron</i> , 2008, 39, 25-31.	2.2	8
63	ATL α 1, an analogue of aspirin-triggered lipoxin A ₄ , is a potent inhibitor of several steps in angiogenesis induced by vascular endothelial growth factor. <i>British Journal of Pharmacology</i> , 2008, 153, 956-965.	5.4	57
64	Detrimental role of endogenous nitric oxide in host defence against <i>Sporothrix schenckii</i> . <i>Immunology</i> , 2008, 123, 469-479.	4.4	49
65	Prothrombin fragments containing kringle domains induce migration and activation of human neutrophils. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 517-529.	2.8	4
66	Endothelins modulate inflammatory reaction in zymosan-induced arthritis: participation of LTB ₄ , TNF- α , and CXCL-1. <i>Journal of Leukocyte Biology</i> , 2008, 84, 652-660.	3.3	48
67	Maternal protein restriction during early lactation induces GLUT4 translocation and mTOR/Akt activation in adipocytes of adult rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E626-E636.	3.5	25
68	Procoagulant properties of human MV3 melanoma cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2008, 41, 99-105.	1.5	6
69	Low expression of insulin signaling molecules impairs glucose uptake in adipocytes after early overnutrition. <i>Journal of Endocrinology</i> , 2007, 195, 485-494.	2.6	41
70	Effect of RGD-disintegrins on melanoma cell growth and metastasis: Involvement of the actin cytoskeleton, FAK and c-Fos. <i>Toxicon</i> , 2007, 50, 1053-1063.	1.6	37
71	Aspirin-triggered lipoxin A4 blocks reactive oxygen species generation in endothelial cells: A novel antioxidative mechanism. <i>Thrombosis and Haemostasis</i> , 2007, 97, 88-98.	3.4	111
72	Activation of human T lymphocytes via integrin signaling induced by RGD-disintegrins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 176-184.	4.1	19

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73	Aspirin-triggered lipoxin A4 blocks reactive oxygen species generation in endothelial cells: a novel antioxidative mechanism. <i>Thrombosis and Haemostasis</i> , 2007, 97, 88-98.	3.4	50
74	NADPH oxidase-derived ROS: Key modulators of heme-induced mitochondrial stability in human neutrophils. <i>Experimental Cell Research</i> , 2006, 312, 3939-3948.	2.6	26
75	Involvement of phosphatidylinositol-3 kinase Akt and nuclear factor kappa-B pathways in the effect of frutalin on human lymphocyte. <i>International Immunopharmacology</i> , 2006, 6, 465-472.	3.8	14
76	Signaling Pathways Involved in Leukocyte Adhesiveness and Migration during Inflammation: Potential Targets for Therapeutic Interventions?. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2006, 5, 59-69.	1.1	0
77	Impaired neutrophil chemotaxis in sepsis associates with GRK expression and inhibition of actin assembly and tyrosine phosphorylation. <i>Blood</i> , 2006, 108, 2906-2913.	1.4	139
78	Inflammatory and Vascular Alterations in Sepsis: The Role of Nitric Oxide- Dependent Mechanisms. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2006, 5, 35-44.	1.1	3
79	Heme oxygenase/carbon monoxide biliverdin pathway down regulates neutrophil rolling, adhesion and migration in acute inflammation. <i>British Journal of Pharmacology</i> , 2006, 149, 345-354.	5.4	135
80	Neutrophil Function in Severe Sepsis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2006, 6, 151-158.	1.2	31
81	Nitric Oxide-Dependent Reduction in Soluble Guanylate Cyclase Functionality Accounts for Early Lipopolysaccharide-Induced Changes in Vascular Reactivity. <i>Molecular Pharmacology</i> , 2006, 69, 983-990.	2.3	35
82	Frutalin, a galactose-binding lectin, induces chemotaxis and rearrangement of actin cytoskeleton in human neutrophils: Involvement of tyrosine kinase and phosphoinositide 3-kinase. <i>Toxicology and Applied Pharmacology</i> , 2005, 208, 145-154.	2.8	22
83	Jararhagin, a snake venom metalloproteinase, induces a specialized form of apoptosis (anoikis) selective to endothelial cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 851-861.	4.9	90
84	Novel lipid mediator aspirin-triggered lipoxin A4 induces heme oxygenase-1 in endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C557-C563.	4.6	103
85	Heme and innate immunity: new insights for an old molecule. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 799-803.	1.6	13
86	Disintegrins: integrin selective ligands which activate integrin-coupled signaling and modulate leukocyte functions. <i>Brazilian Journal of Medical and Biological Research</i> , 2005, 38, 1513-1520.	1.5	29
87	Heme Inhibits Human Neutrophil Apoptosis: Involvement of Phosphoinositide 3-Kinase, MAPK, and NF- κ B. <i>Journal of Immunology</i> , 2004, 173, 2023-2030.	0.8	138
88	RGD- and MLD-disintegrins, jarastatin and EC3, activate integrin-mediated signaling modulating the human neutrophils chemotaxis, apoptosis and IL-8 gene expression. <i>Experimental Cell Research</i> , 2004, 292, 371-384.	2.6	49
89	Impairment of inflammatory response in adult rats submitted to maternal undernutrition during early lactation: Role of insulin and glucocorticoid. <i>Inflammation Research</i> , 2003, 52, 470-476.	4.0	31
90	Alternagin-C, a nonRGD-disintegrin, induces neutrophil migration via integrin signaling. <i>FEBS Journal</i> , 2003, 270, 4799-4808.	0.2	48

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91	Role of nitric oxide in the response of cells to heat shock and high hydrostatic pressure. <i>FEMS Yeast Research</i> , 2003, 3, 341-346.	2.3	43
92	Up-regulation of phosphatidylinositol 3-kinase and glucose transporter 4 in muscle of rats subjected to maternal undernutrition. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003, 1639, 8-16.	3.8	24
93	Neutrophil activation by heme: implications for inflammatory processes. <i>Blood</i> , 2002, 99, 4160-4165.	1.4	258
94	Characterization of a monomeric disintegrin, ocellatusin, present in the venom of the Nigerian carpet viper, <i>Echis ocellatus</i> . <i>FEBS Letters</i> , 2002, 512, 111-115.	2.8	29
95	Expression of inducible nitric oxide synthase in human umbilical vein endothelial cells during primary culture. <i>Nitric Oxide - Biology and Chemistry</i> , 2002, 7, 254-261.	2.7	35
96	Canatoxin, a toxic protein from jack beans (<i>Canavalia ensiformis</i>), is a variant form of urease (EC Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 360, 217-224.	3.7	80
97	Canatoxin, a toxic protein from jack beans (<i>Canavalia ensiformis</i>), is a variant form of urease (EC Tj ETQq1 1 0.784314 rgBT /Overlock 1 360, 217.	3.7	50
98	Production of Reactive Oxygen Species by Hemocytes from the Cattle Tick <i>Boophilus microplus</i> . <i>Experimental Parasitology</i> , 2001, 99, 66-72.	1.2	79
99	Interaction of disintegrins with human neutrophils induces cytoskeleton reorganization, focal adhesion kinase activation, and extracellularâ€regulated kinaseâ€2 nuclear translocation, interfering with the chemotactic function. <i>FASEB Journal</i> , 2001, 15, 1643-1645.	0.5	35
100	Hypoxemia modifies circulating and exudate neutrophil number and functional responses in carrageenin-induced pleurisy in the rat. <i>Journal of Leukocyte Biology</i> , 2000, 67, 785-792.	3.3	6
101	Virulence of <i>Sporothrix schenckii</i> conidia and yeast cells, and their susceptibility to nitric oxide. <i>Immunology</i> , 2000, 101, 563-569.	4.4	45
102	Lymphocyte activation and cytokine production by <i>Pisum sativum</i> agglutinin (PSA) in vivo and in vitro. <i>Immunopharmacology</i> , 1999, 41, 147-155.	2.0	26
103	Studies on the anti-allergic activity of <i>Mikania glomerata</i> . <i>Journal of Ethnopharmacology</i> , 1999, 66, 19-24.	4.1	51
104	Effects of Jarastatin, a Novel Snake Venom Disintegrin, on Neutrophil Migration and Actin Cytoskeleton Dynamics. <i>Experimental Cell Research</i> , 1999, 251, 379-387.	2.6	52
105	Induction of NOS in rat blood PMN <i>in vivo</i> and <i>in vitro</i> : modulation by tyrosine kinase and involvement in bactericidal activity. <i>Journal of Leukocyte Biology</i> , 1999, 65, 508-514.	3.3	55
106	Inflammatory and anti-inflammatory effects of soybean agglutinin. <i>Brazilian Journal of Medical and Biological Research</i> , 1997, 30, 873-881.	1.5	28
107	The involvement of nitric oxide in the anti- <i>Candida albicans</i> activity of rat neutrophils. <i>Immunology</i> , 1996, 89, 295-300.	4.4	53
108	An increase in nitric oxide produced by rat peritoneal neutrophils is not involved in cell apoptosis. <i>Mediators of Inflammation</i> , 1995, 4, 222-228.	3.0	6

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109	Rat paw edema and leukocyte immigration induced by plant lectins. <i>Agents and Actions</i> , 1993, 38, 48-54.	0.7	71
110	Pharmacological characterization of rat paw edema induced by canatoxin, the toxic protein from <i>Canavalia ensiformis</i> (jack bean) seeds. <i>Toxicon</i> , 1992, 30, 879-885.	1.6	19
111	Role of resident macrophages in canatoxin-induced in vivo neutrophil migration. <i>Inflammation</i> , 1992, 16, 1-12.	3.8	21
112	Lipoxygenase-mediated secretory effect of canatoxin the toxic protein from <i>Canavalia ensiformis</i> seeds. <i>Toxicon</i> , 1991, 29, 453-459.	1.6	41
113	Metabolomics in cancer and cancer-associated inflammatory cells. <i>Journal of Cancer Metastasis and Treatment</i> , 0, 2021, .	0.8	2
114	Contribuição da pós-graduação para a educação básica: a experiência do Programa de Pós-Graduação em Biociências da Universidade do Estado do Rio de Janeiro. <i>Revista Brasileira De Pós-Graduação</i> , 0, 14, .	0.1	2