Dariusz Szukiewicz

List of Publications by Year
in descending order

111 papers	2,998 citations	304743 22 h-index	175258 52 g-index
113 all docs	113 docs citations	113 times ranked	5156 citing authors

#	Article	IF	Citations
1	The Role of Inflammatory and Anti-Inflammatory Cytokines in the Pathogenesis of Osteoarthritis. Mediators of Inflammation, 2014, 2014, 1-19.	3.0	1,101
2	Transforming Growth Factor Beta Family: Insight into the Role of Growth Factors in Regulation of Fracture Healing Biology and Potential Clinical Applications. Mediators of Inflammation, 2015, 2015, 1-17.	3.0	188
3	Sirtuins, epigenetics and longevity. Ageing Research Reviews, 2017, 40, 11-19.	10.9	151
4	The role of sirtuins in aging and age-related diseases. Advances in Medical Sciences, 2016, 61, 52-62.	2.1	129
5	Oxidative Stress and Mitochondrial Activation as the Main Mechanisms Underlying Graphene Toxicity against Human Cancer Cells. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	4.0	91
6	Analysis of the Role of CX3CL1 (Fractalkine) and Its Receptor CX3CR1 in Traumatic Brain and Spinal Cord Injury: Insight into Recent Advances in Actions of Neurochemokine Agents. Molecular Neurobiology, 2017, 54, 2167-2188.	4.0	80
7	Perinatal Derivatives: Where Do We Stand? A Roadmap of the Human Placenta and Consensus for Tissue and Cell Nomenclature. Frontiers in Bioengineering and Biotechnology, 2020, 8, 610544.	4.1	68
8	The Molecular Influence of Graphene and Graphene Oxide on the Immune System Under In Vitro and In Vivo Conditions. Archivum Immunologiae Et Therapiae Experimentalis, 2016, 64, 195-215.	2.3	63
9	Graphene: One Material, Many Possibilitiesâ€"Application Difficulties in Biological Systems. Journal of Nanomaterials, 2014, 2014, 1-11.	2.7	59
10	Impact of pre-gestational and gestational diabetes mellitus on the expression of glucose transporters GLUT-1, GLUT-4 and GLUT-9 in human term placenta. Endocrine, 2017, 55, 799-808.	2.3	58
11	The Chemokine CX3CL1 (Fractalkine) and its Receptor CX3CR1: Occurrence and Potential Role in Osteoarthritis. Archivum Immunologiae Et Therapiae Experimentalis, 2014, 62, 395-403.	2.3	54
12	The Role of TNF-Î± and Anti-TNF-Î± Agents during Preconception, Pregnancy, and Breastfeeding. International Journal of Molecular Sciences, 2021, 22, 2922.	4.1	49
13	Placental Expression of Glucose Transporter Proteins in Pregnancies Complicated by Gestational and Pregestational Diabetes Mellitus. Canadian Journal of Diabetes, 2018, 42, 209-217.	0.8	35
14	Fractalkine (CX3CL1) and Its Receptor CX3CR1 May Contribute to Increased Angiogenesis in Diabetic Placenta. Mediators of Inflammation, 2013, 2013, 1-8.	3.0	34
15	Isolated Placental Vessel Response to Vascular Endothelial Growth Factor and Placenta Growth Factor in Normal and Growth-Restricted Pregnancy. Gynecologic and Obstetric Investigation, 2005, 59, 102-107.	1.6	33
16	Review of beneficial effects of resveratrol in neurodegenerative diseases such as Alzheimer's disease. Advances in Medical Sciences, 2020, 65, 415-423.	2.1	33
17	Cytokines in the pathogenesis of hemophilic arthropathy. Cytokine and Growth Factor Reviews, 2018, 39, 71-91.	7.2	30
18	Sirtuins at the Service of Healthy Longevity. Frontiers in Physiology, 2021, 12, 724506.	2.8	28

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19	Maternal hemoglobin concentration and hematocrit values may affect fetus development by influencing placental angiogenesis. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 199-204.	1.5	27
20	Cryotherapy decreases histamine levels in the blood of patients with rheumatoid arthritis. Inflammation Research, 2010, 59, 253-255.	4.0	25
21	The Impact of Selected Bacterial Sexually Transmitted Diseases on Pregnancy and Female Fertility. International Journal of Molecular Sciences, 2021, 22, 2170.	4.1	25
22	Mast Cells and Histamine: Do They Influence Placental Vascular Network and Development in Preeclampsia?. Mediators of Inflammation, 2012, 2012, 1-5.	3.0	24
23	Analysis of correlations between the placental expression of glucose transporters GLUT-1, GLUT-4 and GLUT-9 and selected maternal and fetal parameters in pregnancies complicated by diabetes mellitus. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 650-659.	1.5	24
24	Fractalkine and placental growth factor: A duet of inflammation and angiogenesis in cardiovascular disorders. Cytokine and Growth Factor Reviews, 2018, 39, 116-123.	7.2	22
25	Sentinel lymph node mapping using indocyanine green in patients with uterine and cervical neoplasms: restrictions of the method. Archives of Gynecology and Obstetrics, 2019, 299, 1373-1384.	1.7	22
26	Estrogen- and Progesterone (P4)-Mediated Epigenetic Modifications of Endometrial Stromal Cells (EnSCs) and/or Mesenchymal Stem/Stromal Cells (MSCs) in the Etiopathogenesis of Endometriosis. Stem Cell Reviews and Reports, 2021, 17, 1174-1193.	3.8	20
27	Esculetin reduces leukotriene B4 level in plasma of rats with adjuvant-induced arthritis. Reumatologia, 2016, 54, 161-164.	1.1	19
28	Mast cell number, histamine concentration and placental vascular response to histamine in preeclampsia. Inflammation Research, 1999, 48, 39-40.	4.0	18
29	CX3CL1 (fractalkine) and TNFÎ± production by perfused human placental lobules under normoxic and hypoxic conditions in vitro: the importance of CX3CR1 signaling. Inflammation Research, 2014, 63, 179-189.	4.0	18
30	Myometrial contractility influences oxytocin receptor (OXTR) expression in term trophoblast cells obtained from the maternal surface of the human placenta. BMC Pregnancy and Childbirth, 2015, 15, 220.	2.4	18
31	Increased production of Î²-defensin 3 (hBD-3) by human amniotic epithelial cells (HAEC) after activation of toll-like receptor 4 in chorioamnionitis. Inflammation Research, 2008, 57, 67-68.	4.0	17
32	Mild anemia during pregnancy upregulates placental vascularity development. Medical Hypotheses, 2017, 102, 37-40.	1.5	17
33	Chorioamnionitis (ChA) modifies CX3CL1 (fractalkine) production by human amniotic epithelial cells (HAEC) under normoxic and hypoxic conditions. Journal of Inflammation, 2014, 11, 12.	3.4	16
34	Can adipokine visfatin be a novel marker of pregnancyâ€related disorders in women with obesity?. Obesity Reviews, 2020, 21, e13022.	6.5	16
35	Human beta-defensin 1, 2 and 3 production by amniotic epithelial cells with respect to human papillomavirus (HPV) infection, HPV oncogenic potential and the mode of delivery. Microbial Pathogenesis, 2016, 97, 154-165.	2.9	15
36	Mast cells and histamine in intrauterine growth retardation - relation to the development of placental microvessels. Inflammation Research, 1999, 48, 41-42.	4.0	14

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37	Mast cell-derived VEGF and VEGF receptor type 1, 2, and 3 expression in human term trophoblast cultureâ€"influence of hypoxia. Inflammation Research, 2005, 54, S82-S83.	4.0	14
38	The Angiogenic Activity of Ascites in the Course of Ovarian Cancer as a Marker of Disease Progression. Disease Markers, 2014, 2014, 1-5.	1.3	14
39	Current progress in the inflammatory background of angiogenesis in gynecological cancers. Inflammation Research, 2019, 68, 247-260.	4.0	14
40	Placental expression of glucose transporters GLUTâ€1, GLUTâ€3, GLUTâ€8 and GLUTâ€12 in pregnancies complicated by gestational and type 1 diabetes mellitus. Journal of Diabetes Investigation, 2022, 13, 560-570.	2.4	13
41	Mast cell-derived vascular endothelial growth factor (VEGF) and microvascular density in diabetic placentae. Inflammation Research, 2003, 52, s9-s10.	4.0	12
42	Mast cell-derived interleukin-8 may be involved in the ovarian mechanisms of follicle growth and ovulation. Inflammation Research, 2007, 56, S35-S36.	4.0	12
43	Expression of histamine H4 receptor in human osteoarthritic synovial tissue. Inflammation Research, 2008, 57, 63-64.	4.0	11
44	Differential Expression of Glucose Transporter Proteins GLUT-1, GLUT-3, GLUT-8 and GLUT-12 in the Placenta of Macrosomic, Small-for-Gestational-Age and Growth-Restricted Foetuses. Journal of Clinical Medicine, 2021, 10, 5833.	2.4	10
45	Placental mast cells (MC) and histamine (HA) in pregnancy complicated by diabetes class C - relation to the development of villous microvessels. Placenta, 1999, 20, 503-510.	1.5	9
46	Subcellular localization of histamine in articular cartilage chondrocytes of rheumatoid arthritis patients. Inflammation Research, 2004, 53, S35-S36.	4.0	9
47	Cytokines in Placental Physiology and Disease. Mediators of Inflammation, 2012, 2012, 1-2.	3.0	9
48	Aspirin Action in Endothelial Cells: Different Patterns of Response Between Chemokine CX3CL1/CX3CR1 and TNF-Î±/TNFR1 Signaling Pathways. Cardiovascular Drugs and Therapy, 2015, 29, 219-229.	2.6	9
49	Skin surface infrared thermography in pressure ulcer outcome prognosis. Journal of Wound Care, 2020, 29, 707-718.	1.2	9
50	An Overview of Neonatal Lupus with Anti-Ro Characteristics. International Journal of Molecular Sciences, 2021, 22, 9281.	4.1	9
51	Mast Cell Activation Syndrome in COVID-19 and Female Reproductive Function: Theoretical Background vs. Accumulating Clinical Evidence. Journal of Immunology Research, 2022, 2022, 1-22.	2.2	9
52	Histamine stimulates Î±v-Î²3 integrin expression of the human trophoblast through the H1 receptor. Inflammation Research, 2006, 55, S79-S80.	4.0	8
53	Morphology and immuno-distribution of the histamine H4 receptor and histamine â€“ releasing factor in choroid plexus of patients with paraneoplastic cerebellar degeneration. Inflammation Research, 2009, 58, 45-46.	4.0	8
54	Decrease in expression of histamine H2 receptors by human amniotic epithelial cells during differentiation into pancreatic beta-like cells. Inflammation Research, 2010, 59, 205-207.	4.0	8

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55	Fetal and Placental Weight in Pre-Gestational Maternal Obesity (PGMO) vs. Excessive Gestational Weight Gain (EGWG)â€"A Preliminary Approach to the Perinatal Outcomes in Diet-Controlled Gestational Diabetes Mellitus. Journal of Clinical Medicine, 2020, 9, 3530.	2.4	8
56	Comparative Analysis of the Occurrence and Role of CX3CL1 (Fractalkine) and Its Receptor CX3CR1 in Hemophilic Arthropathy and Osteoarthritis. Journal of Immunology Research, 2020, 2020, 1-12.	2.2	7
57	Ischaemic heart preconditioning in rats with adjuvant-induced arthritis. Kardiologia Polska, 2013, 71, 839-844.	0.6	7
58	Biogenetic amines in placental tissue. Relation to the contractile activity of the human uterus. Preliminary communication. Clinical and Experimental Obstetrics and Gynecology, 1995, 22, 66-70.	0.2	7
59	The role of histamine and its receptors in the development of ovarian follicles in vitro. Inflammation Research, 2006, 55, S49-S50.	4.0	6
60	Histamine influence on apoptosis in trophoblast cell cultures. Inflammation Research, 2010, 59, 213-215.	4.0	6
61	Decreased effectiveness of ischemic heart preconditioning in the state of chronic inflammation. Medical Hypotheses, 2015, 85, 675-679.	1.5	6
62	High Glucose Level Disturbs the Resveratrol-Evoked Curtailment of CX3CL1/CX3CR1 Signaling in Human Placental Circulation. Mediators of Inflammation, 2017, 2017, 1-16.	3.0	6
63	In vitro effect of bioactive natriuretic peptides on perfusion pressure in placentas from normal and pre-eclamptic pregnancies. Archives of Gynecology and Obstetrics, 1999, 263, 37-41.	1.7	5
64	Influence of histamine on the process of human trophoblast differentiation. Inflammation Research, 2005, 54, S78-S79.	4.0	5
65	Locally secreted histamine may regulate the development of ovarian follicles by apoptosis. Inflammation Research, 2007, 56, S33-S34.	4.0	5
66	Discrepancies in assessment of patients with rheumatoid arthritis and secondary SjÃ¶grenâ€™s syndrome by DAS28-ESR and DAS28-CRP. Central-European Journal of Immunology, 2016, 2, 188-194.	1.2	5
67	Commitment of protein p53 and amyloid-beta peptide (AÎ²) in aging of human cerebellum. Folia Neuropathologica, 2017, 2, 161-167.	1.2	5
68	Anti-inflammatory Action of Metformin with Respect to CX3CL1/CX3CR1 Signaling in Human Placental Circulation in Normal-Glucose Versus High-Glucose Environments. Inflammation, 2018, 41, 2246-2264.	3.8	5
69	Does histamine influence differentiation of trophoblast in preeclampsia?. Inflammation Research, 2008, 57, 71-72.	4.0	4
70	Involvement of histamine and histamine H2 receptors in nicotinamide-induced differentiation of human amniotic epithelial cells into insulin-producing cells. Inflammation Research, 2010, 59, 209-211.	4.0	4
71	The potential association between a new angiogenic marker fractalkine and a placental vascularization in preeclampsia. Archives of Gynecology and Obstetrics, 2021, 304, 365-376.	1.7	4
72	Haptoglobin and Its Related Protein, Zonulinâ€"What Is Their Role in Spondyloarthropathy?. Journal of Clinical Medicine, 2021, 10, 1131.	2.4	4

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73	The dose-dependent release of histamine from placental mast cells after administration of atrial natriuretic peptide. Inflammation Research, 2001, 50, 59-60.	4.0	4
74	Is lymphocyte histamine involved in the pathogenesis of rheumatoid arthritis?. Inflammation Research, 2000, 49, 25-26.	4.0	3
75	Histamine H4 receptors in human placenta in diabetes-complicated pregnancy. Inflammation Research, 2007, 56, S31-S32.	4.0	3
76	Histamine releasing factor (HRF) in pannus of joints affected by rheumatoid arthritis. Inflammation Research, 2008, 57, 61-62.	4.0	3
77	Angiotensin II (Ang II) evoked secretion of the human placental lactogen (HPL) in intrauterine growth retardation: Examination of the relationship with Ang II receptor type 1 (AT1) expression. International Immunopharmacology, 2008, 8, 177-181.	3.8	3
78	Antihistaminic drugs modify casein-induced inflammation in the rat. Inflammation Research, 2010, 59, 187-188.	4.0	3
79	Thrombospondin and VEGF-R: Is There a Correlation in Inflammatory Bowel Disease?. Mediators of Inflammation, 2013, 2013, 1-9.	3.0	3
80	The Use of Indomethacin with Complete Amniotic Fluid Replacement and Classic Hysterotomy for the Reduction of Perinatal Complications of Intrauterine Myelomeningocele Repair. Fetal Diagnosis and Therapy, 2019, 46, 415-424.	1.4	3
81	Placental mast cell heterogeneity in pregnancy complicated by diabetes class C. Inflammation Research, 2000, 49, 33-34.	4.0	2
82	Histamine in pericarditis of children with congenital heart malformations. Inflammation Research, 2010, 59, 259-261.	4.0	2
83	Toll-like receptor 2 (TLR2) is a marker of angiogenesis in the necrotic area of human medulloblastoma. Folia Neuropathologica, 2015, 4, 347-354.	1.2	2
84	Potential and Challenges of Graphene in Medicine. Carbon Nanostructures, 2016, , 3-33.	0.1	2
85	Strategies for overcoming oncological treatment-related ovarian dysfunction â€“ literature review. Gynecological Endocrinology, 2017, 33, 830-835.	1.7	2
86	Thromboxane release in preeclampsia after serotonin-induced vasoconstriction of placental vasculature. Pathophysiology, 1998, 5, 249.	2.2	1
87	Increased thromboxane release in preeclampsia after serotonin-induced placental vasoconstriction. Pathophysiology, 1999, 6, 193-197.	2.2	1
88	Effect of histamine chloramine on luminol-dependent chemiluminescence of granulocytes. Inflammation Research, 2008, 57, 19-20.	4.0	1
89	The relationship between human Î²-defensin 3 (hBD3) expression and mean histamine concentration in human placental tissue. Inflammation Research, 2008, 57, 69-70.	4.0	1
90	Increased permeability of human amnion to calcium ions in chorioamnionitis is related to histamine H1-receptor overexpression within amniotic epithelial cells. Inflammation Research, 2009, 58, 70-72.	4.0	1

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91	Sirtuins in the biology of aging. , 2021, , 79-90.		1
92	Activation of Sirtuin 1 (SIRT1) Signaling by Resveratrol Increases Human Betaâ€Defensinsâ€2 and â€3 (HBD2,) Tj ETQq0 0 0 rgBT /Overl Pregnancy Complicated by Diabetes (PCD) vs. Normoglycemic Pregnancy (NP). FASEB Journal, 2020, 34, 1-1.	0.5	1
93	Histamine chloramine modifies casein-induced inflammation. Inflammation Research, 2009, 58, 20-21.	4.0	0
94	Overexpression of histamine H1-receptor by human amniotic epithelial cells in chorioamnionitis correlates with augmented production of secretory leukocyte protease inhibitor. Inflammation Research, 2009, 58, 57-58.	4.0	0
95	Extraskeletal Manifestations in Rheumatoid Arthritis - Clinical Cases. , 0, , .		0
96	SAT0049â€…Serum Concentrations of OPG and Rankl in Rheumatoid Arthritis in Different Biologic Therapies. Annals of the Rheumatic Diseases, 2015, 74, 665.3-666.	0.9	0
97	AB0275â€…Differences in The Clinical Evaluation of Joints in Patients with Rheumatoid Arthritis and Secondary SjÃ¶gren Syndrome. Annals of the Rheumatic Diseases, 2016, 75, 993.3-994.	0.9	0
98	Histaminergic modulation during nicotinamideâ€stimulated differentiation of amniotic epithelial cells (AC) into insulin producing cells (IC). FASEB Journal, 2010, 24, 1058.4.	0.5	0
99	Hypoxia modulates lipopolysaccharide (LPS)â€induced fractalkine (CX3CL1) production by human trophoblast. FASEB Journal, 2012, 26, 712.1.	0.5	0
100	Variations in oxytocin receptor (OTR) density in term trophoblast depend on the contactile activity of the uterus. FASEB Journal, 2013, 27, 733.1.	0.5	0
101	Influence of hypoxia on lipopolysaccharide (LPS)â€induced chemokine CX3CL1 production by human amniotic epithelial cells (HAEC) â€“ correlation with CX3CR1 receptor expression. FASEB Journal, 2013, 27, 717.4.	0.5	0
102	Modulation of the CX3CL1/CX3CR1 signaling pathway by acetylsalicylic acid (aspirin) in human trophoblast (1096.9). FASEB Journal, 2014, 28, 1096.9.	0.5	0
103	Ischaemic preconditioning preserves antioxidant enzyme activity and reduces cell damage of in vivo rat hearts undergoing acute ischaemia. International Cardiovascular Forum Journal, 2015, 1, 201.	1.1	0
104	Effect of different forms of graphene on activation of the complement system as a result of contact with human serum under in vitro conditions. FASEB Journal, 2018, 32, 806.5.	0.5	0
105	Graphene interactions with human endothelium. FASEB Journal, 2018, 32, 692.9.	0.5	0
106	AB0775â€…Characteristics of patients with scleroderma (SSC) treated with various drugs in the clinical assessment and tgf Î² and il13 concentration in comparison to the healthy group. , 2018, , .		0
107	Distribution of Mast Cells (MC), Tollâ€Like Receptor 2 (TLR2) and Receptor for Advanced Glycation End Products (RAGE) May Reflect the Nature of Tumor Neovascularization in Human Medulloblastoma. FASEB Journal, 2019, 33, 496.3.	0.5	0
108	Contribution of Fractalkine to Incorrect Angiogenesis in Preeclamptic Placentas. FASEB Journal, 2019, 33, 496.54.	0.5	0

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109	Sirtuin 1 (SIRT1) Content and Angiotensin II Receptor Type I (AT1) Expression in Human Umbilical Vein Endothelial Cells (HUVECs) in Response to Resveratrol: Pregnancy Induced Hypertension (PIH) vs Normotensive pregnancy (NTP). FASEB Journal, 2019, 33, 496.53.	0.5	0
110	Sirtuin 6 (SIRT6) Content and Hypoxiaâ€Inducible Factor 1â€Alpha (HIFâ€1Î±) Expression in Human Umbilical Vein Endothelial Cells (HUVECs) in Response to Cyanidinâ€3â€Oâ€Î²â€glucoside (C3G): Pregnancy Complicated by Diabetes (PCD) vs. Normoglycemic Pregnancy (NP). FASEB Journal, 2020, 34, 1-1.	0.5	0
111	Reproductive Immunology and Pregnancy. International Journal of Molecular Sciences, 2022, 23, 6485.	4.1	0