

Dariusz Szukiewicz

List of Publications by Citations

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103
papers

1,992
citations

17
h-index

43
g-index

113
ext. papers

2,477
ext. citations

4.7
avg, IF

5.35
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 103 | The role of inflammatory and anti-inflammatory cytokines in the pathogenesis of osteoarthritis. <i>Mediators of Inflammation</i> , 2014 , 2014, 561459 | 4.3 | 767 |
| 102 | Transforming growth factor Beta family: insight into the role of growth factors in regulation of fracture healing biology and potential clinical applications. <i>Mediators of Inflammation</i> , 2015 , 2015, 137823 | 4.3 | 129 |
| 101 | The role of sirtuins in aging and age-related diseases. <i>Advances in Medical Sciences</i> , 2016 , 61, 52-62 | 2.8 | 108 |
| 100 | Sirtuins, epigenetics and longevity. <i>Ageing Research Reviews</i> , 2017 , 40, 11-19 | 12 | 84 |
| 99 | Oxidative Stress and Mitochondrial Activation as the Main Mechanisms Underlying Graphene Toxicity against Human Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 5851035 | 6.7 | 72 |
| 98 | 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. <i>Molecular Neurobiology</i> , 2017 , 54, 2167-2188 | 6.2 | 62 |
| 97 | 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. <i>Endocrine</i> , 2017 , 55, 799-808 | 4 | 42 |
| 96 | The Molecular Influence of Graphene and Graphene Oxide on the Immune System Under In Vitro and In Vivo Conditions. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2016 , 64, 195-215 | 4 | 42 |
| 95 | Graphene: One Material, Many PossibilitiesApplication Difficulties in Biological Systems. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-11 | 3.2 | 42 |
| 94 | The chemokine CX3CL1 (fractalkine) and its receptor CX3CR1: occurrence and potential role in osteoarthritis. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2014 , 62, 395-403 | 4 | 36 |
| 93 | Isolated placental vessel response to vascular endothelial growth factor and placenta growth factor in normal and growth-restricted pregnancy. <i>Gynecologic and Obstetric Investigation</i> , 2005 , 59, 102-75 | 2.5 | 30 |
| 92 | Fractalkine (CX3CL1) and its receptor CX3CR1 may contribute to increased angiogenesis in diabetic placenta. <i>Mediators of Inflammation</i> , 2013 , 2013, 437576 | 4.3 | 29 |
| 91 | Perinatal Derivatives: Where Do We Stand? A Roadmap of the Human Placenta and Consensus for Tissue and Cell Nomenclature. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 610544 | 5.8 | 27 |
| 90 | Placental Expression of Glucose Transporter Proteins in Pregnancies Complicated by Gestational and Pregestational Diabetes Mellitus. <i>Canadian Journal of Diabetes</i> , 2018 , 42, 209-217 | 2.1 | 22 |
| 89 | Maternal hemoglobin concentration and hematocrit values may affect fetus development by influencing placental angiogenesis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017 , 30, 199-204 | 2 | 19 |
| 88 | Cytokines in the pathogenesis of hemophilic arthropathy. <i>Cytokine and Growth Factor Reviews</i> , 2018 , 39, 71-91 | 17.9 | 19 |
| 87 | Cryotherapy decreases histamine levels in the blood of patients with rheumatoid arthritis. <i>Inflammation Research</i> , 2010 , 59 Suppl 2, S253-5 | 7.2 | 17 |

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| 86 | CX3CL1 (fractalkine) and TNF α production by perfused human placental lobules under normoxic and hypoxic conditions in vitro: the importance of CX3CR1 signaling. <i>Inflammation Research</i> , 2014 , 63, 179-89 | 7.2 | 16 |
| 85 | Mast cell number, histamine concentration and placental vascular response to histamine in preeclampsia. <i>Inflammation Research</i> , 1999 , 48 Suppl 1, S39-40 | 7.2 | 16 |
| 84 | Sentinel lymph node mapping using indocyanine green in patients with uterine and cervical neoplasms: restrictions of the method. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 299, 1373-1384 | 2.5 | 16 |
| 83 | Chorioamnionitis (ChA) modifies CX3CL1 (fractalkine) production by human amniotic epithelial cells (HAEC) under normoxic and hypoxic conditions. <i>Journal of Inflammation</i> , 2014 , 11, 12 | 6.7 | 15 |
| 82 | Increased production of beta-defensin 3 (hBD-3) by human amniotic epithelial cells (HAEC) after activation of toll-like receptor 4 in chorioamnionitis. <i>Inflammation Research</i> , 2008 , 57 Suppl 1, S67-8 | 7.2 | 15 |
| 81 | Review of beneficial effects of resveratrol in neurodegenerative diseases such as Alzheimer's disease. <i>Advances in Medical Sciences</i> , 2020 , 65, 415-423 | 2.8 | 15 |
| 80 | Myometrial contractility influences oxytocin receptor (OXTR) expression in term trophoblast cells obtained from the maternal surface of the human placenta. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 220 | 3.2 | 14 |
| 79 | 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. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 650-659 | 2 | 14 |
| 78 | Fractalkine and placental growth factor: A duet of inflammation and angiogenesis in cardiovascular disorders. <i>Cytokine and Growth Factor Reviews</i> , 2018 , 39, 116-123 | 17.9 | 13 |
| 77 | Mast cells and histamine: do they influence placental vascular network and development in preeclampsia?. <i>Mediators of Inflammation</i> , 2012 , 2012, 307189 | 4.3 | 13 |
| 76 | Mast cells and histamine in intrauterine growth retardation--relation to the development of placental microvessels. <i>Inflammation Research</i> , 1999 , 48 Suppl 1, S41-2 | 7.2 | 13 |
| 75 | The angiogenic activity of ascites in the course of ovarian cancer as a marker of disease progression. <i>Disease Markers</i> , 2014 , 2014, 683757 | 3.2 | 12 |
| 74 | Esculetin reduces leukotriene B4 level in plasma of rats with adjuvant-induced arthritis. <i>Reumatologia</i> , 2016 , 54, 161-164 | 1.7 | 11 |
| 73 | Current progress in the inflammatory background of angiogenesis in gynecological cancers. <i>Inflammation Research</i> , 2019 , 68, 247-260 | 7.2 | 10 |
| 72 | Mast cell-derived VEGF and VEGF receptor type 1, 2, and 3 expression in human term trophoblast culture--influence of hypoxia. <i>Inflammation Research</i> , 2005 , 54 Suppl 1, S82-3 | 7.2 | 10 |
| 71 | The Role of TNF- α and Anti-TNF- α Agents during Preconception, Pregnancy, and Breastfeeding. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 10 |
| 70 | Expression of histamine H4 receptor in human osteoarthritic synovial tissue. <i>Inflammation Research</i> , 2008 , 57 Suppl 1, S63-4 | 7.2 | 9 |
| 69 | Morphology and immuno-distribution of the histamine H4 receptor and histamine--releasing factor in choroid plexus of patients with paraneoplastic cerebellar degeneration. <i>Inflammation Research</i> , 2009 , 58 Suppl 1, 45-6 | 7.2 | 8 |

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| 68 | Histamine stimulates alphav-beta3 integrin expression of the human trophoblast through the H(1) receptor. <i>Inflammation Research</i> , 2006 , 55 Suppl 1, S79-80 | 7.2 | 8 |
| 67 | Mast cell-derived vascular endothelial growth factor (VEGF) and microvascular density in diabetic placentae. <i>Inflammation Research</i> , 2003 , 52 Suppl 1, S09-10 | 7.2 | 8 |
| 66 | Mild anemia during pregnancy upregulates placental vascularity development. <i>Medical Hypotheses</i> , 2017 , 102, 37-40 | 3.8 | 7 |
| 65 | 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. <i>Microbial Pathogenesis</i> , 2016 , 97, 154-65 | 3.8 | 7 |
| 64 | Decrease in expression of histamine H2 receptors by human amniotic epithelial cells during differentiation into pancreatic beta-like cells. <i>Inflammation Research</i> , 2010 , 59 Suppl 2, S205-7 | 7.2 | 7 |
| 63 | Subcellular localization of histamine in articular cartilage chondrocytes of rheumatoid arthritis patients. <i>Inflammation Research</i> , 2004 , 53 Suppl 1, S35-6 | 7.2 | 7 |
| 62 | Ischaemic heart preconditioning in rats with adjuvant-induced arthritis. <i>Kardiologia Polska</i> , 2013 , 71, 839-44 | 0.9 | 7 |
| 61 | Estrogen- and Progesterone (P4)-Mediated Epigenetic Modifications of Endometrial Stromal Cells (EnSCs) and/or Mesenchymal Stem/Stromal Cells (MSCs) in the Etiopathogenesis of Endometriosis. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 1174-1193 | 7.3 | 7 |
| 60 | Aspirin Action in Endothelial Cells: Different Patterns of Response Between Chemokine CX3CL1/CX3CR1 and TNF- α /TNFR1 Signaling Pathways. <i>Cardiovascular Drugs and Therapy</i> , 2015 , 29, 219-229 | 3.9 | 6 |
| 59 | Mast cell-derived interleukin-8 may be involved in the ovarian mechanisms of follicle growth and ovulation. <i>Inflammation Research</i> , 2007 , 56 Suppl 1, S35-6 | 7.2 | 6 |
| 58 | Placental mast cells (MC) and histamine (HA) in pregnancy complicated by diabetes class C - relation to the development of villous microvessels. <i>Placenta</i> , 1999 , 20, 503-510 | 3.4 | 6 |
| 57 | Biogenetic amines in placental tissue. Relation to the contractile activity of the human uterus. Preliminary communication. <i>Clinical and Experimental Obstetrics and Gynecology</i> , 1995 , 22, 66-70 | 1.2 | 6 |
| 56 | Can adipokine visfatin be a novel marker of pregnancy-related disorders in women with obesity?. <i>Obesity Reviews</i> , 2020 , 21, e13022 | 10.6 | 5 |
| 55 | Histamine influence on apoptosis in trophoblast cell cultures. <i>Inflammation Research</i> , 2010 , 59 Suppl 2, S213-5 | 7.2 | 5 |
| 54 | In vitro effect of bioactive natriuretic peptides on perfusion pressure in placentas from normal and pre-eclamptic pregnancies. <i>Archives of Gynecology and Obstetrics</i> , 1999 , 263, 37-41 | 2.5 | 5 |
| 53 | The Impact of Selected Bacterial Sexually Transmitted Diseases on Pregnancy and Female Fertility. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 5 |
| 52 | Anti-inflammatory Action of Metformin with Respect to CX3CL1/CX3CR1 Signaling in Human Placental Circulation in Normal-Glucose Versus High-Glucose Environments. <i>Inflammation</i> , 2018 , 41, 2248-2264 | 5.1 | 4 |
| 51 | Involvement of histamine and histamine H2 receptors in nicotinamide-induced differentiation of human amniotic epithelial cells into insulin-producing cells. <i>Inflammation Research</i> , 2010 , 59 Suppl 2, S209-11 | 7.2 | 4 |

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| 50 | Locally secreted histamine may regulate the development of ovarian follicles by apoptosis. <i>Inflammation Research</i> , 2007 , 56 Suppl 1, S33-4 | 7.2 | 4 |
| 49 | An Overview of Neonatal Lupus with Anti-Ro Characteristics. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 48 | 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.. <i>Journal of Clinical Medicine</i> , 2021 , 10, | 5.1 | 4 |
| 47 | Fetal and Placental Weight in Pre-Gestational Maternal Obesity (PGMO) vs. Excessive Gestational Weight Gain (EGWG)-A Preliminary Approach to the Perinatal Outcomes in Diet-Controlled Gestational Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2020 , 9, | 5.1 | 3 |
| 46 | High Glucose Level Disturbs the Resveratrol-Evoked Curtailment of CX3CL1/CX3CR1 Signaling in Human Placental Circulation. <i>Mediators of Inflammation</i> , 2017 , 2017, 9853108 | 4.3 | 3 |
| 45 | Commitment of protein p53 and amyloid-beta peptide (A β) in aging of human cerebellum. <i>Folia Neuropathologica</i> , 2017 , 55, 161-167 | 2.6 | 3 |
| 44 | Decreased effectiveness of ischemic heart preconditioning in the state of chronic inflammation. <i>Medical Hypotheses</i> , 2015 , 85, 675-9 | 3.8 | 3 |
| 43 | Antihistaminic drugs modify casein-induced inflammation in the rat. <i>Inflammation Research</i> , 2010 , 59 Suppl 2, S187-8 | 7.2 | 3 |
| 42 | 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. <i>International Immunopharmacology</i> , 2008 , 8, 177-81 | 5.8 | 3 |
| 41 | Does histamine influence differentiation of trophoblast in preeclampsia?. <i>Inflammation Research</i> , 2008 , 57 Suppl 1, S71-2 | 7.2 | 3 |
| 40 | The role of histamine and its receptors in the development of ovarian follicles in vitro. <i>Inflammation Research</i> , 2006 , 55 Suppl 1, S49-50 | 7.2 | 3 |
| 39 | Influence of histamine on the process of human trophoblast differentiation. <i>Inflammation Research</i> , 2005 , 54 Suppl 1, S78-9 | 7.2 | 3 |
| 38 | Is lymphocyte histamine involved in the pathogenesis of rheumatoid arthritis?. <i>Inflammation Research</i> , 2000 , 49 Suppl 1, S25-6 | 7.2 | 3 |
| 37 | Skin surface infrared thermography in pressure ulcer outcome prognosis. <i>Journal of Wound Care</i> , 2020 , 29, 707-718 | 2.2 | 3 |
| 36 | Placental expression of glucose transporters GLUT-1, GLUT-3, GLUT-8 and GLUT-12 in pregnancies complicated by gestational and type 1 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2021 , | 3.9 | 3 |
| 35 | Toll-like receptor 2 (TLR2) is a marker of angiogenesis in the necrotic area of human medulloblastoma. <i>Folia Neuropathologica</i> , 2015 , 53, 347-54 | 2.6 | 2 |
| 34 | Thrombospondin and VEGF-R: is there a correlation in inflammatory bowel disease?. <i>Mediators of Inflammation</i> , 2013 , 2013, 908259 | 4.3 | 2 |
| 33 | Histamine H4 receptors in human placenta in diabetes-complicated pregnancy. <i>Inflammation Research</i> , 2007 , 56 Suppl 1, S31-2 | 7.2 | 2 |

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| 32 | Histamine releasing factor (HRF) in pannus of joints affected by rheumatoid arthritis. <i>Inflammation Research</i> , 2008 , 57 Suppl 1, S61-2 | 7.2 | 2 |
| 31 | Sirtuins at the Service of Healthy Longevity.. <i>Frontiers in Physiology</i> , 2021 , 12, 724506 | 4.6 | 2 |
| 30 | Discrepancies in assessment of patients with rheumatoid arthritis and secondary Sjögren's syndrome by DAS28-ESR and DAS28-CRP. <i>Central-European Journal of Immunology</i> , 2016 , 41, 188-94 | 1.6 | 2 |
| 29 | Strategies for overcoming oncological treatment-related ovarian dysfunction - literature review. <i>Gynecological Endocrinology</i> , 2017 , 33, 830-835 | 2.4 | 1 |
| 28 | The Use of Indomethacin with Complete Amniotic Fluid Replacement and Classic Hysterotomy for the Reduction of Perinatal Complications of Intrauterine Myelomeningocele Repair. <i>Fetal Diagnosis and Therapy</i> , 2019 , 46, 415-424 | 2.4 | 1 |
| 27 | Increased permeability of human amnion to calcium ions in chorioamnionitis is related to histamine H(1)-receptor overexpression within amniotic epithelial cells. <i>Inflammation Research</i> , 2009 , 58 Suppl 1, 70-2 | 7.2 | 1 |
| 26 | Histamine in pericarditis of children with congenital heart malformations. <i>Inflammation Research</i> , 2010 , 59 Suppl 2, S259-61 | 7.2 | 1 |
| 25 | The relationship between human beta-defensin 3 (hBD3) expression and mean histamine concentration in human placental tissue. <i>Inflammation Research</i> , 2008 , 57 Suppl 1, S69-70 | 7.2 | 1 |
| 24 | Placental mast cell heterogeneity in pregnancy complicated by diabetes class C. <i>Inflammation Research</i> , 2000 , 49 Suppl 1, S33-4 | 7.2 | 1 |
| 23 | Increased thromboxane release in preeclampsia after serotonin-induced placental vasoconstriction. <i>Pathophysiology</i> , 1999 , 6, 193-197 | 1.8 | 1 |
| 22 | Comparative Analysis of the Occurrence and Role of CX3CL1 (Fractalkine) and Its Receptor CX3CR1 in Hemophilic Arthropathy and Osteoarthritis. <i>Journal of Immunology Research</i> , 2020 , 2020, 2932696 | 4.5 | 1 |
| 21 | Potential and Challenges of Graphene in Medicine. <i>Carbon Nanostructures</i> , 2016 , 3-33 | 0.6 | 1 |
| 20 | The potential association between a new angiogenic marker fractalkine and a placental vascularization in preeclampsia. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 304, 365-376 | 2.5 | 1 |
| 19 | Sirtuins in the biology of aging 2021 , 79-90 | | 1 |
| 18 | AB0275 Differences in The Clinical Evaluation of Joints in Patients with Rheumatoid Arthritis and Secondary Sjögren Syndrome. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 993.3-994 | 2.4 | |
| 17 | SAT0049 Serum Concentrations of OPG and Rankl in Rheumatoid Arthritis in Different Biologic Therapies. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 665.3-666 | 2.4 | |
| 16 | Histamine chloramine modifies casein-induced inflammation. <i>Inflammation Research</i> , 2009 , 58 Suppl 1, 20-1 | 7.2 | |
| 15 | Overexpression of histamine H(1)-receptor by human amniotic epithelial cells in chorioamnionitis correlates with augmented production of secretory leukocyte protease inhibitor. <i>Inflammation Research</i> , 2009 , 58 Suppl 1, 57-8 | 7.2 | |

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| 14 | Effect of histamine chloramine on luminol-dependent chemiluminescence of granulocytes. <i>Inflammation Research</i> , 2008 , 57 Suppl 1, S19-20 | 7.2 |
| 13 | Activation of Sirtuin 1 (SIRT1) Signaling by Resveratrol Increases Human Beta-Defensins-2 and -3 (HBD2, HBD3) Production in Response to Lipopolysaccharide (LPS) in Human Amniotic Epithelial Cells (HAEC): Pregnancy Complicated by Diabetes (PCD) vs. Normoglycemic Pregnancy (NP). <i>FASEB Journal</i> , 2020 , 34, 1-1 | 0.9 |
| 12 | Effect of different forms of graphene on activation of the complement system as a result of contact with human serum under in vitro conditions. <i>FASEB Journal</i> , 2018 , 32, 806.5 | 0.9 |
| 11 | Graphene interactions with human endothelium. <i>FASEB Journal</i> , 2018 , 32, 692.9 | 0.9 |
| 10 | Distribution of Mast Cells (MC), Toll-Like Receptor 2 (TLR2) and Receptor for Advanced Glycation End Products (RAGE) May Reflect the Nature of Tumor Neovascularization in Human Medulloblastoma. <i>FASEB Journal</i> , 2019 , 33, 496.3 | 0.9 |
| 9 | Contribution of Fractalkine to Incorrect Angiogenesis in Preeclamptic Placentas. <i>FASEB Journal</i> , 2019 , 33, 496.54 | 0.9 |
| 8 | 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). <i>FASEB Journal</i> , 2019 , 33, 496.53 | 0.9 |
| 7 | Sirtuin 6 (SIRT6) Content and Hypoxia-Inducible Factor 1-Alpha (HIF-1 α) Expression in Human Umbilical Vein Endothelial Cells (HUVECs) in Response to Cyanidin-3-O- β -glucoside (C3G): Pregnancy Complicated by Diabetes (PCD) vs. Normoglycemic Pregnancy (NP). <i>FASEB Journal</i> , 2020 , 34, 1-1 | 0.9 |
| 6 | Modulation of the CX3CL1/CX3CR1 signaling pathway by acetylsalicylic acid (aspirin) in human trophoblast (1096.9). <i>FASEB Journal</i> , 2014 , 28, 1096.9 | 0.9 |
| 5 | Histaminergic modulation during nicotinamide-stimulated differentiation of amniotic epithelial cells (AC) into insulin producing cells (IC). <i>FASEB Journal</i> , 2010 , 24, 1058.4 | 0.9 |
| 4 | Hypoxia modulates lipopolysaccharide (LPS)-induced fractalkine (CX3CL1) production by human trophoblast. <i>FASEB Journal</i> , 2012 , 26, 712.1 | 0.9 |
| 3 | Variations in oxytocin receptor (OTR) density in term trophoblast depend on the contactile activity of the uterus. <i>FASEB Journal</i> , 2013 , 27, 733.1 | 0.9 |
| 2 | Influence of hypoxia on lipopolysaccharide (LPS)-induced chemokine CX3CL1 production by human amniotic epithelial cells (HAEC) correlation with CX3CR1 receptor expression. <i>FASEB Journal</i> , 2013 , 27, 717.4 | 0.9 |
| 1 | The dose-dependent release of histamine from placental mast cells after administration of atrial natriuretic peptide. <i>Inflammation Research</i> , 2001 , 50 Suppl 2, S59-60 | 7.2 |