

Gaby Palmer

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

6,307
citations

101384

36
h-index

69108

77
g-index

108
all docs

108
docs citations

108
times ranked

8725
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | IL-1, IL-18, and IL-33 families of cytokines. <i>Immunological Reviews</i> , 2008, 223, 20-38. | 2.8 | 770 |
| 2 | IL-1 pathways in inflammation and human diseases. <i>Nature Reviews Rheumatology</i> , 2010, 6, 232-241. | 3.5 | 689 |
| 3 | The interleukin (IL)-1 cytokine family – Balance between agonists and antagonists in inflammatory diseases. <i>Cytokine</i> , 2015, 76, 25-37. | 1.4 | 385 |
| 4 | Inhibition of interleukin-33 signaling attenuates the severity of experimental arthritis. <i>Arthritis and Rheumatism</i> , 2009, 60, 738-749. | 6.7 | 294 |
| 5 | Interleukin (IL)-33 induces the release of pro-inflammatory mediators by mast cells. <i>Cytokine</i> , 2007, 40, 216-225. | 1.4 | 285 |
| 6 | IL-36R ligands are potent regulators of dendritic and T cells. <i>Blood</i> , 2011, 118, 5813-5823. | 0.6 | 271 |
| 7 | Interleukin-33 Is Biologically Active Independently of Caspase-1 Cleavage. <i>Journal of Biological Chemistry</i> , 2009, 284, 19420-19426. | 1.6 | 226 |
| 8 | Distinct expression of interleukin (IL)-36 α , β and γ , their antagonist IL-36Ra and IL-38 in psoriasis, rheumatoid arthritis and Crohn's disease. <i>Clinical and Experimental Immunology</i> , 2016, 184, 159-173. | 1.1 | 214 |
| 9 | IL-36 signaling amplifies Th1 responses by enhancing proliferation and Th1 polarization of naive CD4+ T cells. <i>Blood</i> , 2012, 120, 3478-3487. | 0.6 | 195 |
| 10 | Interleukin-33 biology with potential insights into human diseases. <i>Nature Reviews Rheumatology</i> , 2011, 7, 321-329. | 3.5 | 184 |
| 11 | The IL-1 receptor accessory protein (AcP) is required for IL-33 signaling and soluble AcP enhances the ability of soluble ST2 to inhibit IL-33. <i>Cytokine</i> , 2008, 42, 358-364. | 1.4 | 160 |
| 12 | Is IL-1 a good therapeutic target in the treatment of arthritis?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2006, 20, 879-896. | 1.4 | 144 |
| 13 | The new IL-1 family member IL-1F8 stimulates production of inflammatory mediators by synovial fibroblasts and articular chondrocytes. <i>Arthritis Research and Therapy</i> , 2006, 8, R80. | 1.6 | 105 |
| 14 | Unopposed IL-18 signaling leads to severe TLR9-induced macrophage activation syndrome in mice. <i>Blood</i> , 2018, 131, 1430-1441. | 0.6 | 102 |
| 15 | IL-38 overexpression induces anti-inflammatory effects in mice arthritis models and in human macrophages in vitro. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1304-1312. | 0.5 | 101 |
| 16 | The role of leptin in innate and adaptive immune responses. <i>Arthritis Research and Therapy</i> , 2006, 8, 217. | 1.6 | 98 |
| 17 | Regulation of Alkaline Phosphatase Activity by p38 MAP Kinase in Response to Activation of Gi Protein-Coupled Receptors by Epinephrine in Osteoblast-Like Cells ¹ . <i>Endocrinology</i> , 1999, 140, 3177-3182. | 1.4 | 97 |
| 18 | Expression of a Newly Identified Phosphate Transporter/Retrovirus Receptor in Human SaOS-2 Osteoblast-Like Cells and Its Regulation by Insulin-Like Growth Factor I ¹ . <i>Endocrinology</i> , 1997, 138, 5202-5209. | 1.4 | 87 |

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|----|--|-----|-----------|
| 19 | Expression and function of the NALP3 inflammasome in rheumatoid synovium. <i>Immunology</i> , 2010, 129, 178-185. | 2.0 | 85 |
| 20 | Distinct serum and synovial fluid interleukin (IL)-33 levels in rheumatoid arthritis, psoriatic arthritis and osteoarthritis. <i>Joint Bone Spine</i> , 2012, 79, 32-37. | 0.8 | 81 |
| 21 | Anakinra is a possible alternative in the treatment and prevention of acute attacks of pseudogout in end-stage renal failure. <i>Joint Bone Spine</i> , 2009, 76, 424-426. | 0.8 | 76 |
| 22 | Indirect Effects of Leptin Receptor Deficiency on Lymphocyte Populations and Immune Response in <i>db/db</i> Mice. <i>Journal of Immunology</i> , 2006, 177, 2899-2907. | 0.4 | 75 |
| 23 | Interleukin-36 potently stimulates human M2 macrophages, Langerhans cells and keratinocytes to produce pro-inflammatory cytokines. <i>Cytokine</i> , 2016, 84, 88-98. | 1.4 | 70 |
| 24 | Assessment of the efficacy of different statins in murine collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 4051-4059. | 6.7 | 69 |
| 25 | Transforming Growth Factor- β 2 Stimulates Inorganic Phosphate Transport and Expression of the Type III Phosphate Transporter Glvr-1 in Chondrogenic ATDC5 Cells*. <i>Endocrinology</i> , 2000, 141, 2236-2243. | 1.4 | 60 |
| 26 | Stimulation of Sodium-Dependent Phosphate Transport and Signaling Mechanisms Induced by Basic Fibroblast Growth Factor in MC3T3-E1 Osteoblast-like Cells. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 95-102. | 3.1 | 59 |
| 27 | Delayed resolution of acute inflammation during zymosan-induced arthritis in leptin-deficient mice. <i>Arthritis Research</i> , 2004, 6, R256. | 2.0 | 54 |
| 28 | Mechanism of the Mitogenic Effect of Fluoride on Osteoblast-like Cells: Evidences for a G Protein-Dependent Tyrosine Phosphorylation Process. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 1975-1983. | 3.1 | 52 |
| 29 | IL-33 is expressed in human osteoblasts, but has no direct effect on bone remodeling. <i>Cytokine</i> , 2011, 53, 347-354. | 1.4 | 52 |
| 30 | The mouse interleukin (IL)33 gene is expressed in a cell type- and stimulus-dependent manner from two alternative promoters. <i>Journal of Leukocyte Biology</i> , 2011, 91, 119-125. | 1.5 | 52 |
| 31 | The severity of experimental arthritis is independent of IL-36 receptor signaling. <i>Arthritis Research and Therapy</i> , 2013, 15, R38. | 1.6 | 52 |
| 32 | Evidence for the Involvement of Two Pathways in Activation of Extracellular Signal-Regulated Kinase (Erk) and Cell Proliferation by Gi and Gq Protein-Coupled Receptors in Osteoblast-Like Cells. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1697-1706. | 3.1 | 49 |
| 33 | Mouse neutrophils express the decoy type 2 interleukin-1 receptor (IL-1R2) constitutively and in acute inflammatory conditions. <i>Journal of Leukocyte Biology</i> , 2013, 94, 791-802. | 1.5 | 47 |
| 34 | Magnetically retainable microparticles for drug delivery to the joint: efficacy studies in an antigen-induced arthritis model in mice. <i>Arthritis Research and Therapy</i> , 2009, 11, R72. | 1.6 | 45 |
| 35 | Production of interleukin-1 receptor antagonist by human articular chondrocytes. <i>Arthritis Research</i> , 2002, 4, 226. | 2.0 | 44 |
| 36 | Interleukin-33 and RANK-L Interplay in the Alveolar Bone Loss Associated to Periodontitis. <i>PLoS ONE</i> , 2016, 11, e0168080. | 1.1 | 42 |

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|----|--|-----|-----------|
| 37 | IL-1 Family Antagonists in Mouse and Human Skin Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 652846. | 2.2 | 41 |
| 38 | Enhanced Th1 and Th17 responses and arthritis severity in mice with a deficiency of myeloid cell-specific interleukin-1 receptor antagonist. <i>Arthritis and Rheumatism</i> , 2010, 62, 452-462. | 6.7 | 37 |
| 39 | Interleukin-33 Signaling Controls the Development of Iron-Recycling Macrophages. <i>Immunity</i> , 2020, 52, 782-793.e5. | 6.6 | 37 |
| 40 | Expression and function of junctional adhesion molecule-C in human and experimental arthritis. <i>Arthritis Research and Therapy</i> , 2007, 9, R65. | 1.6 | 36 |
| 41 | Expression of a Newly Identified Phosphate Transporter/Retrovirus Receptor in Human SaOS-2 Osteoblast-Like Cells and Its Regulation by Insulin-Like Growth Factor I. , 0, . | | 34 |
| 42 | Disease severity in K/BxN serum transfer-induced arthritis is not affected by IL-33 deficiency. <i>Arthritis Research and Therapy</i> , 2013, 15, R13. | 1.6 | 33 |
| 43 | Limited Contribution of IL-36 versus IL-1 and TNF Pathways in Host Response to Mycobacterial Infection. <i>PLoS ONE</i> , 2015, 10, e0126058. | 1.1 | 33 |
| 44 | The severity of imiquimod-induced mouse skin inflammation is independent of endogenous IL-38 expression. <i>PLoS ONE</i> , 2018, 13, e0194667. | 1.1 | 31 |
| 45 | Mice transgenic for intracellular interleukin-1 receptor antagonist type 1 are protected from collagen-induced arthritis. <i>European Journal of Immunology</i> , 2003, 33, 434-440. | 1.6 | 29 |
| 46 | Endogenous IL-1 β is a chromatin-associated protein in mouse macrophages. <i>Cytokine</i> , 2013, 63, 135-144. | 1.4 | 29 |
| 47 | Pre-interleukin-1 β expression reduces cell growth and increases interleukin-6 production in SaOS-2 osteosarcoma cells: Differential inhibitory effect of interleukin-1 receptor antagonist (icIL-1Ra1). <i>Cytokine</i> , 2005, 31, 153-160. | 1.4 | 28 |
| 48 | Severe Neutrophil-Dominated Inflammation and Enhanced Myelopoiesis in IL-33-Overexpressing CMV/IL33 Mice. <i>Journal of Immunology</i> , 2015, 194, 750-760. | 0.4 | 26 |
| 49 | <i>Trypanosoma cruzi</i> heat-shock protein 90 can functionally complement yeast. <i>Molecular and Biochemical Parasitology</i> , 1995, 70, 199-202. | 0.5 | 24 |
| 50 | Type I IL-1 Receptor Mediates IL-1 and Intracellular IL-1 Receptor Antagonist Effects in Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1938-1946. | 0.3 | 22 |
| 51 | Distinct Roles of Hepatocyte- and Myeloid Cell-Derived IL-1 Receptor Antagonist during Endotoxemia and Sterile Inflammation in Mice. <i>Journal of Immunology</i> , 2010, 185, 2516-2524. | 0.4 | 21 |
| 52 | Immune-mediated experimental arthritis in IL-33 deficient mice. <i>Cytokine</i> , 2014, 69, 68-74. | 1.4 | 20 |
| 53 | Sequence and activity of parathyroid hormone/parathyroid hormone-related protein receptor promoter region in human osteoblast-like cells. <i>Gene</i> , 1998, 218, 49-56. | 1.0 | 19 |
| 54 | Primary human articular chondrocytes, dedifferentiated chondrocytes, and synoviocytes exhibit differential responsiveness to interleukin-4: Correlation with the expression pattern of the common receptor gamma chain. <i>Journal of Cellular Physiology</i> , 2002, 192, 93-101. | 2.0 | 18 |

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|----|---|-----|-----------|
| 55 | Atherosclerosis severity is not affected by a deficiency in IL-33/ST2 signaling. <i>Immunity, Inflammation and Disease</i> , 2015, 3, 239-246. | 1.3 | 18 |
| 56 | The active metabolite of leflunomide, A77 1726, increases the production of IL-1 receptor antagonist in human synovial fibroblasts and articular chondrocytes. <i>Arthritis Research</i> , 2004, 6, R181. | 2.0 | 17 |
| 57 | Mice deficient in hepatocyte-specific IL-1Ra show delayed resolution of concanavalin A-induced hepatitis. <i>European Journal of Immunology</i> , 2012, 42, 1294-1303. | 1.6 | 16 |
| 58 | Interleukin-38 interacts with destrin/actin-depolymerizing factor in human keratinocytes. <i>PLoS ONE</i> , 2019, 14, e0225782. | 1.1 | 16 |
| 59 | Leukocyte migration to rheumatoid joints: Enzymes take over. <i>Arthritis and Rheumatism</i> , 2006, 54, 2707-2710. | 6.7 | 15 |
| 60 | Articular inflammation is controlled by myeloid cell-derived interleukin 1 receptor antagonist during the acute phase of arthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 281-287. | 0.5 | 14 |
| 61 | Deficiency in IL-1 Receptor Type 2 Aggravates K/BxN Serum Transfer-Induced Arthritis in Mice but Has No Impact on Systemic Inflammatory Responses. <i>Journal of Immunology</i> , 2017, 198, 2916-2926. | 0.4 | 14 |
| 62 | Production of IL-18 Binding Protein by Radiosensitive and Radioresistant Cells in CpG-Induced Macrophage Activation Syndrome. <i>Journal of Immunology</i> , 2020, 205, 1167-1175. | 0.4 | 13 |
| 63 | IL-38 Ablation Reduces Local Inflammation and Disease Severity in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2021, 206, 1058-1066. | 0.4 | 13 |
| 64 | Characterization of the human Glvr-1 phosphate transporter/retrovirus receptor gene and promoter region. <i>Gene</i> , 1999, 226, 25-33. | 1.0 | 12 |
| 65 | Adaptive Immune Response in JAM-C-Deficient Mice: Normal Initiation but Reduced IgG Memory. <i>Journal of Immunology</i> , 2009, 182, 4728-4736. | 0.4 | 12 |
| 66 | Multifaceted roles of IL-38 in inflammation and cancer. <i>Cytokine</i> , 2022, 151, 155808. | 1.4 | 12 |
| 67 | IL-38 orchestrates proliferation and differentiation in human keratinocytes. <i>Experimental Dermatology</i> , 2022, 31, 1699-1711. | 1.4 | 12 |
| 68 | Positive and Negative Control of the Expression of Parathyroid Hormone (PTH)/PTH-Related Protein Receptor Via Proximal Promoter P3 in Human Osteoblast-Like Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 3376-3382. | 1.8 | 10 |
| 69 | Mutations in the IL1RN locus lead to autoinflammation. <i>Nature Reviews Rheumatology</i> , 2009, 5, 480-482. | 3.5 | 10 |
| 70 | Discrimination of C57BL/6J Rj and 129S2/SvPasCrl inbred mouse strains by use of simple sequence length polymorphisms. <i>Journal of the American Association for Laboratory Animal Science</i> , 2007, 46, 21-4. | 0.6 | 9 |
| 71 | Intracellular IL-1 Receptor Antagonist Isoform 1 Released from Keratinocytes upon Cell Death Acts as an Inhibitor for the Alarmin IL-1 α . <i>Journal of Immunology</i> , 2020, 204, 967-979. | 0.4 | 8 |
| 72 | The active metabolite of leflunomide, A77 1726, increases proliferation of human synovial fibroblasts in presence of IL-1 β and TNF α . <i>Inflammation Research</i> , 2006, 55, 469-475. | 1.6 | 7 |

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|----|--|-----|-----------|
| 73 | IL-36-induced Toxicity in Neonatal Mice Involves TNF- α Production by Liver Myeloid Cells. <i>Journal of Immunology</i> , 2016, 197, 2239-2249. | 0.4 | 7 |
| 74 | Structure of the murine Pit1 phosphate transporter/retrovirus receptor gene and functional characterization of its promoter region. <i>Gene</i> , 2000, 244, 35-45. | 1.0 | 6 |
| 75 | Species-specific mechanisms control the activity of the Pit1/PIT1 phosphate transporter gene promoter in mouse and human. <i>Gene</i> , 2001, 279, 49-62. | 1.0 | 6 |
| 76 | Detection of circulating highly expanded T-cell clones in at-risk individuals for rheumatoid arthritis before the clinical onset of the disease. <i>Rheumatology</i> , 2021, 60, 3451-3460. | 0.9 | 6 |
| 77 | Autoimmunity and inflammation are independent of class II transactivator type PIV-dependent class II major histocompatibility complex expression in peripheral tissues during collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 3354-3363. | 6.7 | 5 |
| 78 | Reply to Xie et al. about the article "Distinct serum and synovial fluid interleukin (IL)-33 levels in rheumatoid arthritis, psoriatic arthritis and osteoarthritis". <i>Joint Bone Spine</i> , 2013, 80, 117-118. | 0.8 | 1 |
| 79 | IL-33: a novel cytokine with proinflammatory properties. <i>Arthritis Research and Therapy</i> , 2007, 9, P9. | 1.6 | 0 |
| 80 | 67 Biological role of hepatocyte-derived interleukin-1 receptor antagonist in a model of systemic inflammation. <i>Cytokine</i> , 2008, 43, 252. | 1.4 | 0 |
| 81 | 68 Biological role of myeloid cell-derived interleukin-1 receptor antagonist in collagen-induced arthritis. <i>Cytokine</i> , 2008, 43, 252. | 1.4 | 0 |
| 82 | L'etanercept est une alternative possible dans le traitement et la prÃ©vention des crises de pseudogoutte au stade terminal d'une insuffisance rÃ©nale. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2009, 76, 715-717. | 0.0 | 0 |
| 83 | Inflammation and autoimmune responses are independent of peripheral MHC class II expression driven by CIITA pIV in collagen induced arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A25-A25. | 0.5 | 0 |
| 84 | Interleukin 33 expression in human arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A14-A15. | 0.5 | 0 |
| 85 | O034 Expression of the decoy type 2 interleukin-1 receptor in mouse and its putative role in inflammation. <i>Cytokine</i> , 2012, 59, 513. | 1.4 | 0 |
| 86 | A5.12...Atherosclerosis severity is independent of endogenous IL-33 signalling. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, A51.3-A52. | 0.5 | 0 |
| 87 | A7.13...Distinct expression of IL-36 α , β , γ and their antagonists IL-36RA and IL-38 in psoriasis, rheumatoid arthritis (RA) and crohn's disease (CD). <i>Annals of the Rheumatic Diseases</i> , 2016, 75, A60.3-A61. | 0.5 | 0 |
| 88 | A10.02...Deficiency in IL-1 receptor type 2 aggravates K/BXN serum transfer-induced arthritis in mice, but has no effect in endotoxemia. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, A73.1-A73. | 0.5 | 0 |
| 89 | O2.11...IL-38 is not involved in the modulation of imq-induced skin inflammation. , 2017, , . | | 0 |
| 90 | O025...Unopposed interleukin 18 signalling leads to severe toll like receptor 9-induced macrophage activation syndrome in mice. , 2018, , . | | 0 |

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|----|---|-----|-----------|
| 91 | P157â€¦Radioresistant and radiosensitive cells contribute to IL-18BP production in a model of macrophage activation syndrome. , 2019, , . | | 0 |
| 92 | P069â€¦Constitutive overexpression of interleukin 38 has a negative impact on human NHK keratinocyte fitness. , 2019, , . | | 0 |
| 93 | P097â€¦Intracellular interleukin-1 receptor antagonist released upon cell death acts as an alarmin inhibitor in aldera cream-induced psoriasis-like skin inflammation. , 2019, , . | | 0 |
| 94 | SAT0005â€¦...DETECTION OF HIGHLY EXPANDED T CELL CLONES IN THE PERIPHERAL BLOOD OF AT RISK INDIVIDUALS FOR RHEUMATOID ARTHRITIS BEFORE THE CLINICAL ONSET OF THE DISEASE. , 2019, , . | | 0 |
| 95 | Inhibition of osteoclast differentiation by the interleukin (IL)-1 family cytokine IL-33. IBMS BoneKEy, 2011, 8, 415-419. | 0.1 | 0 |