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The JAK/STAT signaling pathway

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719	A Mouse Model to Assess STAT3 and STAT5A/B Combined Inhibition in Health and Disease Conditions. <b>2019</b> , 11,	О
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666	A janus kinase from Scylla paramamosain activates JAK/STAT signaling pathway to restrain mud crab reovirus. <b>2019</b> , 90, 275-287	14
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639	Optimal Design Methodology for High-Power Interleaved Bidirectional Buck-Boost Converters for Supercapacitors in Vehicular Applications. <b>2019</b> ,	

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452	Xanthatin synergizes with cisplatin to suppress homologous recombination through JAK2/STAT4/BARD1 axis in human NSCLC cells. <b>2021</b> , 25, 1688-1699	3
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450	Microbial mismanagement: how inadequate treatments for vaginal dysbiosis drive the HIV epidemic in women. <b>2021</b> , 51, 101482	1
449	Early factors in the immune response to biomaterials. <b>2021</b> , 25-40	
448	SOCS3-microtubule interaction via CLIP-170 and CLASP2 is critical for modulation of endothelial inflammation and lung injury. <b>2021</b> , 296, 100239	3
447	Pharmacoinformatics and Preclinical Studies of NSC765690 and NSC765599, Potential STAT3/CDK2/4/6 Inhibitors with Antitumor Activities against NCI60 Human Tumor Cell Lines. <b>2021</b> , 9,	20
446	Drug resistance in gynecologic cancers: Emphasis on noncoding RNAs and drug efflux mechanisms. <b>2021</b> , 155-168	
445	Cell Signaling Events. <b>2021</b> , 271-294	
444	Nanostructure of Functional Larotaxel Liposomes Decorated with Guanine-Rich Quadruplex Nucleotide-Lipid Derivative for Treatment of Resistant Breast Cancer. <b>2021</b> , 17, e2007391	1
443	Molecular Pathogenesis and Treatment Perspectives for Hypereosinophilia and Hypereosinophilic Syndromes. <b>2021</b> , 22,	4
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435	An Integrated Bioinformatics Study of a Novel Niclosamide Derivative, NSC765689, a Potential /// Suppressor with Anti-Glioblastoma Properties. <b>2021</b> , 22,	4
434	Multi-Omics Data Analysis of Gene Expressions and Alterations, Cancer-Associated Fibroblast and Immune Infiltrations, Reveals the Onco-Immune Prognostic Relevance of STAT3/CDK2/4/6 in Human Malignancies. <b>2021</b> , 13,	15
433	Two transcriptionally distinct pathways drive female development in a reptile with both genetic and temperature dependent sex determination.	О
432	Integration of IL-2 and IL-4 signals coordinates divergent regulatory T cell responses and drives therapeutic efficacy. <b>2021</b> , 10,	3
431	Mechanism of mesenchymal stem cells in spinal cord injury repair through macrophage polarization. <b>2021</b> , 11, 41	12
430	Viral growth factor- and STAT3 signaling-dependent elevation of the TCA cycle intermediate levels during vaccinia virus infection. <b>2021</b> , 17, e1009303	8
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428	Ruxolitinib inhibits poly(I:C) and type 2 cytokines-induced CCL5 production in bronchial epithelial cells: A potential therapeutic agent for severe eosinophilic asthma. <b>2021</b> , 9, 363-373	2
427	ATF3 downmodulates its new targets IFI6 and IFI27 to suppress the growth and migration of tongue squamous cell carcinoma cells. <b>2021</b> , 17, e1009283	7
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424	A heterozygous germline CD100 mutation in a family with primary sclerosing cholangitis. <b>2021</b> , 13,	1
423	Arthropods Under Pressure: Stress Responses and Immunity at the Pathogen-Vector Interface. <b>2020</b> , 11, 629777	5

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419	MicroRNA-mRNA Networks in Pregnancy Complications: A Comprehensive Downstream Analysis of Potential Biomarkers. <b>2021</b> , 22,	10
418	Costunolide, a Sesquiterpene Lactone, Suppresses Skin Cancer via Induction of Apoptosis and Blockage of Cell Proliferation. <b>2021</b> , 22,	3
417	Anti-inflammatory Effects of Alcohol Are Associated with JNK-STAT3 Downregulation in an Inflammation Model in HepG2 Cells. <b>2021</b> , 2021, 6622701	O
416	An iTRAQ-based comparative proteomic analysis of grass carp infected with virulent and avirulent isolates of grass carp reovirus genotype II. <b>2021</b> , 535, 736426	1
415	Discovery of novel candidates for anti-liposarcoma therapies by medium-scale high-throughput drug screening. <b>2021</b> , 16, e0248140	3
414	New Therapeutic Opportunities for the Treatment of Squamous Cell Carcinomas: A Focus on Novel Driver Kinases. <b>2021</b> , 22,	1
413	Bone Marrow Homeostasis Is Impaired via JAK/STAT and Glucocorticoid Signaling in Cancer Cachexia Model. <b>2021</b> , 13,	4
412	The guardian's choice: how p53 enables context-specific decision-making in individual cells. <b>2021</b> ,	3
411	Germline STAT3 gain-of-function mutations in primary immunodeficiency: Impact on the cellular and clinical phenotype. <b>2021</b> , 44, 412-421	5
410	Orchestrated modulation of rheumatoid arthritis via crosstalking intracellular signaling pathways. <b>2021</b> , 29, 965-974	1
409	Ruxolitinib induces apoptosis of human colorectal cancer cells by downregulating the JAK1/2-STAT1-Mcl-1 axis. <b>2021</b> , 21, 352	1
408	R-Spondin 2 and WNT/CTNNB1 Signaling Pathways Are Required for Porcine Follicle Development and In Vitro Maturation. <b>2021</b> , 11,	2
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406	Intracellular interferon signalling pathways as potential regulators of covalently closed circular DNA in the treatment of chronic hepatitis B. <b>2021</b> , 27, 1369-1391	O
405	The Impact of Age on Response to Infection in. <b>2021</b> , 9,	2

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403	The mA RNA methylation regulates oncogenic signaling pathways driving cell malignant transformation and carcinogenesis. <b>2021</b> , 20, 61	17
402	Mechanistic interplay of various mediators involved in mediating the neuroprotective effect of daphnetin. <b>2021</b> , 73, 1220-1229	2
401	An activity-dependent determinant of synapse elimination in the mammalian brain. <b>2021</b> , 109, 1333-1349.e6	10
400	Pleiotropy enables specific and accurate signaling in the presence of ligand cross talk. <b>2021</b> , 103, 042401	1
399	Tibetan medicine Ershiwuwei Lvxue Pill attenuates collagen-induced arthritis via inhibition of JAK2/STAT3 signaling pathway. <b>2021</b> , 270, 113820	11
398	MicroRNA Regulation of Breast Cancer Stemness. <b>2021</b> , 22,	1
397	STAT6-Dependent Exacerbation of House Dust Mite-Induced Allergic Airway Disease in Mice by Multi-Walled Carbon Nanotubes. <b>2021</b> , 22, 100309-100309	
396	Curcumin Regulates Cancer Progression: Focus on ncRNAs and Molecular Signaling Pathways. <b>2021</b> , 11, 660712	9
395	The Atlantic salmon's stress- and immune-related transcriptional responses to moderate hypoxia, an incremental temperature increase, and these challenges combined. <b>2021</b> ,	4
394	Da Cheng Qi Decoction Alleviates Cerulein-Stimulated AR42J Pancreatic Acinar Cell Injury via the JAK2/STAT3 Signaling Pathway. <b>2021</b> , 2021, 6657036	2
393	MicroRNA-653-5p Promotes Gastric Cancer Proliferation and Metastasis by Targeting the SOCS6-STAT3 Pathway. <b>2021</b> , 8, 655580	4
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391	Inflammation Regulates the Multi-Step Process of Retinal Regeneration in Zebrafish. 2021, 10,	3
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385	Novel therapeutic approaches for cutaneous T cell lymphomas. <b>2021</b> , 17, 629-641	1
384	Vasculitis, Autoimmunity, and Cytokines: How the Immune System Can Harm the Brain. 2021, 18,	0
383	Transcriptome analysis and identification of genes and single-nucleotide polymorphisms associated with growth traits in the Chinese soft-shelled turtle, Pelodiscus sinensis. <b>2021</b> , 52, 913-931	O
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381	Role of intracellular signaling pathways and their inhibitors in the treatment of inflammation. <b>2021</b> , 29, 617-640	4
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379	Long noncoding RNAs in bacterial infection. <b>2021</b> , 12, e1664	1
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376	Deciphering the Complexity of 3D Chromatin Organization Driving Lymphopoiesis and Lymphoid Malignancies. <b>2021</b> , 12, 669881	2
375	Insights into forsythia honeysuckle (Lianhuaqingwen) capsules: A Chinese herbal medicine repurposed for COVID-19 pandemic <b>2021</b> , 1, 100027	4
374	Adipokines change the balance of proliferation/apoptosis in the ovarian cells of human and domestic animals: A comparative review. <b>2021</b> , 228, 106737	1
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347	Detailed analysis of Japanese patients with adenosine deaminase 2 deficiency reveals characteristic elevation of type II interferon signature and STAT1 hyperactivation. <b>2021</b> , 148, 550-562	8
346	Mechanistic Insight into the Effects of Curcumin on Neuroinflammation-Driven Chronic Pain. <b>2021</b> , 14,	О
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344	Baricitinib for the treatment of atopic dermatitis. <b>2021</b> , 1-10	3
343	Current and future status of JAK inhibitors. <b>2021</b> , 398, 803-816	17
342	A novel melatonin-regulated lncRNA suppresses TPA-induced oral cancer cell motility through replenishing PRUNE2 expression. <b>2021</b> , 71, e12760	13
341	The promising potential of piperlongumine as an emerging therapeutics for cancer.	
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339	Single-cell transcriptomics reveal in mature B cell as a dynamic network biomarker before lymph node metastasis in CRC. <b>2021</b> , 22, 495-506	1
338	Inhibition of APE1/Ref-1 for Neovascular Eye Diseases: From Biology to Therapy. <b>2021</b> , 22,	3
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336	Far infrared irradiation suppresses experimental arthritis in rats by down-regulation of genes involved inflammatory response and autoimmunity <b>2022</b> , 38, 107-118	О
335	Tofacitinib Suppresses IL-10/IL-10R Signaling and Modulates Host Defense Responses in Human Macrophages. <b>2021</b> ,	1
334	Suppressing STAT3 activity protects the endothelial barrier from VEGF-mediated vascular permeability. <b>2021</b> , 14,	7
333	Genome-wide structural variations in Brazilian Senepol cattle, a tropically adapted taurine breed. <b>2021</b> , 104708	

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331	Signaling integration of hydrogen sulfide and iron on cellular functions. 2021,	4
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329	The increasing hematopoietic effect of the combined treatment of Korean Red Ginseng and on cyclophosphamide-induced immunosuppression in mice. <b>2021</b> , 45, 591-598	3
328	Survival and transcriptomic responses to different Perkinsus marinus exposure methods in an Eastern oyster family. <b>2021</b> , 542, 736831	1
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321	Accelerating Drug Design against Novel Proteins Using Deep Learning. <b>2021</b> , 61, 621-630	22
320	STAT signaling in the intestine. <b>2021</b> , 361, 1-20	2
319	Disease-Based Network Pharmacology Practice Process. <b>2021</b> , 395-429	1
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313	Tissue Renewal, Regeneration, and Repair. <b>2010</b> , 79-110	6
312	Polycystin and calcium signaling in cell death and survival. <b>2018</b> , 69, 37-45	27
311	Reduced post-stroke glial scarring in the infant primate brain reflects age-related differences in the regulation of astrogliosis. <b>2018</b> , 111, 1-11	7
310	Latest advances in STAT signaling and function in adipocytes. <b>2020</b> , 134, 629-639	9
309	Getting around the cell: physical transport in the intracellular world. <b>2020</b> , 17, 061003	15
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306	Integrative transcriptomics reveals sexually dimorphic microRNA control of the cholinergic/neurokine interface in schizophrenia and bipolar disorder.	1
305	JNK MAPK Regulates IFN-Stimulated Genes and Cell Adhesion in Chemoresistant, Quiescent Leukemic Cells.	1
304	Extracellular CIRP induces macrophage endotoxin tolerance through IL-6R-mediated STAT3 activation. <b>2020</b> , 5,	12
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294	Transcriptional profiling of bone marrow stromal cells in response to Porphyromonas gingivalis secreted products. <b>2012</b> , 7, e43899	10
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291	Matrix metalloproteinase 3 promotes cellular anti-dengue virus response via interaction with transcription factor NF <b>B</b> in cell nucleus. <b>2014</b> , 9, e84748	20
290	Stress-Immune-Growth Interactions: Cortisol Modulates Suppressors of Cytokine Signaling and JAK/STAT Pathway in Rainbow Trout Liver. <b>2015</b> , 10, e0129299	46
289	Discovery of Intermediary Genes between Pathways Using Sparse Regression. <b>2015</b> , 10, e0137222	1
288	Loss of function JAK1 mutations occur at high frequency in cancers with microsatellite instability and are suggestive of immune evasion. <b>2017</b> , 12, e0176181	49
287	Genome wide host gene expression analysis in mice experimentally infected with Pasteurella multocida. <b>2017</b> , 12, e0179420	10
286	Hypertonic saline attenuates the cytokine-induced pro-inflammatory signature in primary human lung epithelia. <b>2017</b> , 12, e0189536	10
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283	Use of Immune Modulator Interferon-Gamma to Support Combating COVID-19 Pandemic. <b>2020</b> , 1, 1-15	2
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270	p53 amplifies Toll-like receptor 5 response in human primary and cancer cells through interaction with multiple signal transduction pathways. <b>2015</b> , 6, 16963-80	16
269	MEK inhibition activates STAT signaling to increase breast cancer immunogenicity via MHC-I expression. <b>2020</b> , 3, 603-612	4
268	Novel Therapeutic Approaches in Rheumatoid Arthritis: Role of Janus Kinases Inhibitors. <b>2019</b> , 26, 2823-2843	12
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265	Ruxolitinib Regulates the Autophagy Machinery in Multiple Myeloma Cells. <b>2020</b> , 20, 2316-2323	6
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262	Role of STAT3 in inflammatory bowel disease. <b>2008</b> , 14, 5110-4	82
261	The JAK2/STAT3 pathway inhibitor, AG490, suppresses the abnormal behavior of keloid fibroblasts in vitro. <b>2020</b> , 46, 191-200	11

260	Exposure to Cerium Oxide Nanoparticles Is Associated With Activation of Mitogen-activated Protein Kinases Signaling and Apoptosis in Rat Lungs. <b>2015</b> , 48, 132-41	23
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258	Potential role of NADPH oxidase in pathogenesis of pancreatitis. <b>2014</b> , 5, 169-77	17
257	Molecular biology of Philadelphia-negative myeloproliferative neoplasms. <b>2012</b> , 34, 150-5	12
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