

# Stefan Rose-John

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

539  
papers

40,918  
citations

100  
h-index

182  
g-index

616  
ext. papers

46,444  
ext. citations

7.4  
avg, IF

7.61  
L-index

#	Paper	IF	Citations
539	Enhancement of proliferation of human umbilical cord blood-derived CD34 hematopoietic stem cells by a combination of hyper-interleukin-6 and small molecules.. <i>Biochemistry and Biophysics Reports</i> , <b>2022</b> , 29, 101214	2.2	
538	Inhibition of ADAM17 impairs endothelial cell necroptosis and blocks metastasis.. <i>Journal of Experimental Medicine</i> , <b>2022</b> , 219,	16.6	3
537	ADAM17 orchestrates Interleukin-6, TNF $\alpha$ and EGF-R signaling in inflammation and cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2022</b> , 1869, 119141	4.9	1
536	Function and proteolytic generation of the soluble interleukin-6 receptor in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2022</b> , 1869, 119143	4.9	1
535	IL-6-induced FOXO1 activity determines the dynamics of metabolism in CD8 T $\alpha$ cells cross-primed by liver sinusoidal endothelial cells.. <i>Cell Reports</i> , <b>2022</b> , 38, 110389	10.6	3
534	The metalloprotease ADAM10 generates soluble interleukin-2 receptor alpha (sIL-2R $\alpha$ /CD25) in vivo.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101910	5.4	0
533	Phagosomal signalling of the C-type lectin receptor Dectin-1 is terminated by intramembrane proteolysis.. <i>Nature Communications</i> , <b>2022</b> , 13, 1880	17.4	0
532	Brain-Restricted Inhibition of IL-6 Trans-Signaling Mildly Affects Metabolic Consequences of Maternal Obesity in Male Offspring. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
531	The role of interleukin-6 trans-signalling on cardiovascular dysfunction in inflammatory arthritis. <i>Rheumatology</i> , <b>2021</b> , 60, 2852-2861	3.9	2
530	Oncostatin M induces hyperalgesic priming and amplifies signaling of cAMP to ERK by RapGEF2 and PKA. <i>Journal of Neurochemistry</i> , <b>2021</b> , 157, 1821-1837	6	3
529	Overlapping and distinct biological effects of IL-6 classic and trans-signaling in vascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2021</b> , 320, C554-C565	5.4	3
528	Natural Glycoforms of Human Interleukin 6 Show Atypical Plasma Clearance. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13380-13387	16.4	4
527	Natural Glycoforms of Human Interleukin 6 Show Atypical Plasma Clearance. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13492-13499	3.6	1
526	Initiation of Pancreatic Cancer: The Interplay of Hyperglycemia and Macrophages Promotes the Acquisition of Malignancy-Associated Properties in Pancreatic Ductal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
525	The two facets of gp130 signalling in liver tumorigenesis. <i>Seminars in Immunopathology</i> , <b>2021</b> , 43, 609-624		2
524	Interleukin-6: obstacles to targeting a complex cytokine in critical illness. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 643-654	35.1	38
523	Multiple Roles of IL6 in Hepatic Injury, Steatosis, and Senescence Aggregate to Suppress Tumorigenesis. <i>Cancer Research</i> , <b>2021</b> , 81, 4766-4777	10.1	3

522	Endosomes as Signaling Platforms for IL-6 Family Cytokine Receptors. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 688314	5.7	4
521	Therapeutic Interleukin-6 Trans-signaling Inhibition by Olamkicept (sgp130Fc) in Patients With Active Inflammatory Bowel Disease. <i>Gastroenterology</i> , <b>2021</b> , 160, 2354-2366.e11	13.3	34
520	New insights into IL-6 family cytokines in metabolism, hepatology and gastroenterology. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2021</b> , 18, 787-803	24.2	17
519	Cell-autonomous hepatocyte-specific GP130 signaling is sufficient to trigger a robust innate immune response in mice. <i>Journal of Hepatology</i> , <b>2021</b> , 74, 407-418	13.4	5
518	ADAM17 Deficiency Protects against Pulmonary Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 64, 183-195	5.7	7
517	Genetic IL-6R variants and therapeutic inhibition of IL-6 receptor signalling in COVID-19. <i>Lancet Rheumatology, The</i> , <b>2021</b> , 3, e96-e97	14.2	5
516	Xenotropic and polytropic retrovirus receptor 1 regulates procoagulant platelet polyphosphate. <i>Blood</i> , <b>2021</b> , 137, 1392-1405	2.2	11
515	NOTCH Activation via gp130/STAT3 Signaling Confers Resistance to Chemoradiotherapy. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
514	Cathepsin D Variants Associated With Neurodegenerative Diseases Show Dysregulated Functionality and Modified $\beta$ Synuclein Degradation Properties. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 581805	5.7	7
513	Transgenic inhibition of interleukin-6 trans-signaling does not prevent skeletal pathologies in mucopolidosis type II mice. <i>Scientific Reports</i> , <b>2021</b> , 11, 3556	4.9	
512	Macrophage-derived IL-6 trans-signaling as a novel target in the pathogenesis of bronchopulmonary dysplasia. <i>European Respiratory Journal</i> , <b>2021</b> ,	13.6	5
511	Therapeutic targeting of IL-6 trans-signaling. <i>Cytokine</i> , <b>2021</b> , 144, 155577	4	5
510	Epithelial memory of inflammation limits tissue damage while promoting pancreatic tumorigenesis. <i>Science</i> , <b>2021</b> , 373, eabj0486	33.3	14
509	Identification of the factor XII contact activation site enables sensitive coagulation diagnostics. <i>Nature Communications</i> , <b>2021</b> , 12, 5596	17.4	6
508	Diminished PLK2 Induces Cardiac Fibrosis and Promotes Atrial Fibrillation. <i>Circulation Research</i> , <b>2021</b> , 129, 804-820	15.7	2
507	Blocking only the bad side of IL-6 in inflammation and cancer. <i>Cytokine</i> , <b>2021</b> , 148, 155690	4	4
506	Interleukin-6 controls recycling and degradation, but not internalization of its receptors. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100434	5.4	4
505	Tocilizumab does not block interleukin-6 (IL-6) signaling in murine cells. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232612	3.7	6

504	Soluble interleukin-6 receptor in patients with V617F somatic mutation and myeloproliferative neoplasm. <i>EClinicalMedicine</i> , <b>2020</b> , 22, 100340	11.3	2
503	Letter to the Editor: Non-specific effects resulting from use of tocilizumab in mice. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 109, 154281	12.7	1
502	Joint Reconstituted Signaling of the IL-6 Receptor via Extracellular Vesicles. <i>Cells</i> , <b>2020</b> , 9,	7.9	4
501	Repopulating Microglia Promote Brain Repair in an IL-6-Dependent Manner. <i>Cell</i> , <b>2020</b> , 180, 833-846.e16	15.2	125
500	A variant in with a selective IL-11 signaling defect in human and mouse. <i>Bone Research</i> , <b>2020</b> , 8, 24	13.3	11
499	IL-6 Trans-Signaling in the Brain Influences the Metabolic Phenotype of the 3xTg-AD Mouse Model of Alzheimer $\beta$ Disease. <i>Cells</i> , <b>2020</b> , 9,	7.9	5
498	IgG Fc sialylation is regulated during the germinal center reaction following immunization with different adjuvants. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 146, 652-666.e11	11.5	17
497	Interleukin-6 signalling in health and disease. <i>F1000Research</i> , <b>2020</b> , 9,	3.6	25
496	Necroptosis, ADAM proteases and intestinal (dys)function. <i>International Review of Cell and Molecular Biology</i> , <b>2020</b> , 353, 83-152	6	3
495	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. <i>Gut</i> , <b>2020</b> , 69, 1269-1282	19.2	66
494	Interleukin-6 plays a critical role in aldosterone-induced macrophage recruitment and infiltration in the myocardium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165627	6.9	10
493	Interleukin-6 trans-signaling is a candidate mechanism to drive progression of human DCCs during clinical latency. <i>Nature Communications</i> , <b>2020</b> , 11, 4977	17.4	10
492	ADAM-Mediated Signalling Pathways in Gastrointestinal Cancer Formation. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
491	Increased CXCL4 expression in hematopoietic cells links inflammation and progression of bone marrow fibrosis in MPN. <i>Blood</i> , <b>2020</b> , 136, 2051-2064	2.2	19
490	Cathepsin S provokes interleukin-6 (IL-6) trans-signaling through cleavage of the IL-6 receptor in vitro. <i>Scientific Reports</i> , <b>2020</b> , 10, 21612	4.9	3
489	Degradome of soluble ADAM10 and ADAM17 metalloproteases. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 331-350	10.3	25
488	The ADAM17 protease promotes tobacco smoke carcinogen-induced lung tumorigenesis. <i>Carcinogenesis</i> , <b>2020</b> , 41, 527-538	4.6	15
487	ADAM17: An Emerging Therapeutic Target for Lung Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	23

486	Treatment of type 2 diabetes with the designer cytokine IC7Fc. <i>Nature</i> , <b>2019</b> , 574, 63-68	50.4	30
485	Functional Characterization of Colon Cancer-Associated Mutations in : Modifications in the Pro-Domain Interfere with Trafficking and Maturation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
484	Modulation of the IL-6-Signaling Pathway in Liver Cells by miRNAs Targeting gp130, JAK1, and/or STAT3. <i>Molecular Therapy - Nucleic Acids</i> , <b>2019</b> , 16, 419-433	10.7	17
483	ADAM17 selectively activates the IL-6 trans-signaling/ERK MAPK axis in KRAS-addicted lung cancer. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11,	12	39
482	ADAM17-deficiency on microglia but not on macrophages promotes phagocytosis and functional recovery after spinal cord injury. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 80, 129-145	16.6	5
481	Interleukin-6 Receptor Signaling and Abdominal Aortic Aneurysm Growth Rates. <i>Circulation Genomic and Precision Medicine</i> , <b>2019</b> , 12, e002413	5.2	25
480	Interleukin 6 trans-signalling and risk of future cardiovascular events. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 213-221	9.9	25
479	Meprin Induces activities of A disintegrin and metalloproteinases 9, 10, and 17 by specific prodomain cleavage. <i>FASEB Journal</i> , <b>2019</b> , 33, 11925-11940	0.9	11
478	IL-6 trans-signaling in the brain influences the behavioral and physio-pathological phenotype of the Tg2576 and 3xTgAD mouse models of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 82, 145-159	16.6	10
477	Interleukin 6 Dependent Synaptic Plasticity in a Social Defeat-Susceptible Prefrontal Cortex Circuit. <i>Neuroscience</i> , <b>2019</b> , 414, 280-296	3.9	3
476	The Synthetic Retinoid Acitretin Increases IL-6 in the Central Nervous System of Alzheimer Disease Model Mice and Human Patients. <i>Frontiers in Aging Neuroscience</i> , <b>2019</b> , 11, 182	5.3	11
475	Differences in Shedding of the Interleukin-11 Receptor by the Proteases ADAM9, ADAM10, ADAM17, Meprin B, Meprin C and MT1-MMP. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	12
474	The IL-6-neutralizing sIL-6R-sgp130 buffer system is disturbed in patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 317, E411-E420	6	18
473	Regulation of Fibrotic Processes in the Liver by ADAM Proteases. <i>Cells</i> , <b>2019</b> , 8,	7.9	3
472	ADAM17 Activity and IL-6 Trans-Signaling in Inflammation and Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	45
471	Activated gp130 signaling selectively targets B cell differentiation to induce mature lymphoma and plasmacytoma. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	5
470	IL-6 dysregulation originates in dendritic cells and mediates graft-versus-host disease via classical signaling. <i>Blood</i> , <b>2019</b> , 134, 2092-2106	2.2	18
469	Impaired mechanical, heat, and cold nociception in a murine model of genetic TACE/ADAM17 knockdown. <i>FASEB Journal</i> , <b>2019</b> , 33, 4418-4431	0.9	9

468	Therapeutic blockade of the interleukin-6 receptor (IL-6R) allows sIL-6R generation by proteolytic cleavage. <i>Cytokine</i> , <b>2019</b> , 114, 1-5	4	7
467	Pharmacologic IL-6R inhibition in cholangiocarcinoma promotes cancer cell growth and survival. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 308-321	6.9	8
466	ADAM17 is required for EGF-R-induced intestinal tumors via IL-6 trans-signaling. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1205-1225	16.6	40
465	Pharmacological inhibition of IL-6 trans-signaling improves compromised fracture healing after severe trauma. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2018</b> , 391, 523-536	3.4	27
464	The ADAM17 Metalloproteinase Maintains Arterial Elasticity. <i>Thrombosis and Haemostasis</i> , <b>2018</b> , 118, 210-213	7	4
463	Dissecting Interleukin-6 Classic- and Trans-Signaling in Inflammation and Cancer. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1725, 127-140	1.4	27
462	Interleukin-6: designing specific therapeutics for a complex cytokine. <i>Nature Reviews Drug Discovery</i> , <b>2018</b> , 17, 395-412	64.1	272
461	Interleukin-6 Family Cytokines. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2018</b> , 10,	10.2	252
460	Differing Outcome of Experimental Autoimmune Encephalitis in Macrophage/Neutrophil- and T Cell-Specific gp130-Deficient Mice. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 836	8.4	12
459	Frontline Science: Proliferation of Ly6C monocytes during urinary tract infections is regulated by IL-6 trans-signaling. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 13-22	6.5	13
458	BATF-dependent IL-7RhiGM-CSF+ T cells control intestinal graft-versus-host disease. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 916-930	15.9	23
457	Thirty-eight-negative kinase 1 mediates trauma-induced intestinal injury and multi-organ failure. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5056-5072	15.9	18
456	The enhanced susceptibility of ADAM-17 hypomorphic mice to DSS-induced colitis is not ameliorated by loss of RIPK3, revealing an unexpected function of ADAM-17 in necroptosis. <i>Oncotarget</i> , <b>2018</b> , 9, 12941-12958	3.3	8
455	IL6RA, Interleukin-6 Receptor Subunit Alpha <b>2018</b> , 2565-2570		
454	Distinct Effects of IL-6 Classic and Trans-Signaling in Bone Fracture Healing. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 474-490	5.8	54
453	Structural and Functional Analyses of the Shedding Protease ADAM17 in HoxB8-Immortalized Macrophages and Dendritic-like Cells. <i>Journal of Immunology</i> , <b>2018</b> , 201, 3106-3118	5.3	8
452	Laboratory diagnostics of murine blood for detection of mouse cytomegalovirus (MCMV)-induced hepatitis. <i>Scientific Reports</i> , <b>2018</b> , 8, 14823	4.9	11
451	Mutations in Craniosynostosis Patients Cause Defective Interleukin-11 Receptor Maturation and Drive Craniosynostosis-like Disease in Mice. <i>Cell Reports</i> , <b>2018</b> , 25, 10-18.e5	10.6	18

450	Control of <i>Listeria monocytogenes</i> infection requires classical IL-6 signaling in myeloid cells. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203395	3.7	13
449	Adam17 Deficiency Promotes Atherosclerosis by Enhanced TNFR2 Signaling in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 247-257	9.4	42
448	Modelling IRF8 Deficient Human Hematopoiesis and Dendritic Cell Development with Engineered iPS Cells. <i>Stem Cells</i> , <b>2017</b> , 35, 898-908	5.8	39
447	Intravitreal injection of anti-Interleukin (IL)-6 antibody attenuates experimental autoimmune uveitis in mice. <i>Cytokine</i> , <b>2017</b> , 96, 8-15	4	14
446	Interleukin-11-driven gastric tumorigenesis is independent of trans-signalling. <i>Cytokine</i> , <b>2017</b> , 92, 118-123	17	17
445	IL-6 Improves Energy and Glucose Homeostasis in Obesity via Enhanced Central IL-6 trans-Signaling. <i>Cell Reports</i> , <b>2017</b> , 19, 267-280	10.6	116
444	EGFR in Tumor-Associated Myeloid Cells Promotes Development of Colorectal Cancer in Mice and Associates With Outcomes of Patients. <i>Gastroenterology</i> , <b>2017</b> , 153, 178-190.e10	13.3	51
443	Interleukin 6 trans-signaling regulates basal synaptic transmission and sensitivity to pentylene-tetrazole-induced seizures in mice. <i>Synapse</i> , <b>2017</b> , 71, e21984	2.4	6
442	The role of IL-6 in host defence against infections: immunobiology and clinical implications. <i>Nature Reviews Rheumatology</i> , <b>2017</b> , 13, 399-409	8.1	189
441	Meprin Metalloproteases Generate Biologically Active Soluble Interleukin-6 Receptor to Induce Trans-Signaling. <i>Scientific Reports</i> , <b>2017</b> , 7, 44053	4.9	34
440	The balance between Treg and TH cells: CD11b and interleukin-6. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 629-632	6.1	2
439	Due to interleukin-6 type cytokine redundancy only glycoprotein 130 receptor blockade efficiently inhibits myeloma growth. <i>Haematologica</i> , <b>2017</b> , 102, 381-390	6.6	18
438	Interleukin 6-dependent genomic instability heralds accelerated carcinogenesis following liver regeneration on a background of chronic hepatitis. <i>Hepatology</i> , <b>2017</b> , 65, 1600-1611	11.2	21
437	A new multiple trauma model of the mouse. <i>BMC Musculoskeletal Disorders</i> , <b>2017</b> , 18, 468	2.8	10
436	Interleukin-6 as a Multifunctional Regulator: Inflammation, Immune Response, and Fibrosis. <i>Journal of Scleroderma and Related Disorders</i> , <b>2017</b> , 2, S1-S5	2.3	52
435	The Soluble Interleukin 6 Receptor: Advanced Therapeutic Options in Inflammation. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 102, 591-598	6.1	93
434	Mucus Detachment by Host Metalloprotease Meprin Requires Shedding of Its Inactive Pro-form, which Is Abrogated by the Pathogenic Protease RgpB. <i>Cell Reports</i> , <b>2017</b> , 21, 2090-2103	10.6	24
433	The shedding protease ADAM17: Physiology and pathophysiology. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 2059-2070	4.9	154

432	IL-6 trans-signaling is essential for the development of hepatocellular carcinoma in mice. <i>Hepatology</i> , <b>2017</b> , 65, 89-103	11.2	88
431	Instructive Role of the Microenvironment in Preventing Renal Fibrosis. <i>Stem Cells Translational Medicine</i> , <b>2017</b> , 6, 992-1005	6.9	14
430	Trans-presentation of IL-6 by dendritic cells is required for the priming of pathogenic T17 cells. <i>Nature Immunology</i> , <b>2017</b> , 18, 74-85	19.1	214
429	Receptors for the Four-Helical Cytokines <b>2017</b> , 1-8		
428	Model Based Targeting of IL-6-Induced Inflammatory Responses in Cultured Primary Hepatocytes to Improve Application of the JAK Inhibitor Ruxolitinib. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 775	4.6	11
427	Factor XII-Driven Inflammatory Reactions with Implications for Anaphylaxis. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1115	8.4	28
426	Suppressor of Cytokine Signaling 3 in Macrophages Prevents Exacerbated Interleukin-6-Dependent Arginase-1 Activity and Early Permissiveness to Experimental Tuberculosis. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1537	8.4	9
425	Proteolytic Origin of the Soluble Human IL-6R In Vivo and a Decisive Role of N-Glycosylation. <i>PLoS Biology</i> , <b>2017</b> , 15, e2000080	9.7	76
424	Over-expressing the soluble gp130-Fc does not ameliorate methionine and choline deficient diet-induced non alcoholic steatohepatitis in mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179099	3.7	8
423	The role of ADAM17 in the T-cell response against bacterial pathogens. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184320	3.7	10
422	Cancer-associated mutations in the canonical cleavage site do not influence CD99 shedding by the metalloprotease meprin but alter cell migration. <i>Oncotarget</i> , <b>2017</b> , 8, 54873-54888	3.3	11
421	Batf-dependent Th17 cells critically regulate IL-23 driven colitis-associated colon cancer. <i>Gut</i> , <b>2016</b> , 65, 1139-50	19.2	44
420	Parathyroid hormone induces expression and proteolytic processing of Rankl in primary murine osteoblasts. <i>Bone</i> , <b>2016</b> , 92, 85-93	4.7	11
419	Classic IL-6R signalling is dispensable for intestinal epithelial proliferation and repair. <i>Oncogenesis</i> , <b>2016</b> , 5, e270	6.6	21
418	KSHV-encoded vIL-6 collaborates with deregulated c-Myc to drive plasmablastic neoplasms in mice. <i>Blood Cancer Journal</i> , <b>2016</b> , 6, e398	7	13
417	Cleavage Site Localization Differentially Controls Interleukin-6 Receptor Proteolysis by ADAM10 and ADAM17. <i>Scientific Reports</i> , <b>2016</b> , 6, 25550	4.9	57
416	Blocking IL-6 trans-Signaling Prevents High-Fat Diet-Induced Adipose Tissue Macrophage Recruitment but Does Not Improve Insulin Resistance. <i>Cell Metabolism</i> , <b>2016</b> , 23, 563	24.6	2
415	A soluble form of the interleukin-6 family signal transducer gp130 is dimerized via a C-terminal disulfide bridge resulting from alternative mRNA splicing. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 470, 870-6	3.4	9



414	IL6 Trans-signaling Promotes KRAS-Driven Lung Carcinogenesis. <i>Cancer Research</i> , <b>2016</b> , 76, 866-76	10.1	73
413	Radiation-Induced Loss of Salivary Gland Function Is Driven by Cellular Senescence and Prevented by IL6 Modulation. <i>Cancer Research</i> , <b>2016</b> , 76, 1170-80	10.1	60
412	IL-6 pathway in the liver: From physiopathology to therapy. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 1403-15	13.4	377
411	The role of interleukin-6 signaling in nervous tissue. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2016</b> , 1863, 1218-27	4.9	212
410	Interleukin-6 receptor alpha blockade improves skin lesions in a murine model of systemic lupus erythematosus. <i>Experimental Dermatology</i> , <b>2016</b> , 25, 305-10	4	11
409	Proteolytic Cleavage Governs Interleukin-11 Trans-signaling. <i>Cell Reports</i> , <b>2016</b> , 14, 1761-1773	10.6	72
408	ADAM17 controls IL-6 signaling by cleavage of the murine IL-6R $\alpha$ from the cell surface of leukocytes during inflammatory responses. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 99, 749-60	6.5	38
407	IL-6 Trans-Signaling Drives Murine Crescentic GN. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 132-42	12.7	32
406	ADAM17 substrate release in proximal tubule drives kidney fibrosis. <i>JCI Insight</i> , <b>2016</b> , 1,	9.9	68
405	Constitutive gp130 activation rapidly accelerates the transformation of human hepatocytes via an impaired oxidative stress response. <i>Oncotarget</i> , <b>2016</b> , 7, 55639-55648	3.3	2
404	A disintegrin and metalloprotease 10 (ADAM10) is a central regulator of murine liver tissue homeostasis. <i>Oncotarget</i> , <b>2016</b> , 7, 17431-41	3.3	13
403	The ratio of STAT1 to STAT3 expression is a determinant of colorectal cancer growth. <i>Oncotarget</i> , <b>2016</b> , 7, 51096-51106	3.3	27
402	Mechanistic insights into a TIMP3-sensitive pathway constitutively engaged in the regulation of cerebral hemodynamics. <i>ELife</i> , <b>2016</b> , 5,	8.9	42
401	The Biology of Interleukin-6, a Major Target in Anti-Inflammatory Therapies <b>2016</b> , 476-484		
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1	Interleukin-6 Receptor Signalling and Abdominal Aortic Aneurysm Growth Rates		1

