

David Ray

List of Publications by Citations

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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.

199
papers

8,882
citations

53
h-index

87
g-index

220
ext. papers

10,755
ext. citations

7.3
avg, IF

5.9
L-index

#	Paper	IF	Citations
199	The nuclear receptor REV-ERB α mediates circadian regulation of innate immunity through selective regulation of inflammatory cytokines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 582-7	11.5	409
198	An epithelial circadian clock controls pulmonary inflammation and glucocorticoid action. <i>Nature Medicine</i> , 2014 , 20, 919-26	50.5	260
197	Mutations in the genes encoding 11beta-hydroxysteroid dehydrogenase type 1 and hexose-6-phosphate dehydrogenase interact to cause cortisone reductase deficiency. <i>Nature Genetics</i> , 2003 , 34, 434-9	36.3	255
196	Immediate and delayed impact of oral glucocorticoid therapy on risk of serious infection in older patients with rheumatoid arthritis: a nested case-control analysis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1128-33	2.4	207
195	Mutation screening of the macrophage migration inhibitory factor gene: positive association of a functional polymorphism of macrophage migration inhibitory factor with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2002 , 46, 2402-9		207
194	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. <i>Nature Communications</i> , 2019 , 10, 343	17.4	205
193	Molecular Actions of PPAR α in Lipid Metabolism and Inflammation. <i>Endocrine Reviews</i> , 2018 , 39, 760-802	27.2	189
192	Moderation of psychosocial risk factors through dysfunction of the hypothalamic-pituitary-adrenal stress axis in the onset of chronic widespread musculoskeletal pain: findings of a population-based prospective cohort study. <i>Arthritis and Rheumatism</i> , 2007 , 56, 360-71		183
191	Genome-wide association analyses of sleep disturbance traits identify new loci and highlight shared genetics with neuropsychiatric and metabolic traits. <i>Nature Genetics</i> , 2017 , 49, 274-281	36.3	182
190	Genome-wide association analysis identifies novel loci for chronotype in 100,420 individuals from the UK Biobank. <i>Nature Communications</i> , 2016 , 7, 10889	17.4	180
189	Pituitary cytokine and growth factor expression and action. <i>Endocrine Reviews</i> , 1997 , 18, 206-28	27.2	170
188	Association of the VEGF gene with proliferative diabetic retinopathy but not proteinuria in diabetes. <i>Diabetes</i> , 2004 , 53, 861-4	0.9	158
187	EULAR evidence-based and consensus-based recommendations on the management of medium to high-dose glucocorticoid therapy in rheumatic diseases. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1905-13	2.4	155
186	Defining conditions where long-term glucocorticoid treatment has an acceptably low level of harm to facilitate implementation of existing recommendations: viewpoints from an EULAR task force. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 952-7	2.4	153
185	Glucocorticoid sensitivity is determined by a specific glucocorticoid receptor haplotype. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 892-7	5.6	150
184	Genome-wide association study identifies genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates. <i>Nature Communications</i> , 2019 , 10, 1100	17.4	147
183	Salivary cortisone is a potential biomarker for serum free cortisol. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4951-8	5.6	145

182	Poor sleep and depression are independently associated with a reduced pain threshold. Results of a population based study. <i>Pain</i> , 2005 , 115, 316-321	8	133
181	A functional promoter haplotype of macrophage migration inhibitory factor is linked and associated with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 1604-10		115
180	Leukemia inhibitory factor (LIF) stimulates proopiomelanocortin (POMC) expression in a corticotroph cell line. Role of STAT pathway. <i>Journal of Clinical Investigation</i> , 1996 , 97, 1852-9	15.9	112
179	Biological and clinical insights from genetics of insomnia symptoms. <i>Nature Genetics</i> , 2019 , 51, 387-393	36.3	101
178	Hypothalamic-pituitary-adrenal function and glucocorticoid sensitivity in atopic dermatitis. <i>Pediatrics</i> , 2000 , 105, 794-9	7.4	100
177	Simultaneous measurement of cortisol and cortisone in human saliva using liquid chromatography-tandem mass spectrometry: application in basal and stimulated conditions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3771-5	3.2	99
176	Ligand modulation of REV-ERB α function resets the peripheral circadian clock in a phasic manner. <i>Journal of Cell Science</i> , 2008 , 121, 3629-35	5.3	96
175	Glucocorticoid ligands specify different interactions with NF-kappaB by allosteric effects on the glucocorticoid receptor DNA binding domain. <i>Journal of Biological Chemistry</i> , 2004 , 279, 50050-9	5.4	90
174	Regulation of cortisol bioavailability--effects on hormone measurement and action. <i>Nature Reviews Endocrinology</i> , 2012 , 8, 717-27	15.2	89
173	Circadian timing in the lung; a specific role for bronchiolar epithelial cells. <i>Endocrinology</i> , 2009 , 150, 268-76	7.6	89
172	Macrophage migration inhibitory factor: molecular, cellular and genetic aspects of a key neuroendocrine molecule. <i>Journal of Endocrinology</i> , 2004 , 182, 1-9	4.7	86
171	VEGF polymorphisms are associated with severity of diabetic retinopathy 2008 , 49, 3611-6		85
170	Circadian clock component REV-ERB α controls homeostatic regulation of pulmonary inflammation. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2281-2296	15.9	85
169	Systemic glucocorticoid therapy and adrenal insufficiency in adults: A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2016 , 46, 133-41	5.3	84
168	Misalignment with the external light environment drives metabolic and cardiac dysfunction. <i>Nature Communications</i> , 2017 , 8, 417	17.4	83
167	Response of the hypothalamic-pituitary-adrenal axis to psychological stress in patients with psoriasis. <i>British Journal of Dermatology</i> , 2005 , 153, 1114-20	4	83
166	Glucocorticoid receptor structure and function in glucocorticoid-resistant small cell lung carcinoma cells. <i>Cancer Research</i> , 1996 , 56, 3276-80	10.1	82
165	The circadian clock and asthma. <i>Thorax</i> , 2014 , 69, 90-2	7.3	77

164	Effect of induction agent on vasopressor and steroid use, and outcome in patients with septic shock. <i>Critical Care</i> , 2007 , 11, R56	10.8	75
163	Caveolin mediates rapid glucocorticoid effects and couples glucocorticoid action to the antiproliferative program. <i>Molecular Endocrinology</i> , 2008 , 22, 1320-30		71
162	Steroid biomarkers and genetic studies reveal inactivating mutations in hexose-6-phosphate dehydrogenase in patients with cortisone reductase deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3827-32	5.6	71
161	Characterization of a prolactin gene polymorphism and its associations with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2001 , 44, 2358-66		70
160	Current concepts in glucocorticoid resistance. <i>Steroids</i> , 2012 , 77, 1041-9	2.8	69
159	Leukemia inhibitory factor induces differentiation of pituitary corticotroph function: an immuno-neuroendocrine phenotypic switch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 12502-6	11.5	67
158	Drug insight: selective agonists and antagonists of the glucocorticoid receptor. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2008 , 4, 91-101		66
157	The role of the circadian clock in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2013 , 15, 205	5.7	62
156	Macrophage migration inhibitory factor gene polymorphism is associated with psoriasis. <i>Journal of Investigative Dermatology</i> , 2004 , 123, 484-7	4.3	61
155	A pragmatic randomized controlled trial of thiopurine methyltransferase genotyping prior to azathioprine treatment: the TARGET study. <i>Pharmacogenomics</i> , 2011 , 12, 815-26	2.6	59
154	The circadian clock regulates inflammatory arthritis. <i>FASEB Journal</i> , 2016 , 30, 3759-3770	0.9	58
153	Use of gene expression profiling to identify a novel glucocorticoid sensitivity determining gene, BMPRII. <i>FASEB Journal</i> , 2007 , 21, 402-14	0.9	56
152	NF-kappaB signalling is inhibited by glucocorticoid receptor and STAT6 via distinct mechanisms. <i>Journal of Cell Science</i> , 2003 , 116, 2495-503	5.3	56
151	Sleep and cognitive performance: cross-sectional associations in the UK Biobank. <i>Sleep Medicine</i> , 2017 , 38, 85-91	4.6	55
150	A common pro-opiomelanocortin-binding element mediates leukemia inhibitory factor and corticotropin-releasing hormone transcriptional synergy. <i>Journal of Biological Chemistry</i> , 1997 , 272, 10551-7	5.4	55
149	Identification and functional analysis of SKA2 interaction with the glucocorticoid receptor. <i>Journal of Endocrinology</i> , 2008 , 198, 499-509	4.7	55
148	Optimized chemical probes for REV-ERB. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 4729-37	8.3	54
147	Dissociation of steroid receptor coactivator 1 and nuclear receptor corepressor recruitment to the human glucocorticoid receptor by modification of the ligand-receptor interface: the role of tyrosine 735. <i>Molecular Endocrinology</i> , 2003 , 17, 845-59		49

146	Risk of Incident Diabetes Mellitus Associated With the Dosage and Duration of Oral Glucocorticoid Therapy in Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016 , 68, 1089-98	9.5	48
145	Modelling the glucocorticoid receptor and producing therapeutic agents with anti-inflammatory effects but reduced side-effects. <i>Experimental Physiology</i> , 2007 , 92, 299-309	2.4	48
144	Polymorphisms of the human prolactin gene--implications for production of lymphocyte prolactin and systemic lupus erythematosus. <i>Lupus</i> , 2001 , 10, 676-83	2.6	48
143	REVERBa couples the circadian clock to hepatic glucocorticoid action. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4454-4471	15.9	48
142	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. <i>Nature Communications</i> , 2019 , 10, 3503	17.4	47
141	Cytokine-dependent gp130 receptor subunit regulates human fetal pituitary adrenocorticotropin hormone and growth hormone secretion. <i>Journal of Clinical Investigation</i> , 1997 , 100, 357-63	15.9	47
140	The association between neighbourhood socio-economic status and the onset of chronic widespread pain: results from the EPIFUND study. <i>European Journal of Pain</i> , 2009 , 13, 635-40	3.7	46
139	Inhibition of lipopolysaccharide-stimulated chronic obstructive pulmonary disease macrophage inflammatory gene expression by dexamethasone and the p38 mitogen-activated protein kinase inhibitor	4.7	44
138	Thiazolidinediones are partial agonists for the glucocorticoid receptor. <i>Endocrinology</i> , 2009 , 150, 75-86	4.8	44
137	Vitamin D improves endothelial dysfunction and restores myeloid angiogenic cell function via reduced CXCL-10 expression in systemic lupus erythematosus. <i>Scientific Reports</i> , 2016 , 6, 22341	4.9	44
136	A matter of time: study of circadian clocks and their role in inflammation. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 549-60	6.5	43
135	Human macrophage migration inhibitory factor: a proven immunomodulatory cytokine?. <i>Journal of Biological Chemistry</i> , 2006 , 281, 29641-51	5.4	42
134	Human small cell lung cancer cell lines expressing the proopiomelanocortin gene have aberrant glucocorticoid receptor function. <i>Journal of Clinical Investigation</i> , 1994 , 93, 1625-30	15.9	42
133	The circadian clock components BMAL1 and REV-ERB β regulate flavivirus replication. <i>Nature Communications</i> , 2019 , 10, 377	17.4	41
132	The circadian regulator BMAL1 programmes responses to parasitic worm infection via a dendritic cell clock. <i>Scientific Reports</i> , 2018 , 8, 3782	4.9	41
131	Cunning factor: macrophage migration inhibitory factor as a redox-regulated target. <i>Immunology and Cell Biology</i> , 2008 , 86, 232-8	5	41
130	Impaired processing of proopiomelanocortin in corticotroph macroadenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 497-502	5.6	41
129	Functional evaluation of TNFAIP3 (A20) in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2010 , 28, 708-14	2.2	41

128	Cushing's syndrome due to pheochromocytoma secreting the precursors of adrenocorticotropin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4771-5	5.6	40
127	Structure/function of the human glucocorticoid receptor: tyrosine 735 is important for transactivation. <i>Molecular Endocrinology</i> , 1999 , 13, 1855-63		40
126	Reproducibility of CRISPR-Cas9 methods for generation of conditional mouse alleles: a multi-center evaluation. <i>Genome Biology</i> , 2019 , 20, 171	18.3	39
125	Ultradian cortisol pulsatility encodes a distinct, biologically important signal. <i>PLoS ONE</i> , 2011 , 6, e157663.7	3.7	39
124	Corticosteroid-binding globulin regulates cortisol pharmacokinetics. <i>Clinical Endocrinology</i> , 2011 , 74, 30-6	3.4	38
123	The clock gene inhibits macrophage motility, phagocytosis, and impairs defense against pneumonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1543-1551	11.5	37
122	Glucocorticoid receptor overexpression exerts an antisurvival effect on human small cell lung cancer cells. <i>Oncogene</i> , 2007 , 26, 7111-21	9.2	35
121	Glucocorticoid receptor regulates accurate chromosome segregation and is associated with malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5479-84	11.5	34
120	Loss of glucocorticoid receptor expression by DNA methylation prevents glucocorticoid induced apoptosis in human small cell lung cancer cells. <i>PLoS ONE</i> , 2011 , 6, e24839	3.7	34
119	Molecular mechanisms of glucocorticoid resistance. <i>Journal of Endocrinology</i> , 1996 , 149, 1-5	4.7	34
118	Glucocorticoid receptor function in health and disease. <i>Clinical Endocrinology</i> , 2015 , 83, 441-8	3.4	33
117	Pressure pain thresholds and tender point counts as predictors of new chronic widespread pain in somatising subjects. <i>Annals of the Rheumatic Diseases</i> , 2007 , 66, 517-21	2.4	33
116	The human prolactin gene upstream promoter is regulated in lymphoid cells by activators of T-cells and by cAMP. <i>Journal of Molecular Endocrinology</i> , 1999 , 22, 285-92	4.5	33
115	Time of Day Affects Eosinophil Biomarkers in Asthma: Implications for Diagnosis and Treatment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1578-1581	10.2	33
114	Reduced glucocorticoid receptor expression and function in airway neutrophils. <i>International Immunopharmacology</i> , 2012 , 12, 26-33	5.8	32
113	Novel corticosteroid-binding globulin variant that lacks steroid binding activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, E142-50	5.6	32
112	Ovarian Leydig cell tumor in a peri-menopausal woman with severe hyperandrogenism and virilization. <i>Gynecological Endocrinology</i> , 2005 , 21, 238-41	2.4	32
111	Cushing's Syndrome Due to Pheochromocytoma Secreting the Precursors of Adrenocorticotropin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4771-4775	5.6	32

110	Glucocorticoid receptor gene polymorphisms and susceptibility to rheumatoid arthritis. <i>Clinical Endocrinology</i> , 2007 , 67, 342-5	3.4	30
109	The circadian clock protein REVERB β inhibits pulmonary fibrosis development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1139-1147	11.5	27
108	Genome-wide effect of pulmonary airway epithelial cell-specific deletion. <i>FASEB Journal</i> , 2019 , 33, 6226-6238	6.9	26
107	Glucocorticoid receptor isoforms direct distinct mitochondrial programs to regulate ATP production. <i>Scientific Reports</i> , 2016 , 6, 26419	4.9	26
106	Cell cycle phase regulates glucocorticoid receptor function. <i>PLoS ONE</i> , 2011 , 6, e22289	3.7	26
105	Circadian variation in pulmonary inflammatory responses is independent of rhythmic glucocorticoid signaling in airway epithelial cells. <i>FASEB Journal</i> , 2019 , 33, 126-139	0.9	26
104	The methyltransferase WBSR22/Merm1 enhances glucocorticoid receptor function and is regulated in lung inflammation and cancer. <i>Journal of Biological Chemistry</i> , 2014 , 289, 8931-46	5.4	25
103	Down regulation of T cell receptor expression in COPD pulmonary CD8 cells. <i>PLoS ONE</i> , 2013 , 8, e71629	3.7	25
102	Leukemia inhibitory factor regulates proopiomelanocortin transcription. <i>Annals of the New York Academy of Sciences</i> , 1998 , 840, 162-73	6.5	25
101	Glucocorticoids suppress macrophage migration inhibitory factor (MIF) expression in a cell-type-specific manner. <i>Journal of Molecular Endocrinology</i> , 2005 , 34, 583-95	4.5	25
100	Circadian rhythm of exhaled biomarkers in health and asthma. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	24
99	Adiponectin induces A20 expression in adipose tissue to confer metabolic benefit. <i>Diabetes</i> , 2015 , 64, 128-36	0.9	24
98	T lymphocyte insensitivity to corticosteroids in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2012 , 13, 20	7.3	23
97	The role of the liver X receptor in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2013 , 14, 106	7.3	23
96	A heterozygous c-Maf transactivation domain mutation causes congenital cataract and enhances target gene activation. <i>Human Molecular Genetics</i> , 2007 , 16, 1030-8	5.6	23
95	Addressing Indonesia's Infrastructure Deficit. <i>Bulletin of Indonesian Economic Studies</i> , 2016 , 52, 1-25	2.2	23
94	Glucocorticoids reduce inflammation in cystic fibrosis bronchial epithelial cells. <i>Cellular Signalling</i> , 2012 , 24, 1093-9	4.9	22
93	UbqH7 interacts with the glucocorticoid receptor and mediates receptor autoregulation. <i>Journal of Endocrinology</i> , 2006 , 190, 621-9	4.7	22

92	Association between surgical patient satisfaction and nonmodifiable factors. <i>Journal of Surgical Research</i> , 2017 , 214, 247-253	2.5	21
91	Glucocorticoid receptor over-expression promotes human small cell lung cancer apoptosis in vivo and thereby slows tumor growth. <i>Endocrine-Related Cancer</i> , 2010 , 17, 203-13	5.7	21
90	Night shift work is associated with an increased risk of asthma. <i>Thorax</i> , 2021 , 76, 53-60	7.3	21
89	Familial glucocorticoid resistance caused by a novel frameshift glucocorticoid receptor mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, E490-9	5.6	19
88	Hypoxia and glucocorticoid signaling converge to regulate macrophage migration inhibitory factor gene expression. <i>Arthritis and Rheumatism</i> , 2009 , 60, 2220-31		19
87	Analysis of co-factor function in a glucocorticoid-resistant small cell carcinoma cell line. <i>Journal of Endocrinology</i> , 2004 , 183, 375-83	4.7	19
86	Rheumatoid arthritis reprograms circadian output pathways. <i>Arthritis Research and Therapy</i> , 2019 , 21, 47	5.7	18
85	Role of vitamin D in endothelial function and endothelial repair in clinically stable systemic lupus erythematosus. <i>Lancet, The</i> , 2015 , 385 Suppl 1, S83	4.0	18
84	Chronic glucocorticoid exposure potentiates placental chorionic plate artery constriction: implications for aberrant fetoplacental vascular resistance in fetal growth restriction. <i>Endocrinology</i> , 2013 , 154, 876-87	4.8	18
83	Transverse myelitis as the presentation of Jo-1 antibody syndrome (myositis and fibrosing alveolitis) in long-standing ulcerative colitis. <i>Rheumatology</i> , 1993 , 32, 1105-8	3.9	18
82	'In a dark place, we find ourselves': light intensity in critical care units. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 9	3.7	17
81	Pin1 promotes GR transactivation by enhancing recruitment to target genes. <i>Nucleic Acids Research</i> , 2013 , 41, 8515-25	20.1	17
80	Serum regulates cortisol bioactivity by corticosteroid-binding globulin-dependent and independent mechanisms, as revealed by combined bioassay and physicochemical assay approaches. <i>Clinical Endocrinology</i> , 2011 , 75, 31-8	3.4	17
79	MNAR functionally interacts with both NH ₂ - and COOH-terminal GR domains to modulate transactivation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 295, E1047-55	6	17
78	Characterization of the molecular genetic pathology in patients with 11 β hydroxylase deficiency. <i>Clinical Endocrinology</i> , 2015 , 83, 629-35	3.4	16
77	Identification of a novel cell type-specific intronic enhancer of macrophage migration inhibitory factor (MIF) and its regulation by mithramycin. <i>Clinical and Experimental Immunology</i> , 2011 , 163, 178-88	6.2	16
76	Elevated levels of adrenocorticotropin (ACTH) precursors in post-adrenalectomy Cushing's disease and their regulation by glucocorticoids. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995 , 80, 2430-6	5.6	16
75	Shift work is associated with positive COVID-19 status in hospitalised patients. <i>Thorax</i> , 2021 , 76, 601-607	7.3	16

74	The circadian regulator Bmal1 in joint mesenchymal cells regulates both joint development and inflammatory arthritis. <i>Arthritis Research and Therapy</i> , 2019 , 21, 5	5.7	15
73	Additive anti-inflammatory effects of corticosteroids and phosphodiesterase-4 inhibitors in COPD CD8 cells. <i>Respiratory Research</i> , 2016 , 17, 9	7.3	15
72	A ligand-specific kinetic switch regulates glucocorticoid receptor trafficking and function. <i>Journal of Cell Science</i> , 2013 , 126, 3159-69	5.3	15
71	Paracrine interactions within the pituitary gland. <i>Annals of the New York Academy of Sciences</i> , 1998 , 839, 239-43	6.5	15
70	Leukemia inhibitory factor as an intrapituitary mediator of ACTH secretion. <i>Neuroendocrinology</i> , 1999 , 69, 34-43	5.6	14
69	Evaluation of glucocorticoid receptor function in COPD lung macrophages using beclomethasone-17-monopropionate. <i>PLoS ONE</i> , 2013 , 8, e64257	3.7	13
68	Glucocorticoid receptors in lung cancer: new perspectives. <i>Journal of Endocrinology</i> , 2016 , 229, R17-28	4.7	12
67	Corticosteroid effects on COPD alveolar macrophages: dependency on cell culture methodology. <i>Journal of Immunological Methods</i> , 2014 , 405, 144-53	2.5	12
66	Identification of nuclear protein targets for six leukemogenic tyrosine kinases governed by post-translational regulation. <i>PLoS ONE</i> , 2012 , 7, e38928	3.7	12
65	Circadian rhythms in innate immunity and stress responses. <i>Immunology</i> , 2020 , 161, 261-267	7.8	12
64	Nuclear receptor REVERB1 is a state-dependent regulator of liver energy metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25869-25879	11.5	12
63	Circadian control of hepatitis B virus replication. <i>Nature Communications</i> , 2021 , 12, 1658	17.4	12
62	Understanding the pathophysiological mechanisms of cardiometabolic complications in obstructive sleep apnoea: towards personalised treatment approaches. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	12
61	Glucocorticoid therapy regulates podocyte motility by inhibition of Rac1. <i>Scientific Reports</i> , 2017 , 7, 67254.9	4.9	11
60	Characterization of conserved tandem donor sites and intronic motifs required for alternative splicing in corticosteroid receptor genes. <i>Endocrinology</i> , 2009 , 150, 4958-4967	4.8	11
59	Circadian asthma airway responses are gated by REV-ERB1. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	10
58	CRAC channel inhibition produces greater anti-inflammatory effects than glucocorticoids in CD8 cells from COPD patients. <i>Clinical Science</i> , 2014 , 126, 223-32	6.5	10
57	Interferon-inducible factor 16 is a novel modulator of glucocorticoid action. <i>FASEB Journal</i> , 2010 , 24, 1700-13	0.9	10

56	Regulation of glucocorticoid receptor gamma (GRgamma) by glucocorticoid receptor haplotype and glucocorticoid. <i>Clinical Endocrinology</i> , 2004 , 61, 327-31	3.4	10
55	The effect of atorvastatin on serum lipoproteins in acromegaly. <i>Clinical Endocrinology</i> , 2005 , 62, 650-5	3.4	10
54	Incidence of primary graft dysfunction after lung transplantation is altered by timing of allograft implantation. <i>Thorax</i> , 2019 , 74, 413-416	7.3	10
53	Functioning of the hypothalamic-pituitary-adrenal and growth hormone axes in frequently unexplained disorders: results of a population study. <i>European Journal of Pain</i> , 2014 , 18, 447-54	3.7	9
52	The effect of type 1 IFN on human aortic endothelial cell function in vitro: relevance to systemic lupus erythematosus. <i>Journal of Interferon and Cytokine Research</i> , 2014 , 34, 404-12	3.5	9
51	Genetic engineering of the glucocorticoid receptor by fusion with the herpes viral protein VP22 causes selective loss of transactivation. <i>Journal of Endocrinology</i> , 2002 , 172, 615-25	4.7	9
50	Cardiomyocyte transcription is controlled by combined MR and circadian clock signalling. <i>Journal of Endocrinology</i> , 2019 ,	4.7	9
49	Adipocyte NR1D1 dictates adipose tissue expansion during obesity. <i>ELife</i> , 2021 , 10,	8.9	9
48	Regulatory T cells confer a circadian signature on inflammatory arthritis. <i>Nature Communications</i> , 2020 , 11, 1658	17.4	8
47	An abnormality in glucocorticoid receptor expression differentiates steroid responders from nonresponders in keloid disease. <i>British Journal of Dermatology</i> , 2015 , 173, 690-700	4	8
46	Serum cholesterol selectively regulates glucocorticoid sensitivity through activation of JNK. <i>Journal of Endocrinology</i> , 2014 , 223, 155-66	4.7	8
45	Sleep, circadian rhythms, and type 2 diabetes mellitus. <i>Clinical Endocrinology</i> , 2022 , 96, 12-20	3.4	8
44	The tobacco carcinogen NNK drives accumulation of DNMT1 at the GR promoter thereby reducing GR expression in untransformed lung fibroblasts. <i>Scientific Reports</i> , 2018 , 8, 4903	4.9	7
43	Recent advances in chronotherapy for the management of asthma. <i>ChronoPhysiology and Therapy</i> , 2014 , 125		7
42	Failure of steroid regulation of the MMTV promoter in a small cell lung cancer cell line is caused by a DNA sequence flanking the glucocorticoid response element. <i>Journal of Endocrinology</i> , 2002 , 172, 295-302	4.7	7
41	Management of adrenocortical insufficiency with continuous subcutaneous hydrocortisone infusion: long-term experience in three patients. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2015 , 2015, 150005	1.4	7
40	Novel therapeutic agents targeting the glucocorticoid receptor for inflammation and cancer. <i>Current Opinion in Investigational Drugs</i> , 2008 , 9, 1070-7		7
39	Hypoxia regulates GR function through multiple mechanisms involving microRNAs 103 and 107. <i>Molecular and Cellular Endocrinology</i> , 2020 , 518, 111007	4.4	6

38	Effect of rapamycin and prednisolone in differentiated THP-1 and U937 cells. <i>Transplantation Proceedings</i> , 2002 , 34, 2872-3	1.1	5
37	DICER1 mutation and pituitary prolactinoma. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2018 , 2018,	1.4	5
36	Shift work is associated with positive COVID-19 status in hospitalised patients		5
35	GWAS in 446,118 European adults identifies 78 genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates		5
34	Genome-wide association analyses of chronotype in 697,828 individuals provides new insights into circadian rhythms in humans and links to disease		5
33	Re-Evaluating One-step Generation of Mice Carrying Conditional Alleles by CRISPR-Cas9-Mediated Genome Editing Technology		5
32	Circadian Biology and Stroke. <i>Stroke</i> , 2021 , 52, 2180-2190	6.7	5
31	How Do Glucocorticoids Used in Rheumatic Disease Affect Body Weight? A Narrative Review of the Evidence. <i>Arthritis Care and Research</i> , 2020 , 72, 489-497	4.7	5
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