Roman V Kondratov

List of Publications by Year in Descending Order

40 papers	3,197 citations	27 h-index	44 g-index
44 ext. papers	3,693 ext. citations	5.6 avg, IF	5.39 L-index

#	Paper	IF	Citations
40	eIF2A-knockout mice reveal decreased life span and metabolic syndrome. *FASEB Journal*, **2021**, 35, e21990	0.9	0
39	It's about time; divergent circadian clocks in livers of mice and naked mole-rats. *FASEB Journal*, **2021**, 35, e21590	0.9	2
38	Clock at the Core of Cancer Development. *Biology*, **2021**, 10,	4.9	2
37	Two-meal caloric restriction induces 12-hour rhythms and improves glucose homeostasis. *FASEB Journal*, **2021**, 35, e21342	0.9	1
36	Reduced caloric intake and periodic fasting independently contribute to metabolic effects of caloric restriction. *Aging Cell*, **2020**, 19, e13138	9.9	13
35	CR reprograms acetyl-CoA metabolism and induces long-chain acyl-CoA dehydrogenase and CrAT expression. *Aging Cell*, **2020**, 19, e13266	9.9	6
34	Calorie restriction reprograms diurnal rhythms in protein translation to regulate metabolism. *FASEB Journal*, **2019**, 33, 4473-4489	0.9	11
33	Caloric restriction effects on liver mTOR signaling are time-of-day dependent. *Aging*, **2018**, 10, 1640-1648	5.6	16
32	Cryptochromes regulate IGF-1 production and signaling through control of JAK2-dependent STAT5B phosphorylation. *Molecular Biology of the Cell*, **2017**, 28, 834-842	3.5	29
31	Circadian transcription factor BMAL1 regulates innate immunity against select RNA viruses. *Innate Immunity*, **2017**, 23, 147-154	2.7	34
30	Circadian Clocks and mTOR Signaling. *Healthy Ageing and Longevity*, **2017**, 193-210	0.5	
29	Calorie restriction effects on circadian rhythms in gene expression are sex dependent. *Scientific Reports*, **2017**, 7, 9716	4.9	21
28	Aging and calorie restriction regulate the expression of miR-125a-5p and its target genes Stat3, Casp2 and Stard13. *Aging*, **2017**, 9, 1825-1843	5.6	23
27	Circadian clocks, diets and aging. *Nutrition and Healthy Aging*, **2017**, 4, 101-112	1.3	32
26	Calorie restriction regulates circadian clock gene expression through BMAL1 dependent and independent mechanisms. *Scientific Reports*, **2016**, 6, 25970	4.9	53
25	Deficiency of circadian clock protein BMAL1 in mice results in a low bone mass phenotype. *Bone*, **2016**, 84, 194-203	4.7	69
24	Circadian clocks govern calorie restriction-mediated life span extension through BMAL1- and IGF-1-dependent mechanisms. *FASEB Journal*, **2016**, 30, 1634-42	0.9	55

23	Circadian Clock Genes Are Essential for Normal Adult Neurogenesis, Differentiation, and Fate Determination. *PLoS ONE*, **2015**, 10, e0139655	3.7	38
22	Transcriptional control of antioxidant defense by the circadian clock. *Antioxidants and Redox Signaling*, **2014**, 20, 2997-3006	8.4	55
21	BMAL1-dependent regulation of the mTOR signaling pathway delays aging. *Aging*, **2014**, 6, 48-57	5.6	137
20	Circadian Clock Mechanisms Link Aging and Inflammation **2014**, 145-155		
19	Metabolic clock generates nutrient anticipation rhythms in mTOR signaling. *Aging*, **2014**, 6, 675-89	5.6	43
18	Pharmacological modulators of the circadian clock as potential therapeutic drugs: focus on genotoxic/anticancer therapy. *Handbook of Experimental Pharmacology*, **2013**, 289-309	3.2	30
17	The circadian clock and pathology of the ageing brain. *Nature Reviews Neuroscience*, **2012**, 13, 325-35	13.5	323
16	Cell-autonomous circadian DNA damage response: is the case closed?. *Cell Cycle*, **2012**, 11, 3720-1	4.7	2
15	Circadian clock protein BMAL1 regulates cellular senescence in vivo. *Cell Cycle*, **2011**, 10, 4162-9	4.7	103
14	Deficiency of circadian protein CLOCK reduces lifespan and increases age-related cataract development in mice. *Aging*, **2010**, 2, 936-44	5.6	119
13	Circadian proteins and genotoxic stress response. *Circulation Research*, **2010**, 106, 68-78	15.7	39
12	Circadian regulation of cell cycle: Molecular connections between aging and the circadian clock. *Annals of Medicine*, **2010**, 42, 404-15	1.5	82
11	Antioxidant N-acetyl-L-cysteine ameliorates symptoms of premature aging associated with the deficiency of the circadian protein BMAL1. *Aging*, **2009**, 1, 979-87	5.6	113
10	Disruption of the circadian clock due to the Clock mutation has discrete effects on aging and carcinogenesis. *Cell Cycle*, **2008**, 7, 1197-204	4.7	124
9	Circadian proteins in the regulation of cell cycle and genotoxic stress responses. *Trends in Cell Biology*, **2007**, 17, 311-7	18.3	82
8	A role of the circadian system and circadian proteins in aging. *Ageing Research Reviews*, **2007**, 6, 12-27	12	95
7	The role of mammalian circadian proteins in normal physiology and genotoxic stress responses. *Current Topics in Developmental Biology*, **2007**, 78, 173-216	5.3	50
6	Dual role of the CLOCK/BMAL1 circadian complex in transcriptional regulation. *FASEB Journal*, **2006**, 20, 530-2	0.9	88

5	Early aging and age-related pathologies in mice deficient in BMAL1, the core componentof the circadian clock. *Genes and Development*, **2006**, 20, 1868-73	12.6	759
4	Post-translational regulation of circadian transcriptional CLOCK(NPAS2)/BMAL1 complex by CRYPTOCHROMES. *Cell Cycle*, **2006**, 5, 890-5	4.7	70
3	Circadian clock genes as modulators of sensitivity to genotoxic stress. *Cell Cycle*, **2005**, 4, 901-7	4.7	60
2	Circadian sensitivity to the chemotherapeutic agent cyclophosphamide depends on the functional status of the CLOCK/BMAL1 transactivation complex. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 3407-12	11.5	201
1	BMAL1-dependent circadian oscillation of nuclear CLOCK: posttranslational events induced by dimerization of transcriptional activators of the mammalian clock system. *Genes and Development*, **2003**, 17, 1921-32	12.6	195