

# Qun He

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,387  
citations

567281

15  
h-index

377865

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1097  
citing authors

#	ARTICLE	IF	CITATIONS
1	CKI and CKII mediate the FREQUENCY-dependent phosphorylation of the WHITE COLLAR complex to close the Neurospora circadian negative feedback loop. <i>Genes and Development</i> , 2006, 20, 2552-2565.	5.9	204
2	Regulation of the Neurospora circadian clock by an RNA helicase. <i>Genes and Development</i> , 2005, 19, 234-241.	5.9	187
3	The COP9 signalosome regulates the Neurospora circadian clock by controlling the stability of the SCFFWD-1 complex. <i>Genes and Development</i> , 2005, 19, 1518-1531.	5.9	161
4	FWD1-mediated degradation of FREQUENCY in Neurospora establishes a conserved mechanism for circadian clock regulation. <i>EMBO Journal</i> , 2003, 22, 4421-4430.	7.8	158
5	A novel antisense long noncoding <i>scp</i> RNA, <i>twisted leaf</i> , maintains leaf blade flattening by regulating its associated sense <i>R2R3MYB</i> gene in rice. <i>New Phytologist</i> , 2018, 218, 774-788.	7.3	96
6	A Double-Stranded-RNA Response Program Important for RNA Interference Efficiency. <i>Molecular and Cellular Biology</i> , 2007, 27, 3995-4005.	2.3	72
7	Ubiquitin Ligase Components Cullin4 and DDB1 Are Essential for DNA Methylation in Neurospora crassa. <i>Journal of Biological Chemistry</i> , 2010, 285, 4355-4365.	3.4	55
8	FRQ-CK1 interaction determines the period of circadian rhythms in Neurospora. <i>Nature Communications</i> , 2019, 10, 4352.	12.8	42
9	Suppression of <i>WC</i> -independent <i>frequency</i> transcription by RCO-1 is essential for <i>Neurospora</i> circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4867-74.	7.1	41
10	Neurospora COP9 Signalosome Integrity Plays Major Roles for Hyphal Growth, Conidial Development, and Circadian Function. <i>PLoS Genetics</i> , 2012, 8, e1002712.	3.5	37
11	DCAF26, an Adaptor Protein of Cul4-Based E3, Is Essential for DNA Methylation in Neurospora crassa. <i>PLoS Genetics</i> , 2010, 6, e1001132.	3.5	36
12	Role of Individual Subunits of the Neurospora crassa CSN Complex in Regulation of Deneddylation and Stability of Cullin Proteins. <i>PLoS Genetics</i> , 2010, 6, e1001232.	3.5	34
13	Role for Protein Kinase A in the <i>Neurospora</i> Circadian Clock by Regulating White Collar-Independent <i>frequency</i> Transcription through Phosphorylation of RCM-1. <i>Molecular and Cellular Biology</i> , 2015, 35, 2088-2102.	2.3	27
14	DNA Replication Is Required for Circadian Clock Function by Regulating Rhythmic Nucleosome Composition. <i>Molecular Cell</i> , 2017, 67, 203-213.e4.	9.7	24
15	STK-12 acts as a transcriptional brake to control the expression of cellulase-encoding genes in Neurospora crassa. <i>PLoS Genetics</i> , 2019, 15, e1008510.	3.5	19
16	Suppression of WHITE COLLAR-independent frequency Transcription by Histone H3 Lysine 36 Methyltransferase SET-2 Is Necessary for Clock Function in Neurospora. <i>Journal of Biological Chemistry</i> , 2016, 291, 11055-11063.	3.4	16
17	Transcriptional repression of frequency by the IEC-1-INO80 complex is required for normal Neurospora circadian clock function. <i>PLoS Genetics</i> , 2017, 13, e1006732.	3.5	16
18	Histone variant H2A.Z antagonizes the positive effect of the transcriptional activator CPC1 to regulate catalase-3 expression under normal and oxidative stress conditions. <i>Free Radical Biology and Medicine</i> , 2018, 121, 136-148.	2.9	16

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19	Cross-pathway control gene CPC1/GCN4 coordinates with histone acetyltransferase GCN5 to regulate catalase-3 expression under oxidative stress in <i>Neurospora crassa</i> . <i>Free Radical Biology and Medicine</i> , 2018, 117, 218-227.	2.9	15
20	Improving cellulases production by <i>Myceliophthora thermophila</i> through disruption of protease genes. <i>Biotechnology Letters</i> , 2020, 42, 219-229.	2.2	15
21	Normal Patterns of Histone H3K27 Methylation Require the Histone Variant H2A.Z in <i>Neurospora crassa</i> . <i>Genetics</i> , 2020, 216, 51-66.	2.9	14
22	The highly expressed methionine synthase gene of <i>Neurospora crassa</i> is positively regulated by its proximal heterochromatic region. <i>Nucleic Acids Research</i> , 2014, 42, 6183-6195.	14.5	13
23	Regulation of <i>Neurospora</i> Catalase-3 by global heterochromatin formation and its proximal heterochromatin region. <i>Free Radical Biology and Medicine</i> , 2016, 99, 139-152.	2.9	13
24	Transcription factor CBF-1 is critical for circadian gene expression by modulating WHITE COLLAR complex recruitment to the <i>frq</i> locus. <i>PLoS Genetics</i> , 2018, 14, e1007570.	3.5	13
25	A proper PiCAT2 level is critical for sporulation, sporangium function, and pathogenicity of <i>Phytophthora infestans</i> . <i>Molecular Plant Pathology</i> , 2020, 21, 460-474.	4.2	13
26	FRQ-CK1 Interaction Underlies Temperature Compensation of the <i>Neurospora</i> Circadian Clock. <i>MBio</i> , 2021, 12, e0142521.	4.1	10
27	Two dominant selectable markers for genetic manipulation in <i>Neurospora crassa</i> . <i>Current Genetics</i> , 2020, 66, 835-847.	1.7	9
28	NC2 complex is a key factor for the activation of catalase-3 transcription by regulating H2A.Z deposition. <i>Nucleic Acids Research</i> , 2020, 48, 8332-8348.	14.5	9
29	H3K56 deacetylation and H2A.Z deposition are required for aberrant heterochromatin spreading. <i>Nucleic Acids Research</i> , 2022, 50, 3852-3866.	14.5	8
30	Increasing the Unneddylated Cullin1 Portion Rescues the <i>csn</i> Phenotypes by Stabilizing Adaptor Modules To Drive SCF Assembly. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	7
31	The <i>Neurospora</i> RNA polymerase II kinase CTK negatively regulates catalase expression in a chromatin contextâ€dependent manner. <i>Environmental Microbiology</i> , 2020, 22, 76-90.	3.8	3
32	A reporter for dsRNA response in <i>Neurospora crassa</i> . <i>FEBS Letters</i> , 2011, 585, 906-912.	2.8	1
33	A role for the mitotic proteins Bub3 and BuGZ in transcriptional regulation of catalase-3 expression. <i>PLoS Genetics</i> , 2022, 18, e1010254.	3.5	1
34	HDA-2-Containing Complex Is Required for Activation of <i>Catalase-3</i> Expression in <i>Neurospora crassa</i> . <i>MBio</i> , 0, , .	4.1	1
35	Title is missing!. , 2019, 15, e1008510.		0
36	Title is missing!. , 2019, 15, e1008510.		0

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37	Title is missing!. , 2019, 15, e1008510.		0