Angela RelÃ³gio

List of Publications by Year
in descending order

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39 papers	1,950 citations	361413 20 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	2514 citing authors

#	Article	IF	Citations
1	Optimization of oligonucleotide-based DNA microarrays. Nucleic Acids Research, 2002, 30, 51e-51.	14.5	256
2	Regulation of Clock-Controlled Genes in Mammals. PLoS ONE, 2009, 4, e4882.	2.5	251
3	Anopheles gambiae PGRPLC-Mediated Defense against Bacteria Modulates Infections with Malaria Parasites. PLoS Pathogens, 2009, 5, e1000542.	4.7	207
4	Tuning the Mammalian Circadian Clock: Robust Synergy of Two Loops. PLoS Computational Biology, 2011, 7, e1002309.	3.2	179
5	Ras-Mediated Deregulation of the Circadian Clock in Cancer. PLoS Genetics, 2014, 10, e1004338.	3.5	140
6	The Circadian Clock Regulates Metabolic Phenotype Rewiring Via HKDC1 and Modulates Tumor Progression and Drug Response in Colorectal Cancer. EBioMedicine, 2018, 33, 105-121.	6.1	91
7	Circadian systems biology: When time matters. Computational and Structural Biotechnology Journal, 2015, 13, 417-426.	4.1	77
8	Alternative Splicing Microarrays Reveal Functional Expression of Neuron-specific Regulators in Hodgkin Lymphoma Cells. Journal of Biological Chemistry, 2005, 280, 4779-4784.	3.4	76
9	The Ink4a/Arf locus operates as a regulator of the circadian clock modulating RAS activity. PLoS Biology, 2017, 15, e2002940.	5.6	47
10	The Circadian Clock, the Immune System, and Viral Infections: The Intricate Relationship Between Biological Time and Host-Virus Interaction. Pathogens, 2020, 9, 83.	2.8	45
11	Clock-genes and mitochondrial respiratory activity: Evidence of a reciprocal interplay. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1344-1351.	1.0	44
12	Assembly of a Comprehensive Regulatory Network for the Mammalian Circadian Clock: A Bioinformatics Approach. PLoS ONE, 2015, 10, e0126283.	2.5	43
13	Clock genes-dependent acetylation of complex I sets rhythmic activity of mitochondrial OxPhos. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 596-606.	4.1	38
14	A Systems-Level Analysis Reveals Circadian Regulation of Splicing in Colorectal Cancer. EBioMedicine, 2018, 33, 68-81.	6.1	32
15	The Interplay between Colon Cancer Cells and Tumour-Associated Stromal Cells Impacts the Biological Clock and Enhances Malignant Phenotypes. Cancers, 2019, 11, 988.	3.7	32
16	The importance of determining circadian parameters in pharmacological studies. British Journal of Pharmacology, 2019, 176, 2827-2847.	5.4	30
17	The reciprocal interplay between TNFÎ± and the circadian clock impacts on cell proliferation and migration in Hodgkin lymphoma cells. Scientific Reports, 2018, 8, 11474.	3.3	26
18	A Computational Analysis of Alternative Splicing across Mammalian Tissues Reveals Circadian and Ultradian Rhythms in Splicing Events. International Journal of Molecular Sciences, 2019, 20, 3977.	4.1	26

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19	An Optimal Time for Treatmentâ€"Predicting Circadian Time by Machine Learning and Mathematical Modelling. Cancers, 2020, 12, 3103.	3.7	25
20	Diurnal variations in the expression of core-clock genes correlate with resting muscle properties and predict fluctuations in exercise performance across the day. BMJ Open Sport and Exercise Medicine, 2021, 7, e000876.	2.9	25
21	A mathematical model of the circadian clock and drug pharmacology to optimize irinotecan administration timing in colorectal cancer. Computational and Structural Biotechnology Journal, 2021, 19, 5170-5183.	4.1	25
22	Escaping Circadian Regulation: An Emerging Hallmark of Cancer?. Cell Systems, 2018, 6, 266-267.	6.2	22
23	The Core-Clock Gene NR1D1 Impacts Cell Motility In Vitro and Invasiveness in a Zebrafish Xenograft Colon Cancer Model. Cancers, 2020, 12, 853.	3.7	21
24	The Rhythmicity of Clock Genes is Disrupted in the Choroid Plexus of the APP/PS1 Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2020, 77, 795-806.	2.6	20
25	Systematic Analysis of Mouse Genome Reveals Distinct Evolutionary and Functional Properties Among Circadian and Ultradian Genes. Frontiers in Physiology, 2018, 9, 1178.	2.8	19
26	Long-term continuous positive airway pressure treatment ameliorates biological clock disruptions in obstructive sleep apnea. EBioMedicine, 2021, 65, 103248.	6.1	18
27	Itâ€™s About Time: The Circadian Network as Time-Keeper for Cognitive Functioning, Locomotor Activity and Mental Health. Frontiers in Physiology, 2022, 13, 873237.	2.8	16
28	Analysis of the Circadian Regulation of Cancer Hallmarks by a Cross-Platform Study of Colorectal Cancer Time-Series Data Reveals an Association with Genes Involved in Huntingtonâ€™s Disease. Cancers, 2020, 12, 963.	3.7	15
29	A Computational Analysis in a Cohort of Parkinsonâ€™s Disease Patients and Clock-Modified Colorectal Cancer Cells Reveals Common Expression Alterations in Clock-Regulated Genes. Cancers, 2021, 13, 5978.	3.7	14
30	Analysis of more than 20,000 injuries in European professional football by using a citizen science-based approach: An opportunity for epidemiological research?. Journal of Science and Medicine in Sport, 2022, 25, 300-305.	1.3	12
31	A bioinformatic analysis identifies circadian expression of splicing factors and time-dependent alternative splicing events in the HD-MY-Z cell line. Scientific Reports, 2019, 9, 11062.	3.3	11
32	Circadian Dysregulation of the TGFÎ²/SMAD4 Pathway Modulates Metastatic Properties and Cell Fate Decisions in Pancreatic Cancer Cells. IScience, 2020, 23, 101551.	4.1	11
33	Effect of naive and cancer-educated fibroblasts on colon cancer cell circadian growth rhythm. Cell Death and Disease, 2020, 11, 289.	6.3	10
34	Core-Clock Genes Regulate Proliferation and Invasion via a Reciprocal Interplay with MACC1 in Colorectal Cancer Cells. Cancers, 2022, 14, 3458.	3.7	10
35	A Multi-Layered Study on Harmonic Oscillations in Mammalian Genomics and Proteomics. International Journal of Molecular Sciences, 2019, 20, 4585.	4.1	9
36	Circadian regulation of physiology: Relevance for space medicine. Reach, 2019, 14-15, 100029.	0.7	8

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37	A Mathematical Model of Lysosomal Ion Homeostasis Points to Differential Effects of Clâ^' Transport in Ca2+ Dynamics. Cells, 2019, 8, 1263.	4.1	8
38	Temporal Splicing Switches in Elements of the TNF-Pathway Identified by Computational Analysis of Transcriptome Data for Human Cell Lines. International Journal of Molecular Sciences, 2019, 20, 1182.	4.1	7
39	Transcriptome analysis of clock disrupted cancer cells reveals differential alternative splicing of cancer hallmarks genes. Npj Systems Biology and Applications, 2022, 8, 17.	3.0	4