

Gianluigi Mazzocchi

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

4,401
citations

109264

35
h-index

168321

53
g-index

187
all docs

187
docs citations

187
times ranked

7336
citing authors

#	ARTICLE	IF	CITATIONS
1	Crosstalk between the circadian clock circuitry and the immune system. <i>Chronobiology International</i> , 2013, 30, 870-888.	0.9	235
2	Clock Genes and Clock-Controlled Genes in the Regulation of Metabolic Rhythms. <i>Chronobiology International</i> , 2012, 29, 227-251.	0.9	140
3	Mirna Expression Profiles Identify Drivers in Colorectal and Pancreatic Cancers. <i>PLoS ONE</i> , 2012, 7, e33663.	1.1	138
4	Clock Gene Expression Levels and Relationship With Clinical and Pathological Features in Colorectal Cancer Patients. <i>Chronobiology International</i> , 2011, 28, 841-851.	0.9	123
5	ARNTL2 and SERPINE1: potential biomarkers for tumor aggressiveness in colorectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 501-511.	1.2	104
6	The Circadian Clock Regulates Metabolic Phenotype Rewiring Via HKDC1 and Modulates Tumor Progression and Drug Response in Colorectal Cancer. <i>EBioMedicine</i> , 2018, 33, 105-121.	2.7	91
7	Redox Homeostasis and Epigenetics in Non-alcoholic Fatty Liver Disease (NAFLD). <i>Current Pharmaceutical Design</i> , 2013, 19, 2737-2746.	0.9	87
8	DNA Hypomethylation and Histone Variant macroH2A1 Synergistically Attenuate Chemotherapy-Induced Senescence to Promote Hepatocellular Carcinoma Progression. <i>Cancer Research</i> , 2016, 76, 594-606.	0.4	76
9	Sympathetic Nervous System Catecholamines and Neuropeptide Y Neurotransmitters Are Upregulated in Human NAFLD and Modulate the Fibrogenic Function of Hepatic Stellate Cells. <i>PLoS ONE</i> , 2013, 8, e72928.	1.1	71
10	Proteomic screening identifies calreticulin as a miR-27a direct target repressing MHC class I cell surface exposure in colorectal cancer. <i>Cell Death and Disease</i> , 2016, 7, e2120-e2120.	2.7	65
11	Immunopositivity for Histone MacroH2A1 Isoforms Marks Steatosis-Associated Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2013, 8, e54458.	1.1	63
12	Altered expression of the clock gene machinery in kidney cancer patients. <i>Biomedicine and Pharmacotherapy</i> , 2012, 66, 175-179.	2.5	59
13	Aging signaling pathways and circadian clock-dependent metabolic derangements. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 229-237.	3.1	59
14	Hypermethylated levels of E-cadherin promoter in Huh-7 cells expressing the HCV core protein. <i>Virus Research</i> , 2011, 160, 74-81.	1.1	58
15	The miR-27a-calreticulin axis affects drug-induced immunogenic cell death in human colorectal cancer cells. <i>Cell Death and Disease</i> , 2016, 7, e2108-e2108.	2.7	58
16	Alterations of Clock Gene RNA Expression in Brain Regions of a Triple Transgenic Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 615-631.	1.2	57
17	Non-alcoholic fatty liver disease: the role of nuclear receptors and circadian rhythmicity. <i>Liver International</i> , 2014, 34, 1133-1152.	1.9	56
18	DNA Methyltransferases 1 and 3b Expression in Huh-7 Cells Expressing HCV Core Protein of Different Genotypes. <i>Digestive Diseases and Sciences</i> , 2012, 57, 1598-1603.	1.1	55

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19	Friend or foe?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1867, 1-18.	3.3	54
20	High-confidence assessment of functional impact of human mitochondrial non-synonymous genome variations by APOGEE. <i>PLoS Computational Biology</i> , 2017, 13, e1005628.	1.5	54
21	Anti-tumor necrosis factor- α therapy and changes of flow-mediated vasodilatation in psoriatic and rheumatoid arthritis patients. <i>Internal and Emergency Medicine</i> , 2010, 5, 495-500.	1.0	52
22	SIRT1-metabolite binding histone macroH2A1.1 protects hepatocytes against lipid accumulation. <i>Aging</i> , 2014, 6, 35-47.	1.4	51
23	The circadian clock circuitry and the AHR signaling pathway in physiology and pathology. <i>Biochemical Pharmacology</i> , 2013, 85, 1405-1416.	2.0	50
24	Systematic analysis of circadian genes using genome-wide cDNA microarrays in the inflammatory bowel disease transcriptome. <i>Chronobiology International</i> , 2015, 32, 903-916.	0.9	50
25	The Biological Clock: A Pivotal Hub in Non-alcoholic Fatty Liver Disease Pathogenesis. <i>Frontiers in Physiology</i> , 2018, 9, 193.	1.3	49
26	A Timeless Link Between Circadian Patterns and Disease. <i>Trends in Molecular Medicine</i> , 2016, 22, 68-81.	3.5	47
27	Biology, Epidemiology, Clinical Aspects of Hepatocellular Carcinoma and the Role of Sorafenib. <i>Current Drug Targets</i> , 2016, 17, 783-799.	1.0	46
28	The Circadian Clock, the Immune System, and Viral Infections: The Intricate Relationship Between Biological Time and Host-Virus Interaction. <i>Pathogens</i> , 2020, 9, 83.	1.2	45
29	Clock-genes and mitochondrial respiratory activity: Evidence of a reciprocal interplay. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1344-1351.	0.5	44
30	Mutual Antagonism between Circadian Protein Period 2 and Hepatitis C Virus Replication in Hepatocytes. <i>PLoS ONE</i> , 2013, 8, e60527.	1.1	43
31	Circadian clock circuitry in colorectal cancer. <i>World Journal of Gastroenterology</i> , 2014, 20, 4197.	1.4	42
32	Toll-like receptor 4 modulation influences human neural stem cell proliferation and differentiation. <i>Cell Death and Disease</i> , 2018, 9, 280.	2.7	39
33	Association Study of a Polymorphism in Clock Gene PERIOD3 and Risk of Inflammatory Bowel Disease. <i>Chronobiology International</i> , 2012, 29, 994-1003.	0.9	38
34	Clock genes-dependent acetylation of complex I sets rhythmic activity of mitochondrial OxPhos. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 596-606.	1.9	38
35	miR-27a is a master regulator of metabolic reprogramming and chemoresistance in colorectal cancer. <i>British Journal of Cancer</i> , 2020, 122, 1354-1366.	2.9	38
36	Interplay between SOX9, β -catenin and PPAR α activation in colorectal cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1853-1865.	1.9	36

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37	Behçet syndrome: from pathogenesis to novel therapies. <i>Clinical and Experimental Medicine</i> , 2016, 16, 1-12.	1.9	36
38	Molecular bases of circadian rhythmicity in renal physiology and pathology. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2421-2431.	0.4	35
39	Amphiregulin activates human hepatic stellate cells and is upregulated in non alcoholic steatohepatitis. <i>Scientific Reports</i> , 2015, 5, 8812.	1.6	35
40	Deregulated expression of cryptochrome genes in human colorectal cancer. <i>Molecular Cancer</i> , 2016, 15, 6.	7.9	34
41	Body composition: Where and when. <i>European Journal of Radiology</i> , 2016, 85, 1456-1460.	1.2	34
42	Tryptophan Metabolites and Aryl Hydrocarbon Receptor in Severe Acute Respiratory Syndrome, Coronavirus-2 (SARS-CoV-2) Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1597.	1.8	34
43	Time related variations in stem cell harvesting of umbilical cord blood. <i>Scientific Reports</i> , 2016, 6, 21404.	1.6	33
44	The Interplay between Colon Cancer Cells and Tumour-Associated Stromal Cells Impacts the Biological Clock and Enhances Malignant Phenotypes. <i>Cancers</i> , 2019, 11, 988.	1.7	32
45	Anti-correlation between longevity gene SirT1 and Notch signaling in ascending aorta biopsies from patients with bicuspid aortic valve disease. <i>Heart and Vessels</i> , 2013, 28, 268-275.	0.5	31
46	Extracellular Superoxide Dismutase Expression in Papillary Thyroid Cancer Mesenchymal Stem/Stromal Cells Modulates Cancer Cell Growth and Migration. <i>Scientific Reports</i> , 2017, 7, 41416.	1.6	31
47	Altered time structure of neuro-endocrine-immune system function in lung cancer patients. <i>BMC Cancer</i> , 2010, 10, 314.	1.1	30
48	A timetable of 24-hour patterns for human lymphocyte subpopulations. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2011, 25, 387-95.	0.7	28
49	Immune System Alterations in Lung Cancer Patients. <i>International Journal of Immunopathology and Pharmacology</i> , 2003, 16, 167-174.	1.0	27
50	Management strategies for hepatocellular carcinoma: old certainties and new realities. <i>Clinical and Experimental Medicine</i> , 2016, 16, 243-256.	1.9	27
51	Parkin Mutation Affects Clock Gene-Dependent Energy Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2772.	1.8	27
52	Circadian Variations of Cortisol, Melatonin and Lymphocyte Subpopulations in Geriatric Age. <i>International Journal of Immunopathology and Pharmacology</i> , 2010, 23, 289-296.	1.0	26
53	The reciprocal interplay between TNF α and the circadian clock impacts on cell proliferation and migration in Hodgkin lymphoma cells. <i>Scientific Reports</i> , 2018, 8, 11474.	1.6	26
54	Klotho at the Edge of Alzheimer's Disease and Senile Depression. <i>Molecular Neurobiology</i> , 2019, 56, 1908-1920.	1.9	26

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55	PPARs Signaling and Cancer in the Gastrointestinal System. <i>PPAR Research</i> , 2012, 2012, 1-10.	1.1	25
56	Peroxisome proliferator-activated receptor β -mediated induction of microRNA-145 opposes tumor phenotype in colorectal cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1225-1236.	1.9	25
57	Clock Genes, Metabolism, and Cardiovascular Risk. <i>Heart Failure Clinics</i> , 2017, 13, 645-655.	1.0	25
58	Morphofunctional and signaling molecules overlap of the pineal gland and thymus: role and significance in aging. <i>Oncotarget</i> , 2016, 7, 11972-11983.	0.8	25
59	Analysis of clock gene-miRNA correlation networks reveals candidate drivers in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 45444-45461.	0.8	25
60	The hypothalamic-pituitary-thyroid axis and melatonin in humans: possible interactions in the control of body temperature. <i>Neuroendocrinology Letters</i> , 2004, 25, 368-72.	0.2	25
61	The circadian clock and the hypoxic response pathway in kidney cancer. <i>Tumor Biology</i> , 2014, 35, 1-7.	0.8	24
62	Caloric restriction and aging stem cells: The stick and the carrot?. <i>Experimental Gerontology</i> , 2014, 50, 137-148.	1.2	24
63	Circadian rhythmicity of lymphocyte subpopulations and relationship with neuro-endocrine system. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2010, 24, 341-50.	0.7	24
64	Time-Related Dynamics of Variation in Core Clock Gene Expression Levels in Tissues Relevant to the Immune System. <i>International Journal of Immunopathology and Pharmacology</i> , 2011, 24, 869-879.	1.0	23
65	Idiopathic deep venous thrombosis and arterial endothelial dysfunction in the elderly. <i>Age</i> , 2012, 34, 751-760.	3.0	23
66	Molecular dynamics recipes for genome research. <i>Briefings in Bioinformatics</i> , 2018, 19, 853-862.	3.2	23
67	Glioma: Tryptophan Catabolite and Melatonergic Pathways Link microRNA, 14-3-3, Chromosome 4q35, Epigenetic Processes and other Glioma Biochemical Changes. <i>Current Pharmaceutical Design</i> , 2016, 22, 1033-1048.	0.9	23
68	Age-related changes of neuro-endocrine-immune interactions in healthy humans. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 1997, 11, 143-7.	0.7	23
69	Melatonin and cortisol serum levels in lung cancer patients at different stages of disease. <i>Medical Science Monitor</i> , 2005, 11, CR284-288.	0.5	23
70	Decreased serum levels of insulin-like growth factor (IGF)-I in patients with lung cancer: temporal relationship with growth hormone (GH) levels. <i>Anticancer Research</i> , 1999, 19, 1397-9.	0.5	22
71	Prolonged Remission of Neuro-Behcet Disease following Autologous Transplantation. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 91-96.	1.0	21
72	Aryl Hydrocarbon Receptor Role in Co-Ordinating SARS-CoV-2 Entry and Symptomatology: Linking Cytotoxicity Changes in COVID-19 and Cancers; Modulation by Racial Discrimination Stress. <i>Biology</i> , 2020, 9, 249.	1.3	21

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73	SIRT1 and circadian gene expression in pancreatic ductal adenocarcinoma: Effect of starvation. <i>Chronobiology International</i> , 2015, 32, 497-512.	0.9	20
74	Genetic ablation of macrohistone H2A1 leads to increased leanness, glucose tolerance and energy expenditure in mice fed a high-fat diet. <i>International Journal of Obesity</i> , 2015, 39, 331-338.	1.6	20
75	The Role of Prenatal Melatonin in the Regulation of Childhood Obesity. <i>Biology</i> , 2020, 9, 72.	1.3	20
76	Cardioprotective mIGF-1/SIRT1 signaling induces hypertension, leukocytosis and fear response in mice. <i>Aging</i> , 2012, 4, 402-416.	1.4	20
77	Hypothalamus-hypophysis-thyroid axis function in healthy aging. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2010, 24, 433-9.	0.7	20
78	Chronodisruption in lung cancer and possible therapeutic approaches. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 500-508.	2.5	19
79	Differential Patterns in the Periodicity and Dynamics of Clock Gene Expression in Mouse Liver and Stomach. <i>Chronobiology International</i> , 2012, 29, 1300-1311.	0.9	19
80	Comparison of circadian characteristics for cytotoxic lymphocyte subsets in non-small cell lung cancer patients versus controls. <i>Clinical and Experimental Medicine</i> , 2012, 12, 181-194.	1.9	19
81	An association study between epicardial fat thickness and cognitive impairment in the elderly. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1269-H1276.	1.5	19
82	Systematic Analysis of Mouse Genome Reveals Distinct Evolutionary and Functional Properties Among Circadian and Ultradian Genes. <i>Frontiers in Physiology</i> , 2018, 9, 1178.	1.3	19
83	Left Ventricular Hypertrophy: Roles of Mitochondria CYP1B1 and Melatonergic Pathways in Co-Ordinating Wider Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4068.	1.8	19
84	REV-ERB α and the clock gene machinery in mouse peripheral tissues: a possible role as a synchronizing hinge. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2012, 26, 265-76.	0.7	19
85	The expression of leucine-rich repeat gene family members in colorectal cancer. <i>Experimental Biology and Medicine</i> , 2012, 237, 1123-1128.	1.1	18
86	Melatonin, Its Beneficial Effects on Embryogenesis from Mitigating Oxidative Stress to Regulating Gene Expression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5885.	1.8	18
87	Loss of circadian gene Timeless induces EMT and tumor progression in colorectal cancer via Zeb1-dependent mechanism. <i>Cell Death and Differentiation</i> , 2022, 29, 1552-1568.	5.0	18
88	Effects of hypercapnia on peripheral vascular reactivity in elderly patients with acute exacerbation of chronic obstructive pulmonary disease. <i>Clinical Interventions in Aging</i> , 2014, 9, 871.	1.3	17
89	Clinical Approach to Diabetic Cardiomyopathy: A Review of Human Studies. <i>Current Medicinal Chemistry</i> , 2018, 25, 1510-1524.	1.2	17
90	SIRT1 and the Clock Gene Machinery in Colorectal Cancer. <i>Cancer Investigation</i> , 2012, 30, 98-105.	0.6	16

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91	Neural Stem Cells from Shank3-ko Mouse Model Autism Spectrum Disorders. <i>Molecular Neurobiology</i> , 2020, 57, 1502-1515.	1.9	16
92	Neuroendocrine-immune interactions in healthy aging. <i>Geriatrics and Gerontology International</i> , 2011, 11, 98-106.	0.7	15
93	Circadian transcriptome analysis in human fibroblasts from Hunter syndrome and impact of iduronate-2-sulfatase treatment. <i>BMC Medical Genomics</i> , 2013, 6, 37.	0.7	15
94	A ticking clock links metabolic pathways and organ systems function in health and disease. <i>Clinical and Experimental Medicine</i> , 2014, 14, 133-140.	1.9	15
95	Mitochondrial calcium drives clock gene-dependent activation of pyruvate dehydrogenase and of oxidative phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118815.	1.9	15
96	Neuro-endocrine correlations of hypothalamic-pituitary-thyroid axis in healthy humans. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2011, 25, 249-57.	0.7	15
97	Epicardial adipose tissue and idiopathic deep venous thrombosis: An association study. <i>Atherosclerosis</i> , 2012, 223, 378-383.	0.4	14
98	The TRPA1 channel is a cardiac target of mIGF-1/SIRT1 signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H939-H944.	1.5	14
99	Multifaceted enrichment analysis of RNA-RNA crosstalk reveals cooperating micro-societies in human colorectal cancer. <i>Nucleic Acids Research</i> , 2016, 44, 4025-4036.	6.5	14
100	Retinoid X Receptors Intersect the Molecular Clockwork in the Regulation of Liver Metabolism. <i>Frontiers in Endocrinology</i> , 2017, 8, 24.	1.5	14
101	A Role for the Biological Clock in Liver Cancer. <i>Cancers</i> , 2019, 11, 1778.	1.7	14
102	Lymphocyte subpopulations anomalies in lung cancer patients and relationship to the stage of disease. <i>In Vivo</i> , 1999, 13, 205-9.	0.6	14
103	The timing clockwork of life. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2011, 25, 137-43.	0.7	14
104	Circasemidian rather than circadian variation of circulating osteoprotegerin in clinical health. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, S225-S228.	2.5	13
105	Alteration of Hypothalamic-Pituitary-Thyroid Axis Function in Non-Small-Cell Lung Cancer Patients. <i>Integrative Cancer Therapies</i> , 2012, 11, 327-336.	0.8	13
106	Histone variants and lipid metabolism. <i>Biochemical Society Transactions</i> , 2014, 42, 1409-1413.	1.6	13
107	A method to evaluate dynamics and periodicity of hormone secretion. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2011, 25, 231-8.	0.7	13
108	Clock gene expression in mouse kidney and testis: analysis of periodical and dynamical patterns. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2012, 26, 303-11.	0.7	13

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109	Aging related changes of circadian rhythmicity of cytotoxic lymphocyte subpopulations. <i>Journal of Circadian Rhythms</i> , 2014, 8, 6.	2.9	12
110	Reciprocal Interactions of Mitochondria and the Neuroimmunoendocrine System in Neurodegenerative Disorders: An Important Role for Melatonin Regulation. <i>Frontiers in Physiology</i> , 2018, 9, 199.	1.3	12
111	A primary tumor gene expression signature identifies a crucial role played by tumor stroma myofibroblasts in lymph node involvement in oral squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 104913-104927.	0.8	12
112	Neuroendocrine alterations in lung cancer patients. <i>Neuroendocrinology Letters</i> , 2003, 24, 77-82.	0.2	12
113	Alteration of circadian rhythmicity of CD3+CD4+ lymphocyte subpopulation in healthy aging. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2011, 25, 405-16.	0.7	12
114	Change of β 1TCR-Expressing T Cells in Healthy Aging. <i>International Journal of Immunopathology and Pharmacology</i> , 2011, 24, 201-209.	1.0	11
115	Circadian Aspects of Growth Hormone-Insulin-Like Growth Factor Axis Function in Patients With Lung Cancer. <i>Clinical Lung Cancer</i> , 2012, 13, 68-74.	1.1	11
116	Digital ulcers in scleroderma patients: A retrospective observational study. <i>International Journal of Immunopathology and Pharmacology</i> , 2016, 29, 180-187.	1.0	11
117	A Lipidomic Signature Complements Stemness Features Acquisition in Liver Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8452.	1.8	11
118	Melatonin and Sirtuins in Buccal Epithelium: Potential Biomarkers of Aging and Age-Related Pathologies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8134.	1.8	11
119	Exploitation of host clock gene machinery by hepatitis viruses B and C. <i>World Journal of Gastroenterology</i> , 2013, 19, 8902.	1.4	11
120	A possible mechanism for altered immune response in the elderly. <i>In Vivo</i> , 2010, 24, 471-87.	0.6	11
121	Rheumatoid arthritis and the biological clock. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 687-695.	1.3	10
122	Effect of naive and cancer-educated fibroblasts on colon cancer cell circadian growth rhythm. <i>Cell Death and Disease</i> , 2020, 11, 289.	2.7	10
123	Arterial endothelial dysfunction and idiopathic deep venous thrombosis. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2011, 25, 565-73.	0.7	10
124	Peroxisome Proliferator-Activated Receptor Gamma and Regulations by the Ubiquitin-Proteasome System in Pancreatic Cancer. <i>PPAR Research</i> , 2012, 2012, 1-13.	1.1	9
125	Hormone and Cytokine Circadian Alteration in Non-Small Cell Lung Cancer Patients. <i>International Journal of Immunopathology and Pharmacology</i> , 2012, 25, 691-702.	1.0	9
126	A unifying working hypothesis for juvenile polyposis syndrome and Cronquist's disease: Specific localization or concomitant occurrence of a separate entity?. <i>Digestive and Liver Disease</i> , 2012, 44, 952-956.	0.4	9

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127	A Multi-Layered Study on Harmonic Oscillations in Mammalian Genomics and Proteomics. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4585.	1.8	9
128	The melatonergic pathway and its interactions in modulating respiratory system disorders. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111397.	2.5	9
129	Antiphase signalling in the neuroendocrine-immune system in healthy humans. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 275-279.	2.5	8
130	Influence of the Gly1057Asp variant of the insulin receptor substrate 2 (IRS2) on insulin resistance and relationship with epicardial fat thickness in the elderly. <i>Experimental Gerontology</i> , 2012, 47, 988-993.	1.2	8
131	Determination of whole body circadian phase in lung cancer patients: Melatonin vs. cortisol. <i>Cancer Epidemiology</i> , 2012, 36, e46-e53.	0.8	8
132	The circadecadal rhythm of oscillation of umbilical cord blood parameters correlates with geomagnetic activity – An analysis of long-term measurements (1999–2011). <i>Chronobiology International</i> , 2016, 33, 1136-1147.	0.9	8
133	Clock gene expression in human and mouse hepatic models shows similar periodicity but different dynamics of variation. <i>Chronobiology International</i> , 2016, 33, 181-190.	0.9	8
134	Time-Qualified Patterns of Variation of PPAR α , DNMT1, and DNMT3B Expression in Pancreatic Cancer Cell Lines. <i>PPAR Research</i> , 2012, 2012, 1-8.	1.1	7
135	Age-related changes of epicardial fat thickness. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 38-41.	0.9	7
136	A linear mixed model approach to compare the evolution of multiple biological rhythms. <i>Statistics in Medicine</i> , 2013, 32, 1125-1135.	0.8	7
137	The Biological Clock and the Molecular Basis of Lysosomal Storage Diseases. <i>JIMD Reports</i> , 2014, 18, 93-105.	0.7	7
138	Functional Impact of Autophagy-Related Genes on the Homeostasis and Dynamics of Pancreatic Cancer Cell Lines. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015, 12, 667-678.	1.9	7
139	The synovio-entheseal complex in enthesoarthritis. <i>Clinical and Experimental Medicine</i> , 2016, 16, 109-124.	1.9	7
140	Insights into the molecular pathogenesis of cardiospondylocarpofacial syndrome: MAP3K7 c.737-7AA>G variant alters the TGF β -mediated I α -SMA cytoskeleton assembly and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165742.	1.8	7
141	Chronobiologic study of the GH-IGF1 axis and the ageing immune system. <i>Journal of Applied Biomedicine</i> , 2010, 8, 213-226.	0.6	6
142	Stage dependent destructuration of neuro-endocrine-immune system components in lung cancer patients. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 69-76.	2.5	6
143	Cardio-Hepatic Metabolic Derangements and Valproic Acid. <i>Current Clinical Pharmacology</i> , 2014, 9, 165-170.	0.2	6
144	Continuity of care: an Italian clinical experience. <i>Internal and Emergency Medicine</i> , 2013, 8, 595-599.	1.0	5

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145	TAB2 c.1398dup variant leads to haploinsufficiency and impairs extracellular matrix homeostasis. <i>Human Mutation</i> , 2019, 40, 1886-1898.	1.1	5
146	Daylight saving time and circadian rhythms in the neuro-endocrine-immune system: impact on cardiovascular health. <i>Internal and Emergency Medicine</i> , 2019, 14, 17-19.	1.0	5
147	Intermediate neoadjuvant radiotherapy for T3 low/middle rectal cancer: postoperative outcomes of a non-controlled clinical trial. <i>Oncotarget</i> , 2014, 5, 11143-11153.	0.8	5
148	COVID-19 Specific Immune Markers Revealed by Single Cell Phenotypic Profiling. <i>Biomedicines</i> , 2021, 9, 1794.	1.4	5
149	The transcriptional regulators, the immune system and the the circadian clock. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2013, 27, 9-22.	0.7	5
150	Chronobiology Meets Quantum Biology: A New Paradigm Overlooking the Horizon?. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	5
151	Copy number variations in healthy subjects. Case study: iPSC line CSSi005-A (3544) production from an individual with variation in 15q13.3 chromosome duplicating gene CHRNA7. <i>Stem Cell Research</i> , 2018, 32, 73-77.	0.3	4
152	Computed-tomographic-guided biopsy of thoracic nodules: a revision of 583 lesions. <i>Clinica Terapeutica</i> , 2007, 158, 509-13.	0.1	4
153	Chronobiologic study of neuro-endocrine axis hormone sequence signalling in healthy men. <i>Biomedicine and Aging Pathology</i> , 2011, 1, 129-137.	0.8	3
154	Opposing circadian rhythms of CD3+, CD4+ and CD3+, CD8+ lymphocyte subpopulations in healthy humans. <i>Biological Rhythm Research</i> , 2011, 42, 111-118.	0.4	3
155	Colorectal cancer prognosis and PPAR γ expression in the tumor microenvironment. <i>Journal of Gastroenterology</i> , 2014, 49, 564-565.	2.3	3
156	Aryl hydrocarbon receptor fibroblast growth factor 21 dissociation of fatty liver from insulin resistance: A timely matter?. <i>Hepatology</i> , 2016, 63, 1396-1397.	3.6	3
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