

# Laura C Roden

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,720  
citations

361413

20  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lights, Rhythms, Infection: The Role of Light and the Circadian Clock in Determining the Outcome of Plant-Pathogen Interactions. <i>Plant Cell</i> , 2009, 21, 2546-2552.	6.6	195
2	Osteoinductive hydroxyapatite-coated titanium implants. <i>Biomaterials</i> , 2012, 33, 3813-3823.	11.4	155
3	The induction of bone formation by coral-derived calcium carbonate/hydroxyapatite constructs. <i>Biomaterials</i> , 2009, 30, 1428-1439.	11.4	150
4	Defence Responses of <i>Arabidopsis thaliana</i> to Infection by <i>Pseudomonas syringae</i> Are Regulated by the Circadian Clock. <i>PLoS ONE</i> , 2011, 6, e26968.	2.5	145
5	Floral responses to photoperiod are correlated with the timing of rhythmic expression relative to dawn and dusk in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13313-13318.	7.1	108
6	Factors to consider when assessing diurnal variation in sports performance: the influence of chronotype and habitual training time-of-day. <i>European Journal of Applied Physiology</i> , 2015, 115, 1339-1349.	2.5	99
7	Initiation of Bone Regeneration in Adult Baboons by Osteogenin, a Bone Morphogenetic Protein. <i>Matrix Biology</i> , 1992, 12, 369-380.	1.7	96
8	Jasmonate signalling drives time-of-day differences in susceptibility of <i>Arabidopsis</i> to the fungal pathogen <i>Botrytis cinerea</i> . <i>Plant Journal</i> , 2015, 84, 937-948.	5.7	81
9	Chronotype and <i>PERIOD3</i> Variable Number Tandem Repeat Polymorphism in Individual Sports Athletes. <i>Chronobiology International</i> , 2012, 29, 1004-1010.	2.0	55
10	A chronotype comparison of South African and Dutch marathon runners: The role of scheduled race start times and effects on performance. <i>Chronobiology International</i> , 2015, 32, 858-868.	2.0	44
11	Comparison between an African town and a neighbouring village shows delayed, but not decreased, sleep during the early stages of urbanisation. <i>Scientific Reports</i> , 2017, 7, 5697.	3.3	43
12	The effects of sleep extension on cardiometabolic risk factors: A systematic review. <i>Journal of Sleep Research</i> , 2019, 28, e12865.	3.2	41
13	Initiation of Heterotopic Osteogenesis in Primates after Chromatographic Adsorption of Osteogenin, a Bone Morphogenetic Protein, onto Porous Hydroxyapatite. <i>Biochemical and Biophysical Research Communications</i> , 1993, 193, 509-517.	2.1	40
14	One night of partial sleep deprivation impairs recovery from a single exercise training session. <i>European Journal of Applied Physiology</i> , 2017, 117, 699-712.	2.5	39
15	Picking out parallels: plant circadian clocks in context. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 1735-1743.	4.0	30
16	Perception of effort in morning-type cyclists is lower when exercising in the morning. <i>Journal of Sports Sciences</i> , 2014, 32, 917-925.	2.0	30
17	Impact of seasons on an individual's chronotype: current perspectives. <i>Nature and Science of Sleep</i> , 2018, Volume 10, 345-354.	2.7	28
18	A small-scale RNA isolation protocol useful for high-throughput extractions from recalcitrant plants. <i>South African Journal of Botany</i> , 2010, 76, 375-379.	2.5	26

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19	Induction of bone formation by transforming growth factor $\beta$ 2 in the non-human primate <i>Papio ursinus</i> and its modulation by skeletal muscle responding stem cells. <i>Cell Proliferation</i> , 2010, 43, 207-218.	5.3	26
20	Biomimetic Matrices Self-Initiating the Induction of Bone Formation. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 1859-1870.	0.7	26
21	The tumour suppressing role of the circadian clock. <i>IUBMB Life</i> , 2019, 71, 771-780.	3.4	21
22	Associations between sleep parameters, non-communicable diseases, HIV status and medications in older, rural South Africans. <i>Scientific Reports</i> , 2018, 8, 17321.	3.3	20
23	Duplication of the Asymmetric Leaves1/Rough Sheath 2/Phantastica (ARP) gene precedes the explosive radiation of the Ruschioideae. <i>Development Genes and Evolution</i> , 2009, 219, 331-338.	0.9	19
24	Impact of chronotype on athletic performance: current perspectives. <i>ChronoPhysiology and Therapy</i> , 0, Volume 7, 1-6.	0.5	19
25	The molecular genetics of circadian rhythms in Arabidopsis. <i>Seminars in Cell and Developmental Biology</i> , 2001, 12, 305-315.	5.0	17
26	Biomimetics for the induction of bone formation. <i>Expert Review of Medical Devices</i> , 2010, 7, 469-479.	2.8	17
27	Associations between long self-reported sleep, obesity and insulin resistance in a cohort of premenopausal Black and White South African women. <i>Sleep Health</i> , 2018, 4, 558-564.	2.5	17
28	Chronotype of South African adults is affected by solar entrainment. <i>Chronobiology International</i> , 2016, 33, 315-323.	2.0	16
29	Transgenic analysis of sugar beet xyloglucan endo-transglucosylase/hydrolaseBv-XTH1andBv-XTH2promoters reveals overlapping tissue-specific and wound-inducible expression profiles. <i>Plant Biotechnology Journal</i> , 2004, 2, 127-139.	8.3	15
30	Chronotype distribution in professional rugby players: Evidence for the environment hypothesis?. <i>Chronobiology International</i> , 2017, 34, 762-772.	2.0	15
31	Associations Between Self-Reported Sleep Duration and Mortality in Employed Individuals: Systematic Review and Meta-Analysis. <i>American Journal of Health Promotion</i> , 2021, 35, 853-865.	1.7	14
32	The Expression of the Molecular Chaperone Calnexin Is Decreased in Cancer Cells Grown as Colonies Compared to Monolayer. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 66-70.	2.1	12
33	Circadian Regulation of Plant Immunity to Pathogens. <i>Methods in Molecular Biology</i> , 2014, 1158, 273-283.	0.9	12
34	Circadian Oscillations Persist in Cervical and Esophageal Cancer Cells Displaying Decreased Expression of Tumor-Suppressing Circadian Clock Genes. <i>Molecular Cancer Research</i> , 2020, 18, 1340-1353.	3.4	11
35	Associations between self-reported sleep duration and cardiometabolic risk factors in young African-origin adults from the five-country modeling the epidemiologic transition study (METS). <i>Sleep Health</i> , 2020, 6, 469-477.	2.5	9
36	The COVID-19 Lockdown and Changes in Routine-Oriented Lifestyle Behaviors and Symptoms of Depression, Anxiety, and Insomnia in South Africa. <i>Journal of Physical Activity and Health</i> , 2021, 18, 1046-1057.	2.0	9

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37	Preliminary characterization of floral response of <i>Xerophyta humilis</i> to desiccation, vernalisation, photoperiod and light intensity. <i>Plant Growth Regulation</i> , 2010, 62, 213-216.	3.4	5
38	Assessing the validity and reliability and determining cut-points of the Actiwatch 2 in measuring physical activity. <i>Physiological Measurement</i> , 2020, 41, 085001.	2.1	5
39	Mechanisms by which circadian rhythm disruption may lead to cancer. <i>South African Journal of Science</i> , 2010, 105, .	0.7	3
40	Initiation of Flowering in <i>Protea compacta</i> – <i>Protea neriifolia</i> Hybrid “Carnival” Coincides with Expression of the FLOWERING LOCUS T Homologue. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 372-381.	1.8	3
41	Protocol: precision engineering of plant gene loci by homologous recombination cloning in <i>Escherichia coli</i> . <i>Plant Methods</i> , 2005, 1, 6.	4.3	2
42	Plant circadian networks and responses to the environment. <i>Functional Plant Biology</i> , 2018, 45, 393.	2.1	2
43	<i>Protea</i> hybrid “Carnival” ( <i>P. compacta</i> x <i>P. neriifolia</i> ) expresses multiple copies of a LEAFY homologue involved in floral and vegetative development. <i>South African Journal of Botany</i> , 2015, 98, 52-63.	2.5	0
44	Sleep: a serious contender for the prevention of obesity and non-communicable diseases. <i>Journal of Endocrinology Metabolism and Diabetes of South Africa</i> , 2016, 21, 1-2.	0.2	0
45	P058...Associations between sleep parameters, non-communicable diseases, HIV status and medications in older, rural south africans. , 2019, , .		0
46	The New Frontiers in Bone Tissue Engineering. , 2020, , 1-24.		0