

# Lorna Harries

## List of Publications by Year in descending order

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91  
papers

6,021  
citations

117571

34  
h-index

74108

75  
g-index

95  
all docs

95  
docs citations

95  
times ranked

11182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Replication of Genome-Wide Association Signals in UK Samples Reveals Risk Loci for Type 2 Diabetes. <i>Science</i> , 2007, 316, 1336-1341.	6.0	2,040
2	Methylomic profiling implicates cortical deregulation of ANK1 in Alzheimer's disease. <i>Nature Neuroscience</i> , 2014, 17, 1164-1170.	7.1	488
3	Long non-coding RNAs and human disease. <i>Biochemical Society Transactions</i> , 2012, 40, 902-906.	1.6	242
4	Human aging is characterized by focused changes in gene expression and deregulation of alternative splicing. <i>Aging Cell</i> , 2011, 10, 868-878.	3.0	230
5	Circular RNAs (circRNAs) in Health and Disease. <i>Genes</i> , 2017, 8, 353.	1.0	211
6	Human longevity: 25 genetic loci associated in 389,166 UK biobank participants. <i>Aging</i> , 2017, 9, 2504-2520.	1.4	145
7	Associations between PFOA, PFOS and changes in the expression of genes involved in cholesterol metabolism in humans. <i>Environment International</i> , 2013, 57-58, 2-10.	4.8	141
8	Isomers of the TCF1 gene encoding hepatocyte nuclear factor-1 alpha show differential expression in the pancreas and define the relationship between mutation position and clinical phenotype in monogenic diabetes. <i>Human Molecular Genetics</i> , 2006, 15, 2216-2224.	1.4	115
9	Human longevity is influenced by many genetic variants: evidence from 75,000 UK Biobank participants. <i>Aging</i> , 2016, 8, 547-560.	1.4	113
10	Increased expression of miR-187 in human islets from individuals with type 2 diabetes is associated with reduced glucose-stimulated insulin secretion. <i>Diabetologia</i> , 2014, 57, 122-128.	2.9	102
11	The DDX4E-T interaction mediates translational repression and P-body assembly. <i>Nucleic Acids Research</i> , 2016, 44, 6318-6334.	6.5	97
12	MicroRNAs as Mediators of the Ageing Process. <i>Genes</i> , 2014, 5, 656-670.	1.0	89
13	Changes in splicing factor expression are associated with advancing age in man. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 356-366.	2.2	88
14	Changes in the expression of splicing factor transcripts and variations in alternative splicing are associated with lifespan in mice and humans. <i>Aging Cell</i> , 2016, 15, 903-913.	3.0	79
15	Small molecule modulation of splicing factor expression is associated with rescue from cellular senescence. <i>BMC Cell Biology</i> , 2017, 18, 31.	3.0	71
16	Alterations in LMTK2, MSMB and HNF1B gene expression are associated with the development of prostate cancer. <i>BMC Cancer</i> , 2010, 10, 315.	1.1	69
17	Species-Specific Differences in the Expression of the HNF1A, HNF1B and HNF4A Genes. <i>PLoS ONE</i> , 2009, 4, e7855.	1.1	67
18	The Diabetic Phenotype in <i>HNF4A</i> Mutation Carriers Is Moderated By the Expression of <i>HNF4A</i> Isoforms From the P1 Promoter During Fetal Development. <i>Diabetes</i> , 2008, 57, 1745-1752.	0.3	64

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19	Partial and whole gene deletion mutations of the GCK and HNF1A genes in maturity-onset diabetes of the young. <i>Diabetologia</i> , 2007, 50, 2313-2317.	2.9	59
20	Investigating the Targets of MIR-15a and MIR-16-1 in Patients with Chronic Lymphocytic Leukemia (CLL). <i>PLoS ONE</i> , 2009, 4, e7169.	1.1	58
21	Androgen-regulated transcription of ESRP2 drives alternative splicing patterns in prostate cancer. <i>ELife</i> , 2019, 8, .	2.8	56
22	Advancing age is associated with gene expression changes resembling mTOR inhibition: Evidence from two human populations. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 556-562.	2.2	54
23	Mitochondria-targeted hydrogen sulfide attenuates endothelial senescence by selective induction of splicing factors HNRNPD and SRSF2. <i>Aging</i> , 2018, 10, 1666-1681.	1.4	54
24	Messenger RNA Transcripts of the Hepatocyte Nuclear Factor-1 $\beta$ Gene Containing Premature Termination Codons Are Subject to Nonsense-Mediated Decay. <i>Diabetes</i> , 2004, 53, 500-504.	0.3	50
25	Red blood cell distribution width: Genetic evidence for aging pathways in 116,666 volunteers. <i>PLoS ONE</i> , 2017, 12, e0185083.	1.1	49
26	Splicing regulatory factors, ageing and age-related disease. <i>Ageing Research Reviews</i> , 2017, 36, 165-170.	5.0	48
27	The position of premature termination codons in the hepatocyte nuclear factor $\beta$ 1 gene determines susceptibility to nonsense-mediated decay. <i>Human Genetics</i> , 2005, 118, 214-224.	1.8	45
28	Human genetic variation and its effect on miRNA biogenesis, activity and function. <i>Biochemical Society Transactions</i> , 2014, 42, 1184-1189.	1.6	45
29	Role of microRNAs in the age-associated decline of pancreatic beta cell function in rat islets. <i>Diabetologia</i> , 2016, 59, 161-169.	2.9	44
30	RNA Biology Provides New Therapeutic Targets for Human Disease. <i>Frontiers in Genetics</i> , 2019, 10, 205.	1.1	42
31	Astrocyte senescence may drive alterations in GFAP $\pm$ , CDKN2A p14ARF, and TAU3 transcript expression and contribute to cognitive decline. <i>GeroScience</i> , 2019, 41, 561-573.	2.1	41
32	circRNAs expressed in human peripheral blood are associated with human aging phenotypes, cellular senescence and mouse lifespan. <i>GeroScience</i> , 2020, 42, 183-199.	2.1	40
33	Abnormal splicing of hepatocyte nuclear factor-1 beta in the renal cysts and diabetes syndrome. <i>Diabetologia</i> , 2004, 47, 937-942.	2.9	37
34	An alternative polyadenylation signal in TCF7L2 generates isoforms that inhibit T cell factor/lymphoid-enhancer factor (TCF/LEF)-dependent target genes. <i>Diabetologia</i> , 2011, 54, 3078-3082.	2.9	35
35	Leukocyte <i>CCR2</i> Expression Is Associated with Mini-Mental State Examination Score in Older Adults. <i>Rejuvenation Research</i> , 2012, 15, 395-404.	0.9	34
36	Negligible senescence in naked mole rats may be a consequence of well-maintained splicing regulation. <i>GeroScience</i> , 2020, 42, 633-651.	2.1	34

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37	A Role for SPARC in the Moderation of Human Insulin Secretion. <i>PLoS ONE</i> , 2013, 8, e68253.	1.1	34
38	Targeted Allelic Expression Profiling in Human Islets Identifies <i>cis</i> -Regulatory Effects for Multiple Variants Identified by Type 2 Diabetes Genome-Wide Association Studies. <i>Diabetes</i> , 2015, 64, 1484-1491.	0.3	31
39	A rare SNP in pre-miR-34a is associated with increased levels of miR-34a in pancreatic beta cells. <i>Acta Diabetologica</i> , 2014, 51, 325-329.	1.2	30
40	Islet-expressed circular RNAs are associated with type 2 diabetes status in human primary islets and in peripheral blood. <i>BMC Medical Genomics</i> , 2020, 13, 64.	0.7	30
41	The splice site variant rs11078928 may be associated with a genotype-dependent alteration in expression of GSDMB transcripts. <i>BMC Genomics</i> , 2013, 14, 627.	1.2	29
42	<i>FOXO1</i> and <i>ETV6</i> genes may represent novel regulators of splicing factor expression in cellular senescence. <i>FASEB Journal</i> , 2019, 33, 1086-1097.	0.2	27
43	Diabetes Susceptibility in the Canadian Oji-Cree Population Is Moderated by Abnormal mRNA Processing of <i>HNF1A</i> G319S Transcripts. <i>Diabetes</i> , 2008, 57, 1978-1982.	0.3	26
44	An engaged research study to assess the effect of a "real-world" dietary intervention on urinary bisphenol A (BPA) levels in teenagers. <i>BMJ Open</i> , 2018, 8, e018742.	0.8	26
45	$\beta$ -cell differentiation status in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2016, 18, 1167-1175.	2.2	25
46	Obesity impacts the regulation of miR-10b and its targets in primary breast tumors. <i>BMC Cancer</i> , 2019, 19, 86.	1.1	24
47	Abnormal splicing of hepatocyte nuclear factor 1 alpha in maturity-onset diabetes of the young. <i>Diabetologia</i> , 2002, 45, 1463-1467.	2.9	23
48	CCAAT-enhancer-binding protein $\beta$ expression <i>in vivo</i> is associated with muscle strength. <i>Aging Cell</i> , 2012, 11, 262-268.	3.0	23
49	Gene expression markers of age-related inflammation in two human cohorts. <i>Experimental Gerontology</i> , 2015, 70, 37-45.	1.2	23
50	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. <i>Diabetes</i> , 2016, 65, 3794-3804.	0.3	22
51	Altered cellular redox homeostasis and redox responses under standard oxygen cell culture conditions versus physioxia. <i>Free Radical Biology and Medicine</i> , 2018, 126, 322-333.	1.3	22
52	The <i>VEGFA156b</i> isoform is dysregulated in senescent endothelial cells and may be associated with prevalent and incident coronary heart disease. <i>Clinical Science</i> , 2018, 132, 313-325.	1.8	19
53	Conditional expression of hepatocyte nuclear factor-1 $\beta$ , the maturity-onset diabetes of the young-5 gene product, influences the viability and functional competence of pancreatic $\beta$ -cells. <i>Journal of Endocrinology</i> , 2006, 190, 171-181.	1.2	18
54	MicroRNAs miR-203-3p, miR-664-3p and miR-708-5p are associated with median strain lifespan in mice. <i>Scientific Reports</i> , 2017, 7, 44620.	1.6	17

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55	The transcript expression levels of HNRNPM, HNRNPA0 and AKAP17A splicing factors may be predictively associated with ageing phenotypes in human peripheral blood. <i>Biogerontology</i> , 2019, 20, 649-663.	2.0	17
56	Analysis of haematopoietic chimaerism by quantitative real-time polymerase chain reaction. <i>Bone Marrow Transplantation</i> , 2005, 35, 283-290.	1.3	16
57	A cautionary tale: the non-causal association between type 2 diabetes risk SNP, rs7756992, and levels of non-coding RNA, CDKAL1-v1. <i>Diabetologia</i> , 2015, 58, 745-748.	2.9	16
58	Cellular stressors may alter islet hormone cell proportions by moderation of alternative splicing patterns. <i>Human Molecular Genetics</i> , 2019, 28, 2763-2774.	1.4	16
59	Transcriptomic meta-analysis of disuse muscle atrophy vs. resistance exercise-induced hypertrophy in young and older humans. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 629-645.	2.9	15
60	Dysregulated RNA processing and metabolism: a new hallmark of ageing and provocation for cellular senescence. <i>FEBS Journal</i> , 2023, 290, 1221-1234.	2.2	15
61	Comparison of senescence-associated miRNAs in primary skin and lung fibroblasts. <i>Biogerontology</i> , 2015, 16, 423-434.	2.0	14
62	PFOA and PFOS are associated with reduced expression of the parathyroid hormone 2 receptor (PTH2R) gene in women. <i>Chemosphere</i> , 2015, 120, 555-562.	4.2	14
63	Functional characterisation of ADIPOQ variants using individuals recruited by genotype. <i>Molecular and Cellular Endocrinology</i> , 2016, 428, 49-57.	1.6	12
64	The Common <i>HNF1A</i> Variant I27L Is a Modifier of Age at Diabetes Diagnosis in Individuals With HNF1A-MODY. <i>Diabetes</i> , 2018, 67, 1903-1907.	0.3	12
65	A dynamical systems model for the measurement of cellular senescence. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190311.	1.5	12
66	Alternative splicing in serotonergic system: Implications in neuropsychiatric disorders. <i>Journal of Psychopharmacology</i> , 2019, 33, 1352-1363.	2.0	12
67	Persistence of clinically relevant levels of SARS-CoV2 envelope gene subgenomic RNAs in non-immunocompromised individuals. <i>International Journal of Infectious Diseases</i> , 2022, 116, 418-425.	1.5	12
68	Gene transcripts associated with muscle strength: a CHARGE meta-analysis of 7,781 persons. <i>Physiological Genomics</i> , 2016, 48, 1-11.	1.0	11
69	MicroRNA expression profiling of human islets from individuals with and without Type 2 diabetes: promises and pitfalls. <i>Biochemical Society Transactions</i> , 2012, 40, 800-803.	1.6	10
70	Novel monogenic diabetes mutations in the P2 promoter of the HNF4A gene are associated with impaired function in vitro. <i>Diabetic Medicine</i> , 2010, 27, 631-635.	1.2	9
71	The Longevity-Associated SH2B3 (LNK) Genetic Variant: Selected Aging Phenotypes in 379,758 Subjects. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1656-1662.	1.7	9
72	Dietary restriction in ILSXISS mice is associated with widespread changes in splicing regulatory factor expression levels. <i>Experimental Gerontology</i> , 2019, 128, 110736.	1.2	8

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73	Splicing factor 3B1 hypomethylation is associated with altered SF3B1 transcript expression in older humans. <i>Mechanisms of Ageing and Development</i> , 2014, 135, 50-56.	2.2	7
74	A biallelic SNIP1 Amish founder variant causes a recognizable neurodevelopmental disorder. <i>PLoS Genetics</i> , 2021, 17, e1009803.	1.5	7
75	The species origin of the cellular microenvironment influences markers of beta cell fate and function in EndoC- $\beta$ H1 cells. <i>Experimental Cell Research</i> , 2017, 361, 284-291.	1.2	6
76	Dysregulation of Hnf1b gene expression in cultured beta-cells in response to cytotoxic fatty acid. <i>JOP: Journal of the Pancreas</i> , 2011, 12, 6-10.	1.5	6
77	Alternate mRNA processing of the hepatocyte nuclear factor genes and its role in monogenic diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2006, 1, 715-726.	1.2	5
78	Oxidative Metabolism Genes Are Not Responsive to Oxidative Stress in Rodent Beta Cell Lines. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-5.	3.8	4
79	Comment on Dubois-Laforgue et al. Diabetes, Associated Clinical Spectrum, Long-term Prognosis, and Genotype/Phenotype Correlations in 201 Adult Patients With Hepatocyte Nuclear Factor 1B ( <i>HNF1B</i> ) Molecular Defects. <i>Diabetes Care</i> 2017;40:1436-1443. <i>Diabetes Care</i> , 2018, 41, e7-e7.	4.3	4
80	Targeting Alternative Splicing for Reversal of Cellular Senescence in the Context of Aesthetic Aging. <i>Plastic and Reconstructive Surgery</i> , 2021, 147, 25S-32S.	0.7	4
81	Senotherapeutic Drugs: A New Avenue for Skincare?. <i>Plastic and Reconstructive Surgery</i> , 2021, 148, 21S-26S.	0.7	4
82	Expression Profiling of Type 2 Diabetes Susceptibility Genes in the Pancreatic Islets, Adipose Tissue and Liver of Obese Mice. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, 413-419.	0.6	3
83	miRNAs responsive to the diabetic microenvironment in the human beta cell line EndoC- $\beta$ H1 may target genes in the FOXO, HIPPO and Lysine degradation pathways. <i>Experimental Cell Research</i> , 2019, 384, 111559.	1.2	3
84	RNA Processing and mRNA Surveillance in Monogenic Diabetes. <i>Gene Regulation and Systems Biology</i> , 2008, 2, GRSB.S782.	2.3	1
85	Variants in the isoform-specific coding regions of the <i>HNF1A</i> , <i>HNF4A</i> and <i>HNF1B</i> genes are not a common cause of familial, young-onset diabetes or renal cysts and diabetes (RCAD). <i>Diabetic Medicine</i> , 2009, 26, 569-570.	1.2	1
86	Messenger RNA processing and its role in diabetes. <i>Diabetic Medicine</i> , 2011, 28, 1010-1017.	1.2	1
87	The biology of ageing and the omics revolution. <i>Biogerontology</i> , 2018, 19, 435-436.	2.0	1
88	Extreme longevity variants at the FOXO3 locus may moderate FOXO3 isoform levels. <i>GeroScience</i> , 2021, 1.	2.1	1
89	An unusual case of cyclin-D1-positive peripheral T cell lymphoma with a 11:14 translocation. <i>Journal of Hematopathology</i> , 2010, 3, 77-81.	0.2	0
90	Physiological effects of Type 2 diabetes on mRNA processing and gene expression. <i>Expert Review of Endocrinology and Metabolism</i> , 2011, 6, 255-267.	1.2	0

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91	Changes to the identity of EndoC- $\beta$ H1 beta cells may be mediated by stress-induced depletion of HNRNPD. Cell and Bioscience, 2021, 11, 144.	2.1	0