

# Katarzyna Goljanek-Whysall

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,237  
citations

471061

17  
h-index

377514

34  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific requirements of MRFs for the expression of muscle specific microRNAs, miR-1, miR-206 and miR-133. <i>Developmental Biology</i> , 2008, 321, 491-499.	0.9	239
2	Regulation of multiple target genes by miR-1 and miR-206 is pivotal for C2C12 myoblast differentiation. <i>Journal of Cell Science</i> , 2012, 125, 3590-3600.	1.2	117
3	MicroRNA regulation of the paired-box transcription factor Pax3 confers robustness to developmental timing of myogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11936-11941.	3.3	110
4	Skeletal Muscle Wasting and Its Relationship With Osteoarthritis: a Mini-Review of Mechanisms and Current Interventions. <i>Current Rheumatology Reports</i> , 2019, 21, 40.	2.1	81
5	microRNAs in skeletal muscle differentiation and disease. <i>Clinical Science</i> , 2012, 123, 611-625.	1.8	75
6	Age-related changes in miR-143/p:lgfbp5 interactions affect muscle regeneration. <i>Aging Cell</i> , 2016, 15, 361-369.	3.0	68
7	microRNAs: Modulators of the underlying pathophysiology of sarcopenia?. <i>Ageing Research Reviews</i> , 2015, 24, 263-273.	5.0	62
8	myomiR-dependent switching of BAF60 variant incorporation into Brg1 chromatin remodeling complexes during embryo myogenesis. <i>Development (Cambridge)</i> , 2014, 141, 3378-3387.	1.2	58
9	The functional consequences of age-related changes in microRNA expression in skeletal muscle. <i>Biogerontology</i> , 2016, 17, 641-654.	2.0	54
10	miR-181a regulates p62/SQSTM1, parkin, and protein DJ-1 promoting mitochondrial dynamics in skeletal muscle aging. <i>Aging Cell</i> , 2020, 19, e13140.	3.0	50
11	Ageing in relation to skeletal muscle dysfunction: redox homeostasis to regulation of gene expression. <i>Mammalian Genome</i> , 2016, 27, 341-357.	1.0	29
12	Inflamma-miR-21 Negatively Regulates Myogenesis during Ageing. <i>Antioxidants</i> , 2020, 9, 345.	2.2	28
13	Micro(RNA)-managing muscle wasting. <i>Journal of Applied Physiology</i> , 2019, 127, 619-632.	1.2	27
14	Decoding the Regulatory Landscape of Ageing in Musculoskeletal Engineered Tissues Using Genome-Wide DNA Methylation and RNASeq. <i>PLoS ONE</i> , 2016, 11, e0160517.	1.1	26
15	Developing a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , 2018, 47, iv1-iv19.	0.7	25
16	Redox responses are preserved across muscle fibres with differential susceptibility to aging. <i>Journal of Proteomics</i> , 2018, 177, 112-123.	1.2	24
17	The effect of lengthening contractions on neuromuscular junction structure in adult and old mice. <i>Age</i> , 2016, 38, 259-272.	3.0	21
18	MicroRNA Profiling in Cartilage Ageing. <i>International Journal of Genomics</i> , 2017, 2017, 1-11.	0.8	21

#	ARTICLE	IF	CITATIONS
19	Using computer simulation models to investigate the most promising microRNAs to improve muscle regeneration during ageing. <i>Scientific Reports</i> , 2017, 7, 12314.	1.6	19
20	Preparation and Culture of Myogenic Precursor Cells/Primary Myoblasts from Skeletal Muscle of Adult and Aged Humans. <i>Journal of Visualized Experiments</i> , 2017, . .	0.2	15
21	Mouse microRNA signatures in joint ageing and post-traumatic osteoarthritis. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100186.	0.9	13
22	MicroRNAs in obesity, sarcopenia, and commonalities for sarcopenic obesity: a systematic review. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 68-85.	2.9	13
23	MicroRNA Dysregulation in Aging and Pathologies of the Skeletal Muscle. <i>International Review of Cell and Molecular Biology</i> , 2017, 334, 265-308.	1.6	10
24	miR-24 and its target gene Prdx6 regulate viability and senescence of myogenic progenitors during aging. <i>Aging Cell</i> , 2021, 20, e13475.	3.0	9
25	Identification of a novel loss-of-function PHEX mutation, Ala720Ser, in a sporadic case of adult-onset hypophosphatemic osteomalacia. <i>Bone</i> , 2018, 106, 30-34.	1.4	8
26	Low protein intake during reproduction compromises the recovery of lactation-induced bone loss in female mouse dams without affecting skeletal muscles. <i>FASEB Journal</i> , 2020, 34, 11844-11859.	0.2	7
27	Aging Science Talks: The role of miR-181a in age-related loss of muscle mass and function. <i>Translational Medicine of Aging</i> , 2020, 4, 81-85.	0.6	7
28	MicroRNAs as potential therapeutic targets for muscle wasting during cancer cachexia. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 157-163.	1.3	7
29	Small-RNA Sequencing Reveals Altered Skeletal Muscle microRNAs and snoRNAs Signatures in Weanling Male Offspring from Mouse Dams Fed a Low Protein Diet during Lactation. <i>Cells</i> , 2021, 10, 1166.	1.8	4
30	microRNA-SIRT1 interactions: key regulators of adult skeletal muscle homeostasis?. <i>Journal of Physiology</i> , 2017, 595, 3253-3254.	1.3	3
31	Sprouty2 mediated tuning of signalling is essential for somite myogenesis. <i>BMC Medical Genomics</i> , 2015, 8, S8.	0.7	2
32	Why do we age? Insights into biology and evolution of ageing. <i>Biogerontology</i> , 2017, 18, 855-857.	2.0	1
33	The biology of ageing and the omics revolution. <i>Biogerontology</i> , 2018, 19, 435-436.	2.0	1
34	Towards a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , 2018, 47, 774-777.	0.7	1
35	Regulation of multiple target genes by miR-1 and miR-206 is pivotal for C2C12 myoblast differentiation. <i>Development (Cambridge)</i> , 2012, 139, e1-e1.	1.2	1
36	Fgf negative regulators control early chick somite myogenesis. <i>BMC Genomics</i> , 2014, 15, .	1.2	0

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37	Ageing here and now: current research and transformative therapies. <i>Biogerontology</i> , 2019, 20, 249-253.	2.0	0
38	Redox signalling in physiology, ageing and disease. <i>Biogerontology</i> , 2020, 21, 411-414.	2.0	0