

# George Eo Muscat

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84  
papers

6,897  
citations

45  
h-index

83  
g-index

85  
ext. papers

7,393  
ext. citations

8.7  
avg, IF

5.4  
L-index

#	Paper	IF	Citations
84	The Nuclear Receptor Nor-1 Is a Pleiotropic Regulator of Exercise-Induced Adaptations. <i>Exercise and Sport Sciences Reviews</i> , <b>2018</b> , 46, 97-104	6.7	8
83	NFIB Mediates BRN2 Driven Melanoma Cell Migration and Invasion Through Regulation of EZH2 and MITF. <i>EBioMedicine</i> , <b>2017</b> , 16, 63-75	8.8	54
82	Therapeutic Implications of Epigenetic Signaling in Breast Cancer. <i>Endocrinology</i> , <b>2017</b> , 158, 431-447	4.8	7
81	The Nuclear Receptor, ROR $\alpha$ Regulates Pathways Necessary for Breast Cancer Metastasis. <i>EBioMedicine</i> , <b>2016</b> , 6, 59-72	8.8	29
80	Transgenic Adipose-specific Expression of the Nuclear Receptor ROR $\alpha$ Drives a Striking Shift in Fat Distribution and Impairs Glycemic Control. <i>EBioMedicine</i> , <b>2016</b> , 11, 101-117	8.8	4
79	Nuclear receptor expression in human differentiated thyroid tumors. <i>Thyroid</i> , <b>2014</b> , 24, 1000-11	6.2	12
78	PRMT2 and ROR $\alpha$ expression are associated with breast cancer survival outcomes. <i>Molecular Endocrinology</i> , <b>2014</b> , 28, 1166-85		36
77	Breast cancer prognosis predicted by nuclear receptor-coregulator networks. <i>Molecular Oncology</i> , <b>2014</b> , 8, 998-1013	7.9	14
76	Nuclear receptors and epigenetic signaling: novel regulators of glycogen metabolism in skeletal muscle. <i>IUBMB Life</i> , <b>2013</b> , 65, 657-64	4.7	8
75	Distinct nuclear receptor expression in stroma adjacent to breast tumors. <i>Breast Cancer Research and Treatment</i> , <b>2013</b> , 142, 211-23	4.4	36
74	Disruption of Ror $\alpha$ and cholesterol 25-hydroxylase expression attenuates phagocytosis in male Ror $\alpha$ g/sg mice. <i>Endocrinology</i> , <b>2013</b> , 154, 140-9	4.8	12
73	Research resource: nuclear receptors as transcriptome: discriminant and prognostic value in breast cancer. <i>Molecular Endocrinology</i> , <b>2013</b> , 27, 350-65		73
72	Transgenic muscle-specific Nor-1 expression regulates multiple pathways that effect adiposity, metabolism, and endurance. <i>Molecular Endocrinology</i> , <b>2013</b> , 27, 1897-917		38
71	The NR4A2 nuclear receptor is recruited to novel nuclear foci in response to UV irradiation and participates in nucleotide excision repair. <i>PLoS ONE</i> , <b>2013</b> , 8, e78075	3.7	32
70	Retinoid-related orphan receptor alpha and the regulation of lipid homeostasis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 130, 159-68	5.1	24
69	Orphan nuclear receptors and the regulation of nutrient metabolism: understanding obesity. <i>Physiology</i> , <b>2012</b> , 27, 156-66	9.8	23
68	Ski overexpression in skeletal muscle modulates genetic programs that control susceptibility to diet-induced obesity and insulin signaling. <i>Obesity</i> , <b>2012</b> , 20, 2157-67	8	11

67	Caveolin-1 orchestrates the balance between glucose and lipid-dependent energy metabolism: implications for liver regeneration. <i>Hepatology</i> , <b>2012</b> , 55, 1574-84	11.2	60
66	The nuclear receptor, Nor-1, markedly increases type II oxidative muscle fibers and resistance to fatigue. <i>Molecular Endocrinology</i> , <b>2012</b> , 26, 372-84		60
65	Protein arginine methyltransferase 6-dependent gene expression and splicing: association with breast cancer outcomes. <i>Endocrine-Related Cancer</i> , <b>2012</b> , 19, 509-26	5.7	25
64	Homozygous staggerer (sg/sg) mice display improved insulin sensitivity and enhanced glucose uptake in skeletal muscle. <i>Diabetologia</i> , <b>2011</b> , 54, 1169-80	10.3	42
63	Nuclear receptor profiling of ovarian granulosa cell tumors. <i>Hormones and Cancer</i> , <b>2011</b> , 2, 157-69	5	38
62	Nr4a1 siRNA expression attenuates E2SH regulated gene expression in 3T3-L1 adipocytes. <i>Molecular Endocrinology</i> , <b>2011</b> , 25, 291-306		18
61	Minireview: Nuclear hormone receptor 4A signaling: implications for metabolic disease. <i>Molecular Endocrinology</i> , <b>2010</b> , 24, 1891-903		227
60	Identification and validation of the pathways and functions regulated by the orphan nuclear receptor, ROR alpha1, in skeletal muscle. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 4296-312	20.1	45
59	An ERRbeta/gamma agonist modulates GRalpha expression, and glucocorticoid responsive gene expression in skeletal muscle cells. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 315, 146-52	4.4	26
58	Expression profiling of skeletal muscle following acute and chronic beta2-adrenergic stimulation: implications for hypertrophy, metabolism and circadian rhythm. <i>BMC Genomics</i> , <b>2009</b> , 10, 448	4.5	50
57	PPARgamma agonists attenuate proliferation and modulate Wnt/beta-catenin signalling in melanoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2009</b> , 41, 844-52	5.6	28
56	Rev-erb beta regulates the Srebp-1c promoter and mRNA expression in skeletal muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 388, 654-9	3.4	12
55	Beta-adrenergic signaling regulates NR4A nuclear receptor and metabolic gene expression in multiple tissues. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 309, 101-8	4.4	64
54	Sox18 induces development of the lymphatic vasculature in mice. <i>Nature</i> , <b>2008</b> , 456, 643-7	50.4	405
53	The orphan nuclear receptor, RORalpha, regulates gene expression that controls lipid metabolism: staggerer (SG/SG) mice are resistant to diet-induced obesity. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 18411-21	5.4	136
52	Melanocortin-1 receptor signaling markedly induces the expression of the NR4A nuclear receptor subgroup in melanocytic cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 12564-70	5.4	77
51	Retinoid-related orphan receptor gamma regulates several genes that control metabolism in skeletal muscle cells: links to modulation of reactive oxygen species production. <i>Journal of Molecular Endocrinology</i> , <b>2007</b> , 39, 29-44	4.5	33
50	International Union of Pharmacology. LXVI. Orphan nuclear receptors. <i>Pharmacological Reviews</i> , <b>2006</b> , 58, 798-836	22.5	175

49	The chicken ovalbumin upstream promoter-transcription factors modulate genes and pathways involved in skeletal muscle cell metabolism. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 24149-60	5.4	34
48	Halofenate is a selective peroxisome proliferator-activated receptor gamma modulator with antidiabetic activity. <i>Diabetes</i> , <b>2006</b> , 55, 2523-33	0.9	82
47	Effect of disrupted SOX18 transcription factor function on tumor growth, vascularization, and endothelial development. <i>Journal of the National Cancer Institute</i> , <b>2006</b> , 98, 1060-7	9.7	65
46	The NR4A subgroup: immediate early response genes with pleiotropic physiological roles. <i>Nuclear Receptor Signaling</i> , <b>2006</b> , 4, e002	1	301
45	The orphan Rev-erb nuclear receptors: a link between metabolism, circadian rhythm and inflammation?. <i>Nuclear Receptor Signaling</i> , <b>2006</b> , 4, e009	1	59
44	Chapter 3 PPAR $\alpha$ Emerging therapeutic potential of novel agonists in lipid and glucose homeostasis. <i>Advances in Molecular and Cellular Endocrinology</i> , <b>2006</b> , 5, 43-62		
43	Skeletal muscle and nuclear hormone receptors: implications for cardiovascular and metabolic disease. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2005</b> , 37, 2047-63	5.6	123
42	Nur77 regulates lipolysis in skeletal muscle cells. Evidence for cross-talk between the beta-adrenergic and an orphan nuclear hormone receptor pathway. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 12573-84	5.4	128
41	Rev-erbbeta regulates the expression of genes involved in lipid absorption in skeletal muscle cells: evidence for cross-talk between orphan nuclear receptors and myokines. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 8651-9	5.4	69
40	TRAP220 is modulated by the antineoplastic agent 6-Mercaptopurine, and mediates the activation of the NR4A subgroup of nuclear receptors. <i>Journal of Molecular Endocrinology</i> , <b>2005</b> , 34, 835-48	4.5	45
39	RORalpha regulates the expression of genes involved in lipid homeostasis in skeletal muscle cells: caveolin-3 and CPT-1 are direct targets of ROR. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 36828-40	5.4	138
38	The VCAM-1 gene that encodes the vascular cell adhesion molecule is a target of the Sry-related high mobility group box gene, Sox18. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 5314-22	5.4	40
37	The AF-1 domain of the orphan nuclear receptor NOR-1 mediates trans-activation, coactivator recruitment, and activation by the purine anti-metabolite 6-mercaptopurine. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 24776-90	5.4	110
36	The peroxisome proliferator-activated receptor beta/delta agonist, GW501516, regulates the expression of genes involved in lipid catabolism and energy uncoupling in skeletal muscle cells. <i>Molecular Endocrinology</i> , <b>2003</b> , 17, 2477-93		319
35	Sox18 mutations in the ragged mouse alleles ragged-like and opossum. <i>Genesis</i> , <b>2003</b> , 36, 1-6	1.9	52
34	Role of HuR in skeletal myogenesis through coordinate regulation of muscle differentiation genes. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 4991-5004	4.8	151
33	The coactivator-associated arginine methyltransferase is necessary for muscle differentiation: CARM1 coactivates myocyte enhancer factor-2. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 4324-33	5.4	121
32	Regulation of cholesterol homeostasis and lipid metabolism in skeletal muscle by liver X receptors. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 40722-8	5.4	79

31	The activation function-1 domain of Nur77/NR4A1 mediates trans-activation, cell specificity, and coactivator recruitment. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 33001-11	5.4	114
30	Characterization of the Retinoid Orphan-Related Receptor-Coactivator Binding Interface: A Structural Basis for Ligand-Independent Transcription. <i>Molecular Endocrinology</i> , <b>2002</b> , 16, 998-1012		16
29	A dynamic role for HDAC7 in MEF2-mediated muscle differentiation. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 17007-13	5.4	154
28	SOX18 directly interacts with MEF2C in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 287, 493-500	3.4	46
27	Cloning and functional analysis of the Sry-related HMG box gene, Sox18. <i>Gene</i> , <b>2001</b> , 262, 239-47	3.8	35
26	Sox18 expression in blood vessels and feather buds during chicken embryogenesis. <i>Gene</i> , <b>2001</b> , 271, 151-8	3.8	12
25	Class I histone deacetylases sequentially interact with MyoD and pRb during skeletal myogenesis. <i>Molecular Cell</i> , <b>2001</b> , 8, 885-97	17.6	185
24	Domains of Brn-2 that mediate homodimerization and interaction with general and melanocytic transcription factors. <i>FEBS Journal</i> , <b>2000</b> , 267, 6413-22		43
23	Mutations in Sox18 underlie cardiovascular and hair follicle defects in ragged mice. <i>Nature Genetics</i> , <b>2000</b> , 24, 434-7	36.3	179
22	Structure, mapping, and expression of human SOX18. <i>Mammalian Genome</i> , <b>2000</b> , 11, 1147-9	3.2	11
21	Mice null for sox18 are viable and display a mild coat defect. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 9331-6	4.8	100
20	Exogenous expression of a dominant negative RORalpha1 vector in muscle cells impairs differentiation: RORalpha1 directly interacts with p300 and myoD. <i>Nucleic Acids Research</i> , <b>1999</b> , 27, 411-20	20.1	81
19	Structure/function analysis of a dUTPase: catalytic mechanism of a potential chemotherapeutic target. <i>Journal of Molecular Biology</i> , <b>1999</b> , 288, 275-87	6.5	37
18	Repression of basal transcription by vitamin D receptor: evidence for interaction of unliganded vitamin D receptor with two receptor interaction domains in RIP13delta1. <i>Journal of Molecular Endocrinology</i> , <b>1998</b> , 20, 327-35	4.5	49
17	The corepressor N-CoR and its variants RIP13a and RIP13Delta1 directly interact with the basal transcription factors TFIIB, TAFII32 and TAFII70. <i>Nucleic Acids Research</i> , <b>1998</b> , 26, 2899-907	20.1	119
16	SOX9 binds DNA, activates transcription, and coexpresses with type II collagen during chondrogenesis in the mouse. <i>Developmental Biology</i> , <b>1997</b> , 183, 108-21	3.1	560
15	Transcriptional repression by COUP-TF II is dependent on the C-terminal domain and involves the N-CoR variant, RIP13delta1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1997</b> , 63, 165-74	5.1	40
14	The Sry-related gene Sox18 maps to distal mouse chromosome 2. <i>Genomics</i> , <b>1996</b> , 36, 558-9	4.3	12

13	Two receptor interaction domains in the corepressor, N-CoR/RIP13, are required for an efficient interaction with Rev-erbA alpha and RVR: physical association is dependent on the E region of the orphan receptors. <i>Nucleic Acids Research</i> , <b>1996</b> , 24, 4379-86	20.1	72
12	Characterization of the AB (AF-1) region in the muscle-specific retinoid X receptor-gamma: evidence that the AF-1 region functions in a cell-specific manner. <i>Nucleic Acids Research</i> , <b>1996</b> , 24, 264-71	20.1	23
11	Trans-activation and DNA-binding properties of the transcription factor, Sox-18. <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 2626-8	20.1	70
10	Identification of a regulatory function for an orphan receptor in muscle: COUP-TF II affects the expression of the myoD gene family during myogenesis. <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 1311-8	20.1	45
9	Sequence and expression of Sox-18 encoding a new HMG-box transcription factor. <i>Gene</i> , <b>1995</b> , 161, 223-5	5.8	50
8	Regulation of vertebrate muscle differentiation by thyroid hormone: the role of the myoD gene family. <i>BioEssays</i> , <b>1995</b> , 17, 211-8	4.1	77
7	Activation of myoD gene transcription by 3,5,3'-triiodo-L-thyronine: a direct role for the thyroid hormone and retinoid X receptors. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 583-91	20.1	84
6	Signal transduction by the growth hormone receptor. <i>Experimental Biology and Medicine</i> , <b>1994</b> , 206, 216-20	3.9	19
5	Expression vectors encoding human growth hormone (hGH) controlled by human muscle-specific promoters: prospects for regulated production of hGH delivered by myoblast transfer or intravenous injection. <i>Gene</i> , <b>1994</b> , 145, 305-10	3.8	19
4	Proliferin, a prolactin/growth hormone-like peptide represses myogenic-specific transcription by the suppression of an essential serum response factor-like DNA-binding activity. <i>Molecular Endocrinology</i> , <b>1991</b> , 5, 802-14		23
3	Nucleotide sequence and expression of the human skeletal alpha-actin gene: evolution of functional regulatory domains. <i>Genomics</i> , <b>1988</b> , 3, 323-36	4.3	76
2	A human beta-actin expression vector system directs high-level accumulation of antisense transcripts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 4831-5	11.5	667
1	Growth-related changes in specific mRNAs upon lectin activation of human lymphocytes. <i>DNA and Cell Biology</i> , <b>1985</b> , 4, 377-84		10