

# Melanie C Macnicol

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

436  
citations

840119

11  
h-index

940134

16  
g-index

27  
all docs

27  
docs citations

27  
times ranked

471  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Importance of Leptin to Reproduction. <i>Endocrinology</i> , 2021, 162, .	1.4	96
2	Context-dependent regulation of Musashi-mediated mRNA translation and cell cycle regulation.. <i>Cell Cycle</i> , 2011, 10, 39-44.	1.3	68
3	Leptin Regulation of Gonadotrope Gonadotropin-Releasing Hormone Receptors As a Metabolic Checkpoint and Gateway to Reproductive Competence. <i>Frontiers in Endocrinology</i> , 2017, 8, 367.	1.5	46
4	Developmental timing of mRNA translationâ€™integration of distinct regulatory elements. <i>Molecular Reproduction and Development</i> , 2010, 77, 662-669.	1.0	35
5	Ringo/Cyclin-dependent Kinase and Mitogen-activated Protein Kinase Signaling Pathways Regulate the Activity of the Cell Fate Determinant Musashi to Promote Cell Cycle Re-entry in <i>Xenopus Oocytes</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 10639-10649.	1.6	30
6	Neural stem and progenitor cell fate transition requires regulation of Musashi1 function. <i>BMC Developmental Biology</i> , 2015, 15, 15.	2.1	25
7	Association of Gnrhr mRNA With the Stem Cell Determinant Musashi: A Mechanism for Leptin-Mediated Modulation of GnRHR Expression. <i>Endocrinology</i> , 2018, 159, 883-894.	1.4	22
8	Molecular Mechanisms of Pituitary Cell Plasticity. <i>Frontiers in Endocrinology</i> , 2020, 11, 656.	1.5	20
9	The use of three-dimensional printing to produce in vitro slice chambers. <i>Journal of Neuroscience Methods</i> , 2014, 238, 82-87.	1.3	19
10	A Sex-Dependent, Tropic Role for Leptin in the Somatotrope as a Regulator of POU1F1 and POU1F1-Dependent Hormones. <i>Endocrinology</i> , 2016, 157, 3958-3971.	1.4	18
11	Evasion of regulatory phosphorylation by an alternatively spliced isoform of Musashi2. <i>Scientific Reports</i> , 2017, 7, 11503.	1.6	16
12	Metabolic signalling to somatotrophs: Transcriptional and postâ€™transcriptional mediators. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12883.	1.2	12
13	Control of the Anterior Pituitary Cell Lineage Regulator POU1F1 by the Stem Cell Determinant Musashi. <i>Endocrinology</i> , 2021, 162, .	1.4	9
14	Pedunculopontine Gamma Band Activity and Development. <i>Brain Sciences</i> , 2015, 5, 546-567.	1.1	8
15	Single and double modified salinomycin analogs target stem-like cells in 2D and 3D breast cancer models. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111815.	2.5	7
16	Post-Transcriptional Regulation of Gnrhr: A Checkpoint for Metabolic Control of Female Reproduction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3312.	1.8	4
17	Sex differences in somatotrope response to fasting: biphasic responses in male mice. <i>Journal of Endocrinology</i> , 2020, 247, 213-224.	1.2	1
18	Musashi as a Regulator of the Follicle-Stimulating Hormone in the Gonadotropes. <i>Journal of the Endocrine Society</i> , 2021, 5, A545-A545.	0.1	0

#	ARTICLE	IF	CITATIONS
19	The Musashi1 RNA-Binding Protein Functions as a Leptin-Regulated Enforcer of Pituitary Cell Fate and Hormone Production. <i>Journal of the Endocrine Society</i> , 2021, 5, A654-A654.	0.1	0
20	The Cell Fate Determinant Musashi Is Controlled Through Dynamic Protein:Protein Interactions. <i>Journal of the Endocrine Society</i> , 2021, 5, A555-A555.	0.1	0
21	SAT-417 The Gonadotrope Leptin Signal Is Critical for the Early-Morning Estrus Rise in FSH in Female Mice. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
22	SAT-406 Deletion of Musashi in Gonadotropes Leads to Increased GnRHR Protein Levels and Gonadotrope Dysfunction. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
23	OR24-3 Persistence of Progenitor Cell Markers Following the Selective Ablation of Musashi in Somatotropes. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
24	SAT-292 Musashi: A Novel Regulator of the Gonadotrope Transcriptome. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
25	Novel Salinomycin Analogs Show Improved Selectivity Towards Breast Cancer Stem Cells. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
26	SAT-284 Musashi Exerts Translational Control Within Anterior Pituitary Cells of the POU1F1 Lineage. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
27	Leptin: A Metabolic Signal for the Differentiation of Pituitary Cells. , 0, , .		0