

Michael W Pankhurst

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

568
citations

623574

14
h-index

642610

23
g-index

34
all docs

34
docs citations

34
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	A putative role for anti-Müllerian hormone (AMH) in optimising ovarian reserve expenditure. <i>Journal of Endocrinology</i> , 2017, 233, R1-R13.	1.2	54
2	Human blood contains both the uncleaved precursor of anti-Müllerian hormone and a complex of the NH ₂ - and COOH-terminal peptides. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1241-E1247.	1.8	50
3	Metallothionein induces a regenerative reactive astrocyte phenotype via JAK/STAT and RhoA signalling pathways. <i>Experimental Neurology</i> , 2010, 221, 98-106.	2.0	45
4	Anti-Müllerian hormone is a gonadal cytokine with two circulating forms and cryptic actions. <i>Journal of Endocrinology</i> , 2015, 226, R45-R57.	1.2	43
5	Acute Supplementation with High Dose Vitamin D3 Increases Serum Anti-Müllerian Hormone in Young Women. <i>Nutrients</i> , 2017, 9, 719.	1.7	38
6	Metallothionein Treatment Attenuates Microglial Activation and Expression of Neurotoxic Quinolinic Acid Following Traumatic Brain Injury. <i>Neurotoxicity Research</i> , 2009, 15, 381-389.	1.3	29
7	Enzyme-linked immunosorbent assay measurements of anti-Müllerian hormone (AMH) in human blood are a composite of the uncleaved and bioactive cleaved forms of AMH. <i>Fertility and Sterility</i> , 2014, 101, 846-850.e1.	0.5	25
8	Inhibin B and anti-Müllerian hormone/Müllerian-inhibiting substance may contribute to the male bias in autism. <i>Translational Psychiatry</i> , 2012, 2, e148-e148.	2.4	23
9	The Daily Profiles of Circulating AMH and INSL3 in Men are Distinct from the Other Testicular Hormones, Inhibin B and Testosterone. <i>PLoS ONE</i> , 2015, 10, e0133637.	1.1	23
10	Changes in Circulating ProAMH and Total AMH during Healthy Pregnancy and Post-Partum: A Longitudinal Study. <i>PLoS ONE</i> , 2016, 11, e0162509.	1.1	23
11	The Anti-Müllerian Hormone Precursor (proAMH) Is Not Converted to the Receptor-Competent Form (AMHN,C) in the Circulating Blood of Mice. <i>Endocrinology</i> , 2016, 157, 1622-1629.	1.4	22
12	A specific immunoassay for proAMH, the uncleaved proprotein precursor of anti-Müllerian hormone. <i>Molecular and Cellular Endocrinology</i> , 2016, 419, 165-171.	1.6	18
13	Anti-Müllerian hormone overexpression restricts preantral ovarian follicle survival. <i>Journal of Endocrinology</i> , 2018, 237, 153-163.	1.2	18
14	Variation in circulating anti-Müllerian hormone precursor during the periovulatory and acute postovulatory phases of the human ovarian cycle. <i>Fertility and Sterility</i> , 2016, 106, 1238-1243.e2.	0.5	17
15	Metallothionein (MT) -I and MT-II Expression Are Induced and Cause Zinc Sequestration in the Liver after Brain Injury. <i>PLoS ONE</i> , 2012, 7, e31185.	1.1	15
16	Increased circulating leukocyte numbers and altered macrophage phenotype correlate with the altered immune response to brain injury in metallothionein (MT) -I/II null mutant mice. <i>Journal of Neuroinflammation</i> , 2011, 8, 172.	3.1	14
17	The influence of maternal androgen excess on the male reproductive axis. <i>Scientific Reports</i> , 2019, 9, 18908.	1.6	14
18	Relative levels of the proprotein and cleavage-activated form of circulating human anti-Müllerian hormone are sexually dimorphic and variable during the life cycle. <i>Physiological Reports</i> , 2016, 4, e12783.	0.7	13

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19	The proportion of cleaved anti-Müllerian hormone is higher in serum but not follicular fluid of obese women independently of polycystic ovary syndrome. <i>Reproductive BioMedicine Online</i> , 2020, 41, 1112-1121.	1.1	12
20	Efficacy of predictive models for polycystic ovary syndrome using serum levels of two anti-Müllerian hormone isoforms (proAMH and AMHN,C). <i>Fertility and Sterility</i> , 2017, 108, 851-857.e2.	0.5	11
21	Accelerated ovarian reserve depletion in female anti-Müllerian hormone knockout mice has no effect on lifetime fertility. <i>Biology of Reproduction</i> , 2020, 102, 915-922.	1.2	10
22	Hyperactivation of dormant primordial follicles in ovarian endometrioma patients. <i>Reproduction</i> , 2020, 160, R145-R153.	1.1	10
23	The Testicular Hormones AMH, InhB, INSL3, and Testosterone Can Be Independently Deficient in Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw143.	1.7	7
24	Anti-Müllerian hormone signaling is influenced by Follistatin 288, but not 14 other transforming growth factor beta superfamily regulators. <i>Molecular Reproduction and Development</i> , 2017, 84, 626-637.	1.0	7
25	Mice with either diminished or elevated levels of anti-Müllerian hormone have decreased litter sizes. <i>Biology of Reproduction</i> , 2018, 98, 54-62.	1.2	7
26	Exploratory analysis of serum concentrations of oocyte biomarkers growth differentiation factor 9 and bone morphogenetic protein 15 in ovulatory women across the menstrual cycle. <i>Fertility and Sterility</i> , 2021, 116, 546-557.	0.5	7
27	Serum anti-Müllerian hormone levels in women are unstable in the postpartum period but return to normal within 5 months: a longitudinal study. <i>Endocrine</i> , 2021, 71, 225-232.	1.1	4
28	Is the understanding of AMH being confounded by study designs that do not adequately reflect that it is an atypical hormone?. <i>Human Reproduction</i> , 2016, 32, 14-17.	0.4	3
29	Fetal resorption coincides with dysregulated LH secretion in AMH-overexpressing mice. <i>Journal of Endocrinology</i> , 2022, 253, 53-62.	1.2	3
30	Methodological considerations in measuring different AMH cleavage forms using ELISA: validity of proAMH ELISA. <i>Molecular Human Reproduction</i> , 2016, 22, 373-373.	1.3	1
31	Reply: Vitamin D and ovarian reserve making clinical decisions. <i>Human Reproduction</i> , 2017, 32, 1140-1140.	0.4	1
32	Proteolytic activation of anti-Müllerian hormone is suppressed in adolescent girls. <i>Endocrine</i> , 2022, , 1.	1.1	1
33	Fifty years of reproductive biology in Australia: highlights from the 50th Annual Meeting of the Society for Reproductive Biology (SRB). <i>Reproduction, Fertility and Development</i> , 2019, 31, 829.	0.1	0
34	Serum Concentrations of GDF9 and BMP15 Across the Menstrual Cycle. <i>Journal of the Endocrine Society</i> , 2021, 5, A734-A735.	0.1	0