

# Wah Chin Boon

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,630  
citations

279798

23  
h-index

223800

46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

3634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Motor Neuron Vulnerability in the Neuraxis of Male SOD1G93A Mice Reveals Widespread Loss of Androgen Receptor Occurring Early in Spinal Motor Neurons. <i>Frontiers in Endocrinology</i> , 2022, 13, 808479.	3.5	3
2	Fatty acids and beyond: Age and Alzheimer's disease related changes in lipids reveal the neuro-nutraceutical potential of lipids in cognition. <i>Neurochemistry International</i> , 2021, 149, 105143.	3.8	20
3	Impact of Estrogens on the Regulation of White, Beige, and Brown Adipose Tissue Depots. , 2019, 9, 457-475.		18
4	The myocardium and sex steroid hormone influences. <i>Current Opinion in Physiology</i> , 2018, 6, 1-9.	1.8	6
5	Sexual dimorphism in the glucose homeostasis phenotype of the Aromatase Knockout (ArKO) mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 170, 39-48.	2.5	18
6	SCA-1 Labels a Subset of Estrogen-Responsive Bipotential Repopulating Cells within the CD24 + CD49f hi Mammary Stem Cell-Enriched Compartment. <i>Stem Cell Reports</i> , 2017, 8, 417-431.	4.8	22
7	Pericardial adipose and aromatase: A new translational target for aging, obesity and arrhythmogenesis?. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 111, 96-101.	1.9	25
8	Sex-dependent changes in neuronal morphology and psychosocial behaviors after pediatric brain injury. <i>Behavioural Brain Research</i> , 2017, 319, 48-62.	2.2	45
9	Estrogens do not protect, but androgens exacerbate, collagen accumulation in the female mouse kidney after ureteric obstruction. <i>Life Sciences</i> , 2016, 158, 130-136.	4.3	17
10	Fatty acids and their therapeutic potential in neurological disorders. <i>Neurochemistry International</i> , 2016, 95, 75-84.	3.8	91
11	Testosterone-induced adult neurosphere growth is mediated by sexually-dimorphic aromatase expression. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 253.	3.7	22
12	Effects of Estrogens on Adipokines and Glucose Homeostasis in Female Aromatase Knockout Mice. <i>PLoS ONE</i> , 2015, 10, e0136143.	2.5	22
13	Myocardial and Cardiomyocyte Stress Resilience Is Enhanced in Aromatase-Deficient Female Mouse Hearts Through CaMKII $\beta$ Activation. <i>Endocrinology</i> , 2015, 156, 1429-1440.	2.8	12
14	Hepatic Glucose Intolerance Precedes Hepatic Steatosis in the Male Aromatase Knockout (ArKO) Mouse. <i>PLoS ONE</i> , 2014, 9, e87230.	2.5	21
15	Characterization of Aromatase Expression in the Adult Male and Female Mouse Brain. I. Coexistence with Oestrogen Receptors $\hat{1}\pm$ and $\hat{1}^2$ , and Androgen Receptors. <i>PLoS ONE</i> , 2014, 9, e90451.	2.5	92
16	Aromatase transgenic upregulation modulates basal cardiac performance and the response to ischemic stress in male mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1265-H1274.	3.2	21
17	Relaxin and Castration in Male Mice Protect from, but Testosterone Exacerbates, Age-Related Cardiac and Renal Fibrosis, Whereas Estrogens Are an Independent Determinant of Organ Size. <i>Endocrinology</i> , 2012, 153, 188-199.	2.8	27
18	Neuroendocrine Inherited or Induced Aromatase Enzyme Deficits. , 2012, , 723-737.		2

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19	A doxycycline-inducible, tissue-specific aromatase-expressing transgenic mouse. <i>Transgenic Research</i> , 2012, 21, 415-428.	2.4	3
20	The Aromatase Gene CYP19A1: Several Genetic and Functional Lines of Evidence Supporting a Role in Reading, Speech and Language. <i>Behavior Genetics</i> , 2012, 42, 509-527.	2.1	60
21	Aromatase and its inhibition in behaviour, obsessive compulsive disorder and parkinsonism. <i>Steroids</i> , 2011, 76, 816-819.	1.8	6
22	Acoustic microstreaming increases the efficiency of reverse transcription reactions comprising single-cell quantities of RNA. <i>BioTechniques</i> , 2011, 50, 116-119.	1.8	10
23	Increasing cDNA Yields from Single-cell Quantities of mRNA in Standard Laboratory Reverse Transcriptase Reactions using Acoustic Microstreaming. <i>Journal of Visualized Experiments</i> , 2011, , e3144.	0.3	7
24	Differential effect of amphetamine on c-fos expression in female aromatase knockout (ArKO) mice compared to wildtype controls. <i>Psychoneuroendocrinology</i> , 2011, 36, 761-768.	2.7	4
25	A selective estrogen receptor $\alpha$ agonist ameliorates hepatic steatosis in the male aromatase knockout mouse. <i>Journal of Endocrinology</i> , 2011, 210, 323-334.	2.6	60
26	Behavioural phenotype of APPC100.V717F transgenic mice over-expressing a mutant $\Delta^2$ -bearing fragment is associated with reduced NMDA receptor density. <i>Behavioural Brain Research</i> , 2010, 209, 27-35.	2.2	12
27	The Multiple Roles of Estrogens and the Enzyme Aromatase. <i>Progress in Brain Research</i> , 2010, 181, 209-232.	1.4	134
28	Estrogen-Deficient Mouse Models in the Study of Brain Injury and Disease. <i>Neuromethods</i> , 2010, , 113-136.	0.3	0
29	Estrogens, Brain, and Behavior: Lessons from Knockout Mouse Models. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 218-228.	1.1	37
30	Postnatal Development of an Estradiol-Kisspeptin Positive Feedback Mechanism Implicated in Puberty Onset. <i>Endocrinology</i> , 2009, 150, 3214-3220.	2.8	199
31	Alternative 5' untranslated first exons of the mouse Cyp19A1 (aromatase) gene. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 115, 115-125.	2.5	32
32	Estrogen deficiency results in apoptosis in the frontal cortex of adult female aromatase knockout mice. <i>Molecular and Cellular Neurosciences</i> , 2009, 41, 1-7.	2.2	38
33	The estrogenic component of tibolone reduces adiposity in female aromatase knockout mice. <i>Menopause</i> , 2009, 16, 582-588.	2.0	3
34	Fas/FasL-mediated apoptosis in the arcuate nucleus and medial preoptic area of male ArKO mice is ameliorated by selective estrogen receptor alpha and estrogen receptor beta agonist treatment, respectively. <i>Molecular and Cellular Neurosciences</i> , 2007, 36, 146-157.	2.2	15
35	Recognizing rare disorders: aromatase deficiency. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2007, 3, 414-421.	2.8	134
36	Estrogen Deficient Male Mice Develop Compulsive Behavior. <i>Biological Psychiatry</i> , 2007, 61, 359-366.	1.3	89

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37	Of mice and men: the evolving phenotype of aromatase deficiency. Trends in Endocrinology and Metabolism, 2006, 17, 55-64.	7.1	171
38	Adipose aromatase gene expression is greater in older women and is unaffected by postmenopausal estrogen therapy. Menopause, 2005, 12, 210-215.	2.0	66
39	Hippocampal NMDA receptor subunit expression and watermaze learning in estrogen deficient female mice. Molecular Brain Research, 2005, 140, 127-132.	2.3	31
40	Estrogen, a fundamental player in energy homeostasis. Journal of Steroid Biochemistry and Molecular Biology, 2005, 95, 3-8.	2.5	29
41	Differential expression of factors involved in fat metabolism with age and the menopause transition. Maturitas, 2005, 51, 299-306.	2.4	62
42	Estrogen deficiency leads to apoptosis in dopaminergic neurons in the medial preoptic area and arcuate nucleus of male mice. Molecular and Cellular Neurosciences, 2004, 27, 466-476.	2.2	59
43	The Aromatase Knockout Mouse Presents with a Sexually Dimorphic Disruption to Cholesterol Homeostasis. Endocrinology, 2003, 144, 3895-3903.	2.8	60
44	Cellular and Molecular Characterization of the Adipose Phenotype of the Aromatase-Deficient Mouse. Endocrinology, 2003, 144, 1474-1480.	2.8	131
45	Aromatase—A Brief Overview. Annual Review of Physiology, 2002, 64, 93-127.	13.1	640
46	LATE STEPS OF ALDOSTERONE BIOSYNTHESIS: SHEEP ARE NOT RATS. Clinical and Experimental Pharmacology and Physiology, 1998, 25, S21-S27.	1.9	9
47	THE RENIN-ANGIOTENSIN SYSTEM AND THE DEVELOPMENT OF THE KIDNEY AND ADRENAL IN SHEEP. Clinical and Experimental Pharmacology and Physiology, 1998, 25, S97-S100.	1.9	20
48	HYPOTHESIS: ALDOSTERONE IS SYNTHESIZED BY AN ALTERNATIVE PATHWAY DURING SEVERE SODIUM DEPLETION. 'A NEW WINE IN AN OLD BOTTLE'. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 369-378.	1.9	8
49	Cloning and expression analysis of a cytochrome P-45011 <sup>2</sup> cDNA in sheep. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1260, 109-112.	2.4	16
50	Modulatory effects of estrogens on grooming and related behaviors. , 0, , 108-130.		1