

# Siew Yeen Chai

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

800  
citations

759190

12  
h-index

752679

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Physiological, Pathological Roles and Pharmacology of Insulin Regulated Aminopeptidase. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 685101.	3.5	0
2	Transcriptional signature in microglia associated with A $\beta$ 2 plaque phagocytosis. <i>Nature Communications</i> , 2021, 12, 3015.	12.8	142
3	Insulin-regulated aminopeptidase inhibitor-mediated increases in dendritic spine density are facilitated by glucose uptake. <i>Journal of Neurochemistry</i> , 2020, 153, 485-494.	3.9	12
4	Macrocyclic peptidomimetics as inhibitors of insulin-regulated aminopeptidase (IRAP). <i>RSC Medicinal Chemistry</i> , 2020, 11, 234-244.	3.9	9
5	Is There an Interplay Between the Functional Domains of IRAP?. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 585237.	3.7	5
6	Insulin-Regulated Aminopeptidase Inhibition Ameliorates Metabolism in Obese Zucker Rats. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 586225.	3.5	6
7	Insulin-regulated aminopeptidase deficiency impairs cardiovascular adaptations and placental development during pregnancy. <i>Clinical Science</i> , 2020, 134, 3213-3228.	4.3	5
8	Social behaviour is altered in the insulin-regulated aminopeptidase knockout mouse. <i>Behavioural Brain Research</i> , 2019, 376, 112150.	2.2	6
9	Structural Basis of Inhibition of Human Insulin-Regulated Aminopeptidase (IRAP) by Aryl Sulfonamides. <i>ACS Omega</i> , 2018, 3, 4509-4521.	3.5	14
10	Insulin-regulated aminopeptidase inhibitors do not alter glucose handling in normal and diabetic rats. <i>Journal of Molecular Endocrinology</i> , 2017, 58, 193-198.	2.5	5
11	Binding to and Inhibition of Insulin-Regulated Aminopeptidase by Macrocyclic Disulfides Enhances Spine Density. <i>Molecular Pharmacology</i> , 2016, 89, 413-424.	2.3	35
12	Forebrain neurone-specific deletion of insulin-regulated aminopeptidase causes age related deficits in memory. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 174-182.	1.9	8
13	Aryl Sulfonamide Inhibitors of Insulin-Regulated Aminopeptidase Enhance Spine Density in Primary Hippocampal Neuron Cultures. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1383-1392.	3.5	27
14	Cannula implantation into the lateral ventricle does not adversely affect recognition or spatial working memory. <i>Neuroscience Letters</i> , 2016, 628, 171-178.	2.1	14
15	Trans-Modulation of the Somatostatin Type 2A Receptor Trafficking by Insulin-Regulated Aminopeptidase Decreases Limbic Seizures. <i>Journal of Neuroscience</i> , 2015, 35, 11960-11975.	3.6	16
16	Crystal structure of human insulin-regulated aminopeptidase with specificity for cyclic peptides. <i>Protein Science</i> , 2015, 24, 190-199.	7.6	51
17	Identification and development of specific inhibitors for insulin-regulated aminopeptidase as a new class of cognitive enhancers. <i>British Journal of Pharmacology</i> , 2011, 164, 37-47.	5.4	72
18	Phenylalanine-544 Plays a Key Role in Substrate and Inhibitor Binding by Providing a Hydrophobic Packing Point at the Active Site of Insulin-Regulated Aminopeptidase. <i>Molecular Pharmacology</i> , 2010, 78, 600-607.	2.3	21

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19	Identification and characterization of a new cognitive enhancer based on inhibition of insulin-regulated aminopeptidase. <i>FASEB Journal</i> , 2008, 22, 4209-4217.	0.5	95
20	Therapeutic targeting of insulin-regulated aminopeptidase: Heads and tails?. , 2007, 116, 417-427.		42
21	Attenuation of scopolamine-induced learning deficits by LVV-hemorphin-7 in rats in the passive avoidance and water maze paradigms. <i>Behavioural Brain Research</i> , 2004, 154, 239-243.	2.2	62
22	Angiotensin AT <sub>4</sub> ligands are potent, competitive inhibitors of insulin regulated aminopeptidase (IRAP). <i>Journal of Neurochemistry</i> , 2003, 86, 344-350.	3.9	146