

Vivian W Y Liao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

546
citations

933447

10
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	The many faces of the adamantyl group in drug design. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1949-1963.	5.5	247
2	Galantamine is not a positive allosteric modulator of human $\alpha 4\beta 2$ or $\alpha 7$ nicotinic acetylcholine receptors. <i>British Journal of Pharmacology</i> , 2018, 175, 2911-2925.	5.4	38
3	Gain-of-function variants in <i>GABRD</i> reveal a novel pathway for neurodevelopmental disorders and epilepsy. <i>Brain</i> , 2022, 145, 1299-1309.	7.6	34
4	Gain-of-function and loss-of-function <i>GABRB3</i> variants lead to distinct clinical phenotypes in patients with developmental and epileptic encephalopathies. <i>Nature Communications</i> , 2022, 13, 1822.	12.8	32
5	A Carbocyclic Curcumin Inhibits Proliferation of Gram-Positive Bacteria by Targeting FtsZ. <i>Biochemistry</i> , 2017, 56, 514-524.	2.5	25
6	Gain-of-function <i>GABRB3</i> variants identified in vigabatrin-hypersensitive epileptic encephalopathies. <i>Brain Communications</i> , 2020, 2, fcaa162.	3.3	21
7	Functional genomics of epilepsy-associated mutations in the GABAA receptor subunits reveal that one mutation impairs function and two are catastrophic. <i>Journal of Biological Chemistry</i> , 2019, 294, 6157-6171.	3.4	20
8	The Z-Drugs Zolpidem, Zaleplon, and Eszopiclone Have Varying Actions on Human GABAA Receptors Containing $\beta 1$, $\beta 2$, and $\beta 3$ Subunits. <i>Frontiers in Neuroscience</i> , 2020, 14, 599812.	2.8	19
9	Concatenated nicotinic acetylcholine receptors: A gift or a curse?. <i>Journal of General Physiology</i> , 2018, 150, 453-473.	1.9	14
10	Identification of dual <i>PPARα/β</i> agonists and their effects on lipid metabolism. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7676-7684.	3.0	12
11	Concatenated $\beta 3$ -aminobutyric acid type A receptors revisited: Finding order in chaos. <i>Journal of General Physiology</i> , 2019, 151, 798-819.	1.9	12
12	Revisiting autosomal dominant nocturnal frontal lobe epilepsy (ADNFLE) mutations in the nicotinic acetylcholine receptor reveal an increase in efficacy regardless of stoichiometry. <i>Pharmacological Research</i> , 2019, 139, 215-227.	7.1	10
13	Structural mapping of <i>GABRB3</i> variants reveals genotype-phenotype correlations. <i>Genetics in Medicine</i> , 2022, 24, 681-693.	2.4	10
14	Tubulin-Binding 3,5-Bis(styryl)pyrazoles as Lead Compounds for the Treatment of Castration-Resistant Prostate Cancer. <i>Molecular Pharmacology</i> , 2020, 97, 409-422.	2.3	9
15	Targeting GABAC Receptors Improves Post-Stroke Motor Recovery. <i>Brain Sciences</i> , 2021, 11, 315.	2.3	8
16	Amide-based derivatives of $\beta 2$ -alanine hydroxamic acid as histone deacetylase inhibitors: Attenuation of potency through resonance effects. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6200-6204.	2.2	7
17	The Synthesis and Evaluation of Fluoro-, Trifluoromethyl-, and Iodomuscimols as GABA Agonists. <i>Chemistry - A European Journal</i> , 2017, 23, 10848-10852.	3.3	7
18	Heterologous expression of concatenated nicotinic ACh receptors: Pros and cons of subunit concatenation and recommendations for construct designs. <i>British Journal of Pharmacology</i> , 2020, 177, 4275-4295.	5.4	6

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19	Efficient expression of concatenated $\alpha 2$ and $\alpha 3$ GABA _A receptors, their pharmacology and stoichiometry. <i>British Journal of Pharmacology</i> , 2021, 178, 1556-1573.	5.4	6
20	The de novo <i>GABRA4</i> p.Thr300Ile variant found in a patient with early-onset intractable epilepsy and neurodevelopmental abnormalities displays gain-of-function traits. <i>Epilepsia</i> , 2022, 63, 2439-2441.	5.1	6
21	Ligand-gated ion channels in genetic disorders and the question of efficacy. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 126, 105806.	2.8	3