

Angeliki Karamitri

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,823
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Rare MTNR1B variants impairing melatonin receptor 1B function contribute to type 2 diabetes. <i>Nature Genetics</i> , 2012, 44, 297-301.	21.4	319
2	Update on melatonin receptors: IUPHAR Review 20. <i>British Journal of Pharmacology</i> , 2016, 173, 2702-2725.	5.4	312
3	Monitoring of Ligand-independent Dimerization and Ligand-induced Conformational Changes of Melatonin Receptors in Living Cells by Bioluminescence Resonance Energy Transfer. <i>Journal of Biological Chemistry</i> , 2002, 277, 21522-21528.	3.4	277
4	Melatonin in type 2 diabetes mellitus and obesity. <i>Nature Reviews Endocrinology</i> , 2019, 15, 105-125.	9.6	188
5	Melatonin receptors: molecular pharmacology and signalling in the context of system bias. <i>British Journal of Pharmacology</i> , 2018, 175, 3263-3280.	5.4	167
6	Heteromeric MT ₁ /MT ₂ Melatonin Receptors Modulate Photoreceptor Function. <i>Science Signaling</i> , 2013, 6, ra89.	3.6	127
7	Understanding melatonin receptor pharmacology: Latest insights from mouse models, and their relevance to human disease. <i>BioEssays</i> , 2014, 36, 778-787.	2.5	104
8	Convergence of Melatonin and Serotonin (5-HT) Signaling at MT ₂ /5-HT _{2C} Receptor Heteromers. <i>Journal of Biological Chemistry</i> , 2015, 290, 11537-11546.	3.4	90
9	Minireview: Toward the Establishment of a Link between Melatonin and Glucose Homeostasis: Association of Melatonin MT ₂ Receptor Variants with Type 2 Diabetes. <i>Molecular Endocrinology</i> , 2013, 27, 1217-1233.	3.7	46
10	Type 2 diabetes-associated variants of the MT ₂ melatonin receptor affect distinct modes of signaling. <i>Science Signaling</i> , 2018, 11, .	3.6	45
11	Melatonin receptor structures shed new light on melatonin research. <i>Journal of Pineal Research</i> , 2019, 67, e12606.	7.4	34
12	Melatonin MT ₁ and MT ₂ receptor ERK signaling is differentially dependent on G _{α_i} and G _{α_q} proteins. <i>Journal of Pineal Research</i> , 2020, 68, e12641.	7.4	26
13	Importance of the second extracellular loop for melatonin MT ₁ receptor function and absence of melatonin binding in GPR50. <i>British Journal of Pharmacology</i> , 2018, 175, 3281-3297.	5.4	23
14	The Difficult Journey from Genome-wide Association Studies to Pathophysiology: The Melatonin Receptor 1B (MT ₂) Paradigm. <i>Cell Metabolism</i> , 2016, 24, 345-347.	16.2	17
15	Pharmacological evidence for transactivation within melatonin MT ₂ and serotonin 5-HT _{2C} receptor heteromers in mouse brain. <i>FASEB Journal</i> , 2021, 35, e21161.	0.5	12
16	Journal of pineal research guideline for authors: Defining and characterizing melatonin targets. <i>Journal of Pineal Research</i> , 2021, 70, e12712.	7.4	10
17	Circadian, Sleep and Caloric Intake Phenotyping in Type 2 Diabetes Patients With Rare Melatonin Receptor 2 Mutations and Controls: A Pilot Study. <i>Frontiers in Physiology</i> , 2020, 11, 564140.	2.8	9
18	MT ₂ melatonin receptors expressed in the olfactory bulb modulate depressive-like behavior and olfaction in the 6-OHDA model of Parkinson's disease. <i>European Journal of Pharmacology</i> , 2021, 891, 173722.	3.5	8

#	ARTICLE	IF	CITATIONS
19	Identification of Key Regions Mediating Human Melatonin Type 1 Receptor Functional Selectivity Revealed by Natural Variants. ACS Pharmacology and Translational Science, 2021, 4, 1614-1627.	4.9	4
20	Pharmacogenomics of GPCR genes in type 2 diabetes and obesity. Current Opinion in Endocrine and Metabolic Research, 2021, 16, 128-135.	1.4	2
21	Structural Elements Directing G Proteins and β -Arrestin Interactions with the Human Melatonin Type 2 Receptor Revealed by Natural Variants. ACS Pharmacology and Translational Science, 2022, 5, 89-101.	4.9	2