

Gabor Turu

List of Publications by Year in descending order

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28
papers

1,199
citations

394421

19
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1687
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal transduction of the CB1 cannabinoid receptor. <i>Journal of Molecular Endocrinology</i> , 2010, 44, 75-85.	2.5	273
2	Predicting human olfactory perception from chemical features of odor molecules. <i>Science</i> , 2017, 355, 820-826.	12.6	194
3	The Role of Diacylglycerol Lipase in Constitutive and Angiotensin AT1 Receptor-stimulated Cannabinoid CB1 Receptor Activity. <i>Journal of Biological Chemistry</i> , 2007, 282, 7753-7757.	3.4	70
4	Differential β^2 -arrestin binding of AT1 and AT2 angiotensin receptors. <i>FEBS Letters</i> , 2006, 580, 41-45.	2.8	55
5	Paracrine Transactivation of the CB1 Cannabinoid Receptor by AT1 Angiotensin and Other Gq/11 Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 16914-16921.	3.4	53
6	Angiotensin II Induces Vascular Endocannabinoid Release, Which Attenuates Its Vasoconstrictor Effect via CB1 Cannabinoid Receptors. <i>Journal of Biological Chemistry</i> , 2012, 287, 31540-31550.	3.4	47
7	Heterologous phosphorylation-induced formation of a stability lock permits regulation of inactive receptors by β^2 -arrestins. <i>Journal of Biological Chemistry</i> , 2018, 293, 876-892.	3.4	45
8	Differential β^2 -arrestin2 requirements for constitutive and agonist-induced internalization of the CB1 cannabinoid receptor. <i>Molecular and Cellular Endocrinology</i> , 2013, 372, 116-127.	3.2	43
9	Novel mechanisms of G-protein-coupled receptors functions: AT1 angiotensin receptor acts as a signaling hub and focal point of receptor cross-talk. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2018, 32, 69-82.	4.7	43
10	Regulation of endocannabinoid release by G proteins: A paracrine mechanism of G protein-coupled receptor action. <i>Molecular and Cellular Endocrinology</i> , 2012, 353, 29-36.	3.2	39
11	Allosteric interactions within the AT1 angiotensin receptor homodimer: Role of the conserved DRY motif. <i>Biochemical Pharmacology</i> , 2012, 84, 477-485.	4.4	38
12	The Role of β^2 -Arrestin Proteins in Organization of Signaling and Regulation of the AT1 Angiotensin Receptor. <i>Frontiers in Endocrinology</i> , 2019, 10, 519.	3.5	34
13	Mutations in the β^2 -DRY motif of the CB1 cannabinoid receptor result in biased receptor variants. <i>Journal of Molecular Endocrinology</i> , 2015, 54, 75-89.	2.5	33
14	Endocannabinoid-mediated modulation of Gq/11 protein-coupled receptor signaling-induced vasoconstriction and hypertension. <i>Molecular and Cellular Endocrinology</i> , 2015, 403, 46-56.	3.2	31
15	Role of the Proline-rich Domain of Dynamin-2 and Its Interactions with Src Homology 3 Domains during Endocytosis of the AT1 Angiotensin Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 21650-21656.	3.4	30
16	Mechanisms of angiotensin II-mediated regulation of aldosterone synthase expression in H295R human adrenocortical and rat adrenal glomerulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2009, 302, 244-253.	3.2	28
17	The role of the AT1 angiotensin receptor in cardiac hypertrophy: angiotensin II receptor or stretch sensor?. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 405-408.	7.1	26
18	Angiotensin II-Induced Expression of Brain-Derived Neurotrophic Factor in Human and Rat Adrenocortical Cells. <i>Endocrinology</i> , 2010, 151, 1695-1703.	2.8	25

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19	Angiotensin type 1A receptor regulates β^2 -arrestin binding of the β^2 -adrenergic receptor via heterodimerization. <i>Molecular and Cellular Endocrinology</i> , 2017, 442, 113-124.	3.2	22
20	Cross-inhibition of angiotensin AT1 receptors supports the concept of receptor oligomerization. <i>Neurochemistry International</i> , 2007, 51, 261-267.	3.8	19
21	AT1 receptor blocker-insensitive mutant AT1A angiotensin receptors reveal the presence of G protein-independent signaling in C9 cells. <i>Biochemical Pharmacology</i> , 2007, 73, 1582-1592.	4.4	11
22	Biased Coupling to β^2 -Arrestin of Two Common Variants of the CB2 Cannabinoid Receptor. <i>Frontiers in Endocrinology</i> , 2021, 12, 714561.	3.5	10
23	A general method for quantifying ligand binding to unmodified receptors using Gaussia luciferase. <i>Journal of Biological Chemistry</i> , 2021, 296, 100366.	3.4	8
24	Relating underrepresented genomic DNA patterns and tiRNAs: the rule behind the observation and beyond. <i>Biology Direct</i> , 2010, 5, 56.	4.6	7
25	Characterization of Type 1 Angiotensin II Receptor Activation Induced Dual-Specificity MAPK Phosphatase Gene Expression Changes in Rat Vascular Smooth Muscle Cells. <i>Cells</i> , 2021, 10, 3538.	4.1	6
26	Functional Rescue of a Nephrogenic Diabetes Insipidus Causing Mutation in the V2 Vasopressin Receptor by Specific Antagonist and Agonist Pharmacochaperones. <i>Frontiers in Pharmacology</i> , 2022, 13, 811836.	3.5	6
27	Impact of Medium-Sized Extracellular Vesicles on the Transduction Efficiency of Adeno-Associated Viruses in Neuronal and Primary Astrocyte Cell Cultures. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4221.	4.1	3
28	Differential β^2 -arrestin2 requirements of constitutive and agonist-induced internalization of the CB1 cannabinoid receptor. <i>FASEB Journal</i> , 2013, 27, 1172.9.	0.5	0