

# Cagdas D Son

## List of Publications by Year in descending order

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17  
papers

658  
citations

759233

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888059

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotine up-regulates $\alpha 4\beta 2$ nicotinic receptors and ER exit sites via stoichiometry-dependent chaperoning. <i>Journal of General Physiology</i> , 2011, 137, 59-79.	1.9	153
2	Nicotine is a Selective Pharmacological Chaperone of Acetylcholine Receptor Number and Stoichiometry. Implications for Drug Discovery. <i>AAPS Journal</i> , 2009, 11, 167-177.	4.4	148
3	Nicotine Normalizes Intracellular Subunit Stoichiometry of Nicotinic Receptors Carrying Mutations Linked to Autosomal Dominant Nocturnal Frontal Lobe Epilepsy. <i>Molecular Pharmacology</i> , 2009, 75, 1137-1148.	2.3	55
4	Identification of Ligand Binding Regions of the <i>Saccharomyces cerevisiae</i> $\alpha$ -Factor Pheromone Receptor by Photoaffinity Cross-Linking. <i>Biochemistry</i> , 2004, 43, 13193-13203.	2.5	48
5	Unnatural Amino Acid Replacement in a Yeast G Protein-Coupled Receptor in Its Native Environment. <i>Biochemistry</i> , 2008, 47, 5638-5648.	2.5	47
6	Identification of a Contact Region between the Tridecapeptide $\alpha$ -Factor Mating Pheromone of <i>Saccharomyces cerevisiae</i> and Its G Protein-Coupled Receptor by Photoaffinity Labeling. <i>Biochemistry</i> , 2002, 41, 6128-6139.	2.5	38
7	Sequences in the Intracellular Loops of the Yeast Pheromone Receptor Ste2p Required for G Protein Activation. <i>Biochemistry</i> , 2003, 42, 3004-3017.	2.5	32
8	Tyr266 in the Sixth Transmembrane Domain of the Yeast $\alpha$ -Factor Receptor Plays Key Roles in Receptor Activation and Ligand Specificity. <i>Biochemistry</i> , 2002, 41, 13681-13689.	2.5	27
9	Cross-Linking of a DOPA-Containing Peptide Ligand into Its G Protein-Coupled Receptor. <i>Biochemistry</i> , 2009, 48, 2033-2044.	2.5	25
10	Affinity purification and characterization of a G-protein coupled receptor, <i>Saccharomyces cerevisiae</i> Ste2p. <i>Protein Expression and Purification</i> , 2007, 56, 62-71.	1.3	20
11	Analysis of ligand-receptor cross-linked fragments by mass spectrometry*. <i>Chemical Biology and Drug Design</i> , 2005, 65, 418-426.	1.1	19
12	The yeast Ste2p G protein-coupled receptor dimerizes on the cell plasma membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 698-711.	2.6	13
13	GPCR-G $\alpha$ protein precoupling: Interaction between Ste2p, a yeast GPCR, and Gpa1p, its G $\alpha$ protein, is formed before ligand binding via the Ste2p C-terminal domain and the Gpa1p N-terminal domain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2435-2446.	2.6	11
14	Three dimensional structure prediction of panomycocin, a novel Exo- $\beta$ -1,3-glucanase isolated from <i>Wickerhamomyces anomalus</i> NCYC 434 and the computational site-directed mutagenesis studies to enhance its thermal stability for therapeutic applications. <i>Computational Biology and Chemistry</i> , 2019, 80, 270-277.	2.3	9
15	Allergen fragrance molecules: a potential relief for COVID-19. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 41.	2.7	6
16	Ste2p Under the Microscope: the Investigation of Oligomeric States of a Yeast G Protein-Coupled Receptor. <i>Journal of Physical Chemistry B</i> , 2021, 125, 9526-9536.	2.6	4
17	GPCRsort: Responding to the Next Generation Sequencing Data Challenge: Prediction of G Protein-Coupled Receptor Classes Using Only Structural Region Lengths. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 636-644.	2.0	3