

Liaoyuan A Hu

List of Publications by Year in descending order

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papers

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1040056

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465
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#	ARTICLE	IF	CITATIONS
1	APLNR Regulates IFN- $\hat{1}^3$ signaling via $\hat{1}^2$ -arrestin 1 mediated JAK-STAT1 pathway in melanoma cells. <i>Biochemical Journal</i> , 2022, 479, 385-399.	3.7	2
2	Structural insights into ligand recognition and selectivity of somatostatin receptors. <i>Cell Research</i> , 2022, 32, 761-772.	12.0	16
3	Different conformational responses of the $\hat{1}^2$ -adrenergic receptor-Gs complex upon binding of the partial agonist salbutamol or the full agonist isoprenaline. <i>National Science Review</i> , 2021, 8, .	9.5	20
4	Cryo-EM structures of PAC1 receptor reveal ligand binding mechanism. <i>Cell Research</i> , 2020, 30, 436-445.	12.0	35
5	Structure-guided discovery of a single-domain antibody agonist against human apelin receptor. <i>Science Advances</i> , 2020, 6, eaax7379.	10.3	50
6	Function-based high-throughput screening for antibody antagonists and agonists against G protein-coupled receptors. <i>Communications Biology</i> , 2020, 3, 146.	4.4	21
7	Loss of APJ mediated $\hat{1}^2$ -arrestin signalling improves high-fat diet induced metabolic dysfunction but does not alter cardiac function in mice. <i>Biochemical Journal</i> , 2020, 477, 3313-3327.	3.7	5
8	Cardiovascular response to small-molecule APJ activation. <i>JCI Insight</i> , 2020, 5, .	5.0	29
9	Molecular Mechanism for Ligand Recognition and Subtype Selectivity of $\hat{1}^{\pm 2}C$ Adrenergic Receptor. <i>Cell Reports</i> , 2019, 29, 2936-2943.e4.	6.4	17
10	GPCR structure and function relationship: identification of a biased apelin receptor mutant. <i>Biochemical Journal</i> , 2018, 475, 3813-3826.	3.7	15
11	Structural Basis for Apelin Control of the Human Apelin Receptor. <i>Structure</i> , 2017, 25, 858-866.e4.	3.3	96