

Wayne Stallaert

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

454
citations

932766

10
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	Impedance Responses Reveal β 2-Adrenergic Receptor Signaling Pluridimensionality and Allow Classification of Ligands with Distinct Signaling Profiles. PLoS ONE, 2012, 7, e29420.	1.1	87
2	Ligand functional selectivity and quantitative pharmacology at G protein-coupled receptors. Expert Opinion on Drug Discovery, 2011, 6, 811-825.	2.5	64
3	Evolutionary action and structural basis of the allosteric switch controlling β 2AR functional selectivity. Nature Communications, 2017, 8, 2169.	5.8	61
4	Purinergic Receptor Transactivation by the β 2-Adrenergic Receptor Increases Intracellular Ca^{2+} in Nonexcitable Cells. Molecular Pharmacology, 2017, 91, 533-544.	1.0	52
5	Contact inhibitory Eph signaling suppresses EGF-promoted cell migration by decoupling EGFR activity from vesicular recycling. Science Signaling, 2018, 11, .	1.6	48
6	Interdependence between EGFR and Phosphatases Spatially Established by Vesicular Dynamics Generates a Growth Factor Sensing and Responding Network. Cell Systems, 2018, 7, 295-309.e11.	2.9	38
7	Ligand bias prevents class equality among beta-blockers. Current Opinion in Pharmacology, 2014, 16, 50-57.	1.7	33
8	Bistable switches as integrators and actuators during cell cycle progression. FEBS Letters, 2019, 593, 2805-2816.	1.3	27
9	The structure of the human cell cycle. Cell Systems, 2022, 13, 230-240.e3.	2.9	20
10	Growth factor-dependent ErbB vesicular dynamics couple receptor signaling to spatially and functionally distinct Erk pools. Science Signaling, 2021, 14, .	1.6	18
11	Probing the Functional Selectivity of β 2-adrenergic Receptors Reveals New Signaling Modes and Potential Therapeutic Applications. , 2014, , 112.		0