

Silvia Sposini

List of Publications by Year in descending order

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14
papers

378
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1040056

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14
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of GPCR Signaling and Sorting from Very Early Endosomes via Opposing APPL1 Mechanisms. <i>Cell Reports</i> , 2017, 21, 2855-2867.	6.4	88
2	AP2 β Mutations Impair Calcium-Sensing Receptor Trafficking and Signaling, and Show an Endosomal Pathway to Spatially Direct G-Protein Selectivity. <i>Cell Reports</i> , 2018, 22, 1054-1066.	6.4	66
3	NMDAR-dependent long-term depression is associated with increased short term plasticity through autophagy mediated loss of PSD-95. <i>Nature Communications</i> , 2021, 12, 2849.	12.8	57
4	Genetically encoded intrabody sensors report the interaction and trafficking of β -arrestin 1 upon activation of G-protein-coupled receptors. <i>Journal of Biological Chemistry</i> , 2020, 295, 10153-10167.	3.4	29
5	Functional recruitment of dynamin requires multimeric interactions for efficient endocytosis. <i>Nature Communications</i> , 2019, 10, 4462.	12.8	27
6	Spatial encryption of G protein-coupled receptor signaling in endosomes; Mechanisms and applications. <i>Biochemical Pharmacology</i> , 2017, 143, 1-9.	4.4	25
7	Identification of transmembrane domains that regulate spatial arrangements and activity of prokineticin receptor 2 dimers. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 362-372.	3.2	19
8	Evolving View of Membrane Trafficking and Signaling Systems for G Protein-Coupled Receptors. <i>Progress in Molecular and Subcellular Biology</i> , 2018, 57, 273-299.	1.6	14
9	Pharmacological Programming of Endosomal Signaling Activated by Small Molecule Ligands of the Follicle Stimulating Hormone Receptor. <i>Frontiers in Pharmacology</i> , 2020, 11, 593492.	3.5	12
10	Selective endocytosis of Ca ²⁺ -permeable AMPARs by the Alzheimer's disease risk factor CALM bidirectionally controls synaptic plasticity. <i>Science Advances</i> , 2022, 8, .	10.3	12
11	Imaging endocytic vesicle formation at high spatial and temporal resolutions with the pulsed-pH protocol. <i>Nature Protocols</i> , 2020, 15, 3088-3104.	12.0	10
12	Driving gonadotrophin hormone receptor signalling: the role of membrane trafficking. <i>Reproduction</i> , 2018, 156, R195-R208.	2.6	9
13	Pharmacological Characterization of Low Molecular Weight Biased Agonists at the Follicle Stimulating Hormone Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9850.	4.1	7
14	Confocal and TIRF microscopy based approaches to visualize arrestin trafficking in living cells. <i>Methods in Cell Biology</i> , 2021, 166, 179-203.	1.1	3