

# Isabella Maiellaro

## List of Publications by Year in descending order

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17  
papers

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687363

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1210  
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#	ARTICLE	IF	CITATIONS
1	In Vivo cAMP Dynamics in Drosophila Larval Neurons. <i>Methods in Molecular Biology</i> , 2022, 2483, 181-194.	0.9	0
2	Receptor-associated independent cAMP nanodomains mediate spatiotemporal specificity of GPCR signaling. <i>Cell</i> , 2022, 185, 1130-1142.e11.	28.9	85
3	Bioluminescence in G Protein-Coupled Receptors Drug Screening Using Nanoluciferase and Halo-Tag Technology. <i>Methods in Molecular Biology</i> , 2021, 2268, 137-147.	0.9	6
4	Optical Mapping of cAMP Signaling at the Nanometer Scale. <i>Cell</i> , 2020, 182, 1519-1530.e17.	28.9	125
5	A universal bioluminescence resonance energy transfer sensor design enables high-sensitivity screening of GPCR activation dynamics. <i>Communications Biology</i> , 2018, 1, 105.	4.4	36
6	Experimental and mathematical analysis of cAMP nanodomains. <i>PLoS ONE</i> , 2017, 12, e0174856.	2.5	42
7	Mechano-dependent signaling by Latrophilin/CIRL quenches cAMP in proprioceptive neurons. <i>ELife</i> , 2017, 6, .	6.0	138
8	cAMP Signals in Drosophila Motor Neurons Are Confined to Single Synaptic Boutons. <i>Cell Reports</i> , 2016, 17, 1238-1246.	6.4	55
9	Model Organisms in G Protein-Coupled Receptor Research. <i>Molecular Pharmacology</i> , 2015, 88, 596-603.	2.3	21
10	Store-operated cAMP signaling contributes to Ca <sup>2+</sup> -activated Cl <sup>-</sup> secretion in T84 colonic cells. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G670-G679.	3.4	10
11	cAMP signaling microdomains and their observation by optical methods. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 350.	3.7	45
12	Kinetics and mechanism of G protein-coupled receptor activation. <i>Current Opinion in Cell Biology</i> , 2014, 27, 87-93.	5.4	51
13	Termination and activation of store-operated cyclic AMP production. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2715-2725.	3.6	20
14	Glucose increases extracellular [Ca <sup>2+</sup> ] in rat insulinoma (INS-1E) pseudoislets as measured with Ca <sup>2+</sup> -sensitive microelectrodes. <i>Cell Calcium</i> , 2012, 51, 393-401.	2.4	17
15	<i>Pseudomonas aeruginosa</i> Homoserine Lactone Activates Store-operated cAMP and Cystic Fibrosis Transmembrane Regulator-dependent Cl <sup>-</sup> Secretion by Human Airway Epithelia. <i>Journal of Biological Chemistry</i> , 2010, 285, 34850-34863.	3.4	31
16	Store-operated cyclic AMP signalling mediated by STIM1. <i>Nature Cell Biology</i> , 2009, 11, 433-442.	10.3	145
17	Ca <sup>2+</sup> -Dependent K <sup>+</sup> Efflux Regulates Deoxycholate-Induced Apoptosis of BHK-21 and Caco-2 Cells. <i>Gastroenterology</i> , 2009, 137, 955-964.e2.	1.3	7