

# CITATION REPORT

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## High-Content Imaging Platform for Profiling Intracellular Signaling Network Activity in Living Cells

DOI: 10.1016/j.chembiol.2016.11.008  
Cell Chemical Biology, 2016, 23, 1550-1559.

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**Version:** 2024-04-27

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19	RNA Polymerase Tags To Monitor Multidimensional Protein-Protein Interactions Reveal Pharmacological Engagement of Bcl-2 Proteins. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 11964-11972	16.4	11
18	Competitive ligands facilitate dissociation of the complex of bifunctional inhibitor and protein kinase. <i>Biophysical Chemistry</i> , <b>2017</b> , 228, 17-24	3.5	5
17	Genetically Encoded Fluorescent Biosensors Illuminate the Spatiotemporal Regulation of Signaling Networks. <i>Chemical Reviews</i> , <b>2018</b> , 118, 11707-11794	68.1	186
16	Optical tools for understanding the complexity of cell signalling and insulin release. <i>Nature Reviews Endocrinology</i> , <b>2018</b> , 14, 721-737	15.2	23
15	Physical biology of GPCR signalling dynamics inferred from fluorescence spectroscopy and imaging. <i>Current Opinion in Structural Biology</i> , <b>2019</b> , 55, 204-211	8.1	7
14	Biofunctionalized Materials Featuring Feedforward and Feedback Circuits Exemplified by the Detection of Botulinum Toxin A. <i>Advanced Science</i> , <b>2019</b> , 6, 1801320	13.6	6
13	Multiplexed Optical Sensors in Arrayed Islands of Cells for multimodal recordings of cellular physiology. <i>Nature Communications</i> , <b>2020</b> , 11, 3881	17.4	12
12	PlotTwist: A web app for plotting and annotating continuous data. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000581	9.7	22
11	Profiling Cell Signaling Networks at Single-cell Resolution. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 744-756	7.6	16
10	Simultaneous readout of multiple FRET pairs using photochromism.		
9	Simultaneous readout of multiple FRET pairs using photochromism. <i>Nature Communications</i> , <b>2021</b> , 12, 2005	17.4	7
8	Heterogeneity and dynamics of ERK and Akt activation by G protein-coupled receptors depend on the activated heterotrimeric G proteins.		1
7	A combinatorial extracellular code tunes the intracellular signaling network activity to distinct cellular responses.		1
6	Deciphering cell signaling networks with massively multiplexed biosensor barcoding. <i>Cell</i> , <b>2021</b> , 184, 6193-6206.e14	56.2	4
5	Single cell imaging of ERK and Akt activation dynamics and heterogeneity induced by G protein-coupled receptors.. <i>Journal of Cell Science</i> , <b>2022</b> ,	5.3	2
4	Identification of cell type-specific correlations between ERK activity and cell viability upon treatment with ERK1/2 inhibitors. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 102226	5.4	0
3	Spectrally Tunable Förster Resonance Energy Transfer-Based Biosensors Using Organic Dye Grafting.		0

2 Smart genetically-encoded biosensors for the chemical monitoring of living systems. ○

1 `{Fluo}`: A Domain-Specific Language for Experiments in Fluorescence Microscopy (Application Paper). **2023**, 73-82 ○