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Novel lipid tools and probes for biological investigations

DOI: 10.1016/j.ceb.2018.06.013

Current Opinion in Cell Biology, 2018, 53, 97-104.

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Version: 2024-04-23

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#	Paper	IF	Citations
50	Plasma membrane imaging with a fluorescent benzothiadiazole derivative. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 2644-2654	2.5	6
49	Photocrosslinking probes for capture of carbohydrate interactions. <i>Current Opinion in Chemical Biology</i> , 2019 , 53, 173-182	9.7	17
48	Controlled Cellular Delivery of Amphiphilic Cargo by Redox-Responsive Nanocontainers. <i>Advanced Science</i> , 2019 , 6, 1901935	13.6	11
47	A Coumarin Triflate Reagent Enables One-Step Synthesis of Photo-Caged Lipid Metabolites for Studying Cell Signaling. <i>Chemistry - A European Journal</i> , 2019 , 25, 15483-15487	4.8	6
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45	Sphingomyelin Breakdown in T Cells: Role of Membrane Compartmentalization in T Cell Signaling and Interference by a Pathogen. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 152	5.7	7
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42	Phosphoinositide switches in endocytosis and in the endolysosomal system. <i>Current Opinion in Cell Biology</i> , 2019 , 59, 50-57	9	17
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40	BODIPY with Tuned Amphiphilicity as a Fluorogenic Plasma Membrane Probe. <i>Bioconjugate Chemistry</i> , 2019 , 30, 192-199	6.3	28
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38	Emergent Glycerophospholipid Fluorescent Probes: Synthesis and Applications. <i>Bioconjugate Chemistry</i> , 2020 , 31, 417-435	6.3	6
37	Phosphatidylinositol 3,4-bisphosphate synthesis and turnover are spatially segregated in the endocytic pathway. <i>Journal of Biological Chemistry</i> , 2020 , 295, 1091-1104	5.4	6
36	Metabolic labeling of glycerophospholipids via clickable analogs derivatized at the lipid headgroup. <i>Chemistry and Physics of Lipids</i> , 2020 , 232, 104971	3.7	5
35	Membrane Biology: Disentangling Cellular Lipid Connections. <i>Current Biology</i> , 2020 , 30, R1090-R1092	6.3	
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32	Pre-targeted Imaging of Protease Activity through In Situ Assembly of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7864-7870	16.4	22
31	Lipid Rafts. <i>Methods in Molecular Biology</i> , 2021 ,	1.4	0
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28	Expression of a membrane-targeted fluorescent reporter disrupts auditory hair cell mechano-electrical transduction and causes profound deafness. <i>Hearing Research</i> , 2021 , 404, 108212	3.9	0
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24	Synthesis and Cellular Labeling of Multifunctional Phosphatidylinositol Bis- and Trisphosphate Derivatives. <i>Angewandte Chemie</i> , 2021 , 133, 19912-19918	3.6	0
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6	Synthesis of push-pull-activated ynol ethers and their evaluation in the bioorthogonal hydroamination reaction.		0
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1	Harnessing Clickable Acylated Glycerol Probes as Chemical Tools for Tracking Glycerolipid Metabolism.		0