

AndrÃ© Nadler

List of Publications by Year in descending order

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29
papers

1,050
citations

516215

16
h-index

414034

32
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40
all docs

40
docs citations

40
times ranked

1593
citing authors

#	ARTICLE	IF	CITATIONS
1	Live-cell lipid biochemistry reveals a role of diacylglycerol side-chain composition for cellular lipid dynamics and protein affinities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7729-7738.	3.3	45
2	Glycolysis regulates Hedgehog signalling via the plasma membrane potential. <i>EMBO Journal</i> , 2020, 39, e101767.	3.5	15
3	Messages across time and space. <i>ELife</i> , 2020, 9, .	2.8	1
4	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.	1.7	7
5	Quantitative Fragmentation Model for Bottom-Up Shotgun Lipidomics. <i>Analytical Chemistry</i> , 2019, 91, 12085-12093.	3.2	17
6	The Next Frontier: Quantitative Biochemistry in Living Cells. <i>Biochemistry</i> , 2018, 57, 47-55.	1.2	10
7	Der Click-Cage: Organellspezifische Photoaktivierung von Lipid-Botenstoffen. <i>Angewandte Chemie</i> , 2018, 130, 13523-13527.	1.6	11
8	A Click Cage: Organellspezifische Uncaging of Lipid Messengers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13339-13343.	7.2	72
9	Trifunctional lipid probes for comprehensive studies of single lipid species in living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1566-1571.	3.3	100
10	Tetraspanin microdomains control localized protein kinase C signaling in B cells. <i>Science Signaling</i> , 2017, 10, .	1.6	35
11	Phosphatidylinositol 4,5-bisphosphate optical uncaging potentiates exocytosis. <i>ELife</i> , 2017, 6, .	2.8	39
12	Manipulating cell signaling with subcellular spatial resolution. <i>Cell Cycle</i> , 2016, 15, 1023-1024.	1.3	1
13	Optotaxis: Caged Lysophosphatidic Acid Enables Optical Control of a Chemotactic Gradient. <i>Cell Chemical Biology</i> , 2016, 23, 629-634.	2.5	16
14	Lipid Discovery by Combinatorial Screening and Untargeted LC-MS/MS. <i>Scientific Reports</i> , 2016, 6, 27920.	1.6	10
15	Exclusive photorelease of signalling lipids at the plasma membrane. <i>Nature Communications</i> , 2015, 6, 10056.	5.8	67
16	The Site of Arachidonic Acid Release Drives Calcium Dynamics in \hat{I}^2 -Cells. <i>Biophysical Journal</i> , 2015, 108, 417a.	0.2	0
17	A Photocleavable Auxiliary for Extended Native Chemical Ligation. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3095-3102.	1.2	14
18	Caged lipids as tools for investigating cellular signaling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1085-1096.	1.2	83

#	ARTICLE	IF	CITATIONS
19	Membrane Lipids Tune Synaptic Transmission by Direct Modulation of Presynaptic Potassium Channels. <i>Neuron</i> , 2014, 81, 787-799.	3.8	88
20	PIP ₃ Induces the Recycling of Receptor Tyrosine Kinases. <i>Science Signaling</i> , 2014, 7, ra5.	1.6	39
21	The Power of Fluorogenic Probes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2408-2410.	7.2	146
22	The Fatty Acid Composition of Diacylglycerols Determines Local Signaling Patterns. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6330-6334.	7.2	66
23	Semi-synthesis and Analysis of Chemically Modified Zif268 Zinc-Finger Domains. <i>ChemistryOpen</i> , 2012, 1, 26-32.	0.9	3
24	Triostin A derived hybrid for simultaneous DNA binding and metal coordination. <i>Amino Acids</i> , 2011, 41, 449-456.	1.2	7
25	8-Vinyl-2-deoxyguanosine as a Fluorescent 2-Deoxyguanosine Mimic for Investigating DNA Hybridization and Topology. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5392-5396.	7.2	60
26	Influence of Substrate Dideuteration on the Reaction of the Bifunctional Heme Enzyme Psi Factor Producing Oxygenase A (PpoA). <i>ChemBioChem</i> , 2011, 12, 728-737.	1.3	6
27	Synthesis of 8,1 TM -etheno and 8,2 TM -ethano Bridged Guanosine Derivatives Using Radical Cyclization. <i>Heterocycles</i> , 2010, 82, 713.	0.4	3
28	Histidine Analog Amino Acids Providing Metal-Binding Sites Derived from Bioinorganic Model Systems. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4593-4599.	1.2	18
29	Guanosine Analog with Respect to DNA Stabilization: Nucleotide with Combined C8-Bromo and C2-Ethynyl Modifications. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1544-1549.	1.2	12