

# Andr Nadler

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

800  
citations

15  
h-index

28  
g-index

40  
ext. papers

952  
ext. citations

7.2  
avg. IF

4.29  
L-index

#	Paper	IF	Citations
31	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> , <b>2020</b> , 117, 7729-7738	11.5	19
30	Glycolysis regulates Hedgehog signalling via the plasma membrane potential. <i>EMBO Journal</i> , <b>2020</b> , 39, e101767	13	6
29	Messages across time and space. <i>ELife</i> , <b>2020</b> , 9,	8.9	1
28	A Coumarin Triflate Reagent Enables One-Step Synthesis of Photo-Caged Lipid Metabolites for Studying Cell Signaling. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15483-15487	4.8	6
27	Quantitative Fragmentation Model for Bottom-Up Shotgun Lipidomics. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12085-12093	7.8	11
26	Der Click-Cage: Organell-spezifische Photoaktivierung von Lipid-Botenstoffen. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 13523-13527	3.6	6
25	A Click Cage: Organelle-Specific Uncaging of Lipid Messengers. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 13339-13343	16.4	40
24	The Next Frontier: Quantitative Biochemistry in Living Cells. <i>Biochemistry</i> , <b>2018</b> , 57, 47-55	3.2	8
23	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> , <b>2017</b> , 114, 1566-1571	11.5	68
22	Tetraspanin microdomains control localized protein kinase C signaling in B cells. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	23
21	Phosphatidylinositol 4,5-bisphosphate optical uncaging potentiates exocytosis. <i>ELife</i> , <b>2017</b> , 6,	8.9	24
20	Lipid Discovery by Combinatorial Screening and Untargeted LC-MS/MS. <i>Scientific Reports</i> , <b>2016</b> , 6, 27920	4.9	8
19	Optotaxis: Caged Lysophosphatidic Acid Enables Optical Control of a Chemotactic Gradient. <i>Cell Chemical Biology</i> , <b>2016</b> , 23, 629-634	8.2	14
18	A Photocleavable Auxiliary for Extended Native Chemical Ligation. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 3095-3102	3.2	13
17	Exclusive photorelease of signalling lipids at the plasma membrane. <i>Nature Communications</i> , <b>2015</b> , 6, 10056	17.4	49
16	Membrane lipids tune synaptic transmission by direct modulation of presynaptic potassium channels. <i>Neuron</i> , <b>2014</b> , 81, 787-99	13.9	60
15	PIP <sub>2</sub> induces the recycling of receptor tyrosine kinases. <i>Science Signaling</i> , <b>2014</b> , 7, ra5	8.8	30

14	Caged lipids as tools for investigating cellular signaling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2014</b> , 1841, 1085-96	5	69
13	The power of fluorogenic probes. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2408-10	16.4	134
12	The fatty acid composition of diacylglycerols determines local signaling patterns. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 6330-4	16.4	52
11	Die Fettsäurezusammensetzung von Diacylglycerinen bestimmt lokale Signalmuster. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 6455-6459	3.6	11
10	Rücktitelbild: Die Fettsäurezusammensetzung von Diacylglycerinen bestimmt lokale Signalmuster (Angew. Chem. 24/2013). <i>Angewandte Chemie</i> , <b>2013</b> , 125, 6466-6466	3.6	
9	Die Stärken fluorogener Sonden. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 2466-2469	3.6	27
8	Semi-synthesis and analysis of chemically modified zif268 zinc-finger domains. <i>ChemistryOpen</i> , <b>2012</b> , 1, 26-32	2.3	3
7	Triostin A derived hybrid for simultaneous DNA binding and metal coordination. <i>Amino Acids</i> , <b>2011</b> , 41, 449-56	3.5	7
6	8-Vinyl-2'-deoxyguanosin als fluoreszierendes 2'-Desoxyguanosin- Analogon zur Untersuchung von DNA-Hybridisierung und Topologie. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 5504-5508	3.6	17
5	8-Vinyl-2'-deoxyguanosine as a fluorescent 2'-deoxyguanosine mimic for investigating DNA hybridization and topology. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5392-6	16.4	56
4	Influence of substrate dideuteration on the reaction of the bifunctional heme enzyme psi factor producing oxygenase A (PpoA). <i>ChemBioChem</i> , <b>2011</b> , 12, 728-37	3.8	6
3	Synthesis of 8,1-Etheno and 8,2-Ethano Bridged Guanosine Derivatives Using Radical Cyclization. <i>Heterocycles</i> , <b>2010</b> , 82, 713	0.8	2
2	Histidine Analog Amino Acids Providing Metal-Binding Sites Derived from Bioinorganic Model Systems. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 4593-4599	3.2	18
1	Guanosine Analog with Respect to Z-DNA Stabilization: Nucleotide with Combined C8-Bromo and C2'-Ethynyl Modifications. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 1544-1549	3.2	10