

# Remy Sounier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6129134/publications.pdf>

Version: 2024-02-01

22  
papers

1,251  
citations

623734

14  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1809  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of conformational changes during $\mu$ -opioid receptor activation. <i>Nature</i> , 2015, 524, 375-378.	27.8	227
2	Stereospecific Isotopic Labeling of Methyl Groups for NMR Spectroscopic Studies of High-Molecular-Weight Proteins. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1958-1962.	13.8	193
3	Structural insights into adiponectin receptors suggest ceramidase activity. <i>Nature</i> , 2017, 544, 120-123.	27.8	168
4	Methyl-specific isotopic labeling: a molecular tool box for solution NMR studies of large proteins. <i>Current Opinion in Structural Biology</i> , 2015, 32, 113-122.	5.7	157
5	An efficient protocol for the complete incorporation of methyl-protonated alanine in perdeuterated protein. <i>Journal of Biomolecular NMR</i> , 2009, 43, 111-119.	2.8	140
6	Integrated NMR and cryo-EM atomic-resolution structure determination of a half-megadalton enzyme complex. <i>Nature Communications</i> , 2019, 10, 2697.	12.8	80
7	High-Accuracy Distance Measurement between Remote Methyls in Specifically Protonated Proteins. <i>Journal of the American Chemical Society</i> , 2007, 129, 472-473.	13.7	43
8	How Detergent Impacts Membrane Proteins: Atomic-Level Views of Mitochondrial Carriers in Dodecylphosphocholine. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 933-938.	4.6	41
9	Structure of a human intramembrane ceramidase explains enzymatic dysfunction found in leukodystrophy. <i>Nature Communications</i> , 2018, 9, 5437.	12.8	40
10	Molecular insights into the biased signaling mechanism of the $\mu$ -opioid receptor. <i>Molecular Cell</i> , 2021, 81, 4165-4175.e6.	9.7	40
11	Cryo-electron microscopy structure of the antidiuretic hormone arginine-vasopressin V2 receptor signaling complex. <i>Science Advances</i> , 2021, 7, .	10.3	25
12	Selective and Wash-Resistant Fluorescent Dihydrocodeinone Derivatives Allow Single-Molecule Imaging of $\mu$ -Opioid Receptor Dimerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5958-5964.	13.8	23
13	Mapping Conformational Heterogeneity of Mitochondrial Nucleotide Transporter in Uninhibited States. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2436-2441.	13.8	15
14	Methyl-Specific Isotope Labeling Strategies for NMR Studies of Membrane Proteins. <i>Methods in Molecular Biology</i> , 2017, 1635, 109-123.	0.9	11
15	Modular Imaging Scaffold for Single-Particle Electron Microscopy. <i>ACS Nano</i> , 2021, 15, 4186-4196.	14.6	7
16	Sensitivity-optimized experiment for the measurement of residual dipolar couplings between amide protons. <i>Journal of Biomolecular NMR</i> , 2007, 38, 47-55.	2.8	6
17	Selective and Wash-Resistant Fluorescent Dihydrocodeinone Derivatives Allow Single-Molecule Imaging of $\mu$ -Opioid Receptor Dimerization. <i>Angewandte Chemie</i> , 2020, 132, 6014-6020.	2.0	5
18	$^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ backbone chemical shift assignments of camelid single-domain antibodies against active state $\mu$ -opioid receptor. <i>Biomolecular NMR Assignments</i> , 2017, 11, 117-121.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Solution Nuclear Magnetic Resonance Spectroscopy. <i>Methods in Molecular Biology</i> , 2013, 955, 495-517.	0.9	2
20	Mapping Conformational Heterogeneity of Mitochondrial Nucleotide Transporter in Uninhibited States. <i>Angewandte Chemie</i> , 2015, 127, 2466-2471.	2.0	2
21	Inside Cover: Stereospecific Isotopic Labeling of Methyl Groups for NMR Spectroscopic Studies of High-Molecular-Weight Proteins ( <i>Angew. Chem. Int. Ed.</i> 11/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1896-1896.	13.8	1
22	Innenr&uuml;cktitelbild: Selective and Wash&uuml;CResistant Fluorescent Dihydrocodeinone Derivatives Allow Single&uuml;Molecule Imaging of <sup>13</sup> C&uuml;Opioid Receptor Dimerization ( <i>Angew. Chem.</i> 15/2020). <i>Angewandte Chemie</i> , 2020, 132, 6348-6348.	2.0	1