

# Naomi R Latorraca

## List of Publications by Year in descending order

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26  
papers

4,095  
citations

304602

22  
h-index

580701

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

4599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic basis for ubiquitin modulation of a protein energy landscape. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	5
2	How GPCR Phosphorylation Patterns Orchestrate Arrestin-Mediated Signaling. Cell, 2020, 183, 1813-1825.e18.	13.5	100
3	Molecular Mechanism of Biased Signaling in a Prototypical G-protein-coupled Receptor. Biophysical Journal, 2020, 118, 162a.	0.2	4
4	Angiotensin and biased analogs induce structurally distinct active conformations within a GPCR. Science, 2020, 367, 888-892.	6.0	150
5	Molecular mechanism of biased signaling in a prototypical G protein-coupled receptor. Science, 2020, 367, 881-887.	6.0	168
6	Structure of the M2 muscarinic receptor- $\beta$ 2-arrestin complex in a lipid nanodisc. Nature, 2020, 579, 297-302.	13.7	238
7	Structural and functional characterization of G protein-coupled receptors with deep mutational scanning. ELife, 2020, 9, .	2.8	91
8	Structure and mechanism of the cation-chloride cotransporter NKCC1. Nature, 2019, 572, 488-492.	13.7	89
9	Smoothed stimulation by membrane sterols drives Hedgehog pathway activity. Nature, 2019, 571, 284-288.	13.7	154
10	Conformational transitions of a neurotensin receptor-Gi1 complex. Nature, 2019, 572, 80-85.	13.7	199
11	Diverse GPCRs exhibit conserved water networks for stabilization and activation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3288-3293.	3.3	116
12	Structure of a Signaling Cannabinoid Receptor 1-G Protein Complex. Cell, 2019, 176, 448-458.e12.	13.5	323
13	Angiotensin Analogs with Divergent Bias Stabilize Distinct Receptor Conformations. Cell, 2019, 176, 468-478.e11.	13.5	194
14	Quantitative mapping of protein-peptide affinity landscapes using spectrally encoded beads. ELife, 2019, 8, .	2.8	53
15	G <sub>i</sub> and G <sub>s</sub> -coupled GPCRs show different modes of G-protein binding. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2383-2388.	3.3	64
16	Molecular mechanism of GPCR-mediated arrestin activation. Nature, 2018, 557, 452-456.	13.7	166
17	Catalytic activation of $\beta$ 2-arrestin by GPCRs. Nature, 2018, 557, 381-386.	13.7	175
18	Structure of the $\mu$ -opioid receptor-Gi protein complex. Nature, 2018, 558, 547-552.	13.7	527

#	ARTICLE	IF	CITATIONS
19	Mechanism of Substrate Translocation in an Alternating Access Transporter. <i>Cell</i> , 2017, 169, 96-107.e12.	13.5	89
20	Identification of Phosphorylation Codes for Arrestin Recruitment by G Protein-Coupled Receptors. <i>Cell</i> , 2017, 170, 457-469.e13.	13.5	344
21	Mechanism of intracellular allosteric $\beta_2$ AR antagonist revealed by X-ray crystal structure. <i>Nature</i> , 2017, 548, 480-484.	13.7	148
22	GPCR Dynamics: Structures in Motion. <i>Chemical Reviews</i> , 2017, 117, 139-155.	23.0	561
23	Revealing Atomic-Level Mechanisms of Protein Allostery with Molecular Dynamics Simulations. <i>PLoS Computational Biology</i> , 2016, 12, e1004746.	1.5	85
24	Continuum Approaches to Understanding Ion and Peptide Interactions with the Membrane. <i>Journal of Membrane Biology</i> , 2014, 247, 395-408.	1.0	10
25	Membrane bending is critical for the stability of voltage sensor segments in the membrane. <i>Journal of General Physiology</i> , 2012, 140, 55-68.	0.9	29
26	Corrole protein interactions in H-NOX and HasA. <i>RSC Chemical Biology</i> , 0, , .	2.0	2