

# Enrico Rennella

## List of Publications by Year in descending order

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14  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	ClpB N-terminal domain plays a regulatory role in protein disaggregation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6872-81.	7.1	79
2	Stabilization of amyloidogenic immunoglobulin light chains by small molecules. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8360-8369.	7.1	52
3	An allosteric switch regulates <i>Mycobacterium tuberculosis</i> ClpP1P2 protease function as established by cryo-EM and methyl-TROSY NMR. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5895-5906.	7.1	47
4	Role of domain interactions in the aggregation of full-length immunoglobulin light chains. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 854-863.	7.1	45
5	A methyl-TROSY approach for NMR studies of high-molecular-weight DNA with application to the nucleosome core particle. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12836-12846.	7.1	38
6	Exploiting conformational plasticity in the AAA+ protein VCP/p97 to modify function. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6822-E6829.	7.1	33
7	<sup>13</sup> CHD2 CEST NMR spectroscopy provides an avenue for studies of conformational exchange in high molecular weight proteins. Journal of Biomolecular NMR, 2015, 63, 187-199.	2.8	30
8	The Role of Protein Thermodynamics and Primary Structure in Fibrillogenesis of Variable Domains from Immunoglobulin Light Chains. Journal of the American Chemical Society, 2019, 141, 13562-13571.	13.7	24
9	Self-Assembly of Human Profilin-1 Detected by Carr-Purcell-Meiboom-Gill Nuclear Magnetic Resonance (CPMG NMR) Spectroscopy. Biochemistry, 2017, 56, 692-703.	2.5	23
10	Opening of a cryptic pocket in $\beta$ -lactamase increases penicillinase activity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
11	Exploring long-range cooperativity in the 20S proteasome core particle from <i>Thermoplasma acidophilum</i> using methyl-TROSY-based NMR. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5298-5309.	7.1	16
12	Structural basis for the stabilization of amyloidogenic immunoglobulin light chains by hydantoins. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127356.	2.2	15
13	Quantitative measurement of exchange dynamics in proteins via <sup>13</sup> C relaxation dispersion of <sup>13</sup> CHD2-labeled samples. Journal of Biomolecular NMR, 2016, 65, 59-64.	2.8	10
14	Confronting the Invisible: Assignment of Protein <sup>1</sup> H <sup>N</sup> Chemical Shifts in Cases of Extreme Broadening. Journal of Physical Chemistry Letters, 2020, 11, 3384-3389.	4.6	7