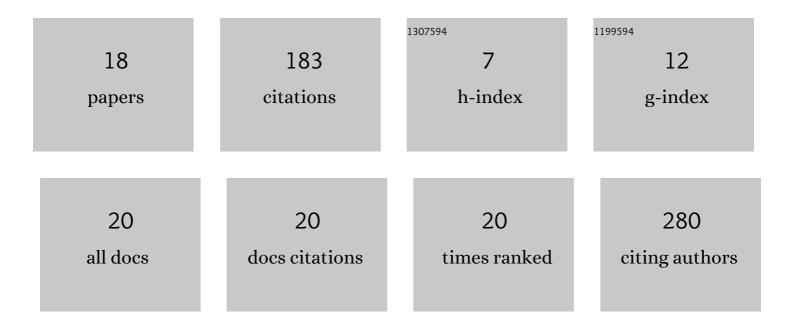
## Sergio Romero-Romero

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8207697/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A newly introduced salt bridge cluster improves structural and biophysical properties of <i>de novo</i> <scp>TIM</scp> barrels. Protein Science, 2022, 31, 513-527.	7.6	8
2	Evolution, folding, and design of TIM barrels and related proteins. Current Opinion in Structural Biology, 2021, 68, 94-104.	5.7	34
3	The Stability Landscape of de novo TIM Barrels Explored by a Modular Design Approach. Journal of Molecular Biology, 2021, 433, 167153.	4.2	15
4	The interplay of protein–ligand and waterâ€mediated interactions shape affinity and selectivity in the LAO binding protein. FEBS Journal, 2020, 287, 763-782.	4.7	14
5	Mapping the metal-catalytic site of a zinc-activated phytochelatin synthase. Algal Research, 2020, 47, 101890.	4.6	7
6	<scp>FRET</scp> â€based analysis and molecular modeling of the human <scp>GPN</scp> â€boop <scp>GTP</scp> ases 1 and 3 heterodimer unveils a dominantâ€negative protein complex. FEBS Journal, 2019, 286, 4797-4818.	4.7	7
7	Voltage vs. Ligand II: Structural insights of the intrinsic flexibility in cyclic nucleotide-gated channels. Channels, 2019, 13, 382-399.	2.8	3
8	Voltage vs. Ligand I: Structural basis of the intrinsic flexibility of S3 segment and its significance in ion channel activation. Channels, 2019, 13, 455-476.	2.8	9
9	Structural basis for the modulation of plant cytosolic triosephosphate isomerase activity by mimicry of redoxâ€based modifications. Plant Journal, 2019, 99, 950-964.	5.7	9
10	Localized conformational changes trigger the pH-induced fibrillogenesis of an amyloidogenic λ light chain protein. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1656-1666.	2.4	8
11	Estabilidad termodinámica de proteÃnas. Educacion Quimica, 2018, 29, 3.	0.1	0
12	Donde la termodinámica y las proteÃnas se encuentran. Educacion Quimica, 2018, 29, 18.	0.1	0
13	Structure and conformational stability of the triosephosphate isomerase from Zea mays. Comparison with the chemical unfolding pathways of other eukaryotic TIMs. Archives of Biochemistry and Biophysics, 2018, 658, 66-76.	3.0	4
14	Characterization of extended-spectrum and CMY-2 <i>ß</i> -lactamases, and associated virulence genes in <i>Escherichia coli</i> from food of animal origin in México. British Food Journal, 2018, 120, 1457-1473.	2.9	6
15	A strategy based on thermal flexibility to design triosephosphate isomerase proteins with increased or decreased kinetic stability. Biochemical and Biophysical Research Communications, 2018, 503, 3017-3022.	2.1	3
16	Side chain flexibility and coupling between the S4â€65 linker and the TRP domain in thermoâ€sensitive TRP channels: Insights from protein modeling. Proteins: Structure, Function and Bioinformatics, 2017, 85, 630-646.	2.6	8
17	Reversibility and two state behaviour in the thermal unfolding of oligomeric TIM barrel proteins. Physical Chemistry Chemical Physics, 2015, 17, 20699-20714.	2.8	21
18	Detection of the plasmid-borne quinolone resistance determinant qepA1 in a CTX-M-15-producing Escherichia coli strain from Mexico. Journal of Antimicrobial Chemotherapy, 2010, 65, 169-171.	3.0	24