

# Jennifer M Crowther

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

104  
citations

1684188  
5  
h-index

1474206  
9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

183  
citing authors

#	ARTICLE	IF	CITATIONS
1	How plants solubilise seed fats: revisiting oleosin structure and function to inform commercial applications. <i>Biophysical Reviews</i> , 2022, 14, 257-266.	3.2	8
2	Modifying the resolving cysteine affects the structure and hydrogen peroxide reactivity of peroxiredoxin 2. <i>Journal of Biological Chemistry</i> , 2021, 296, 100494.	3.4	14
3	Molecular basis of a redox switch: molecular dynamics simulations and surface plasmon resonance provide insight into reduced and oxidised angiotensinogen. <i>Biochemical Journal</i> , 2021, 478, 3319-3330.	3.7	1
4	On the utility of fluorescence-detection analytical ultracentrifugation in probing biomolecular interactions in complex solutions: a case study in milk. <i>European Biophysics Journal</i> , 2020, 49, 677-685.	2.2	4
5	Structure-Function Studies of the Antibiotic Target <i>Verrucomicrobium spinosum</i> -Diaminopimelate Aminotransferase from <i>Verrucomicrobium spinosum</i> Reveal an Unusual Oligomeric Structure. <i>Biochemistry</i> , 2020, 59, 2274-2288.	2.5	0
6	Structure-based mechanism of preferential complex formation by apoptosis signal-regulating kinases. <i>Science Signaling</i> , 2020, 13, .	3.6	18
7	Structure-function analyses of two plant meso-diaminopimelate decarboxylase isoforms reveal that active-site gating provides stereochemical control. <i>Journal of Biological Chemistry</i> , 2019, 294, 8505-8515.	3.4	6
8	The self-association and thermal denaturation of caprine and bovine $\beta^2$ -lactoglobulin. <i>European Biophysics Journal</i> , 2018, 47, 739-750.	2.2	4
9	A bidentate Polycomb Repressive-Deubiquitinase complex is required for efficient activity on nucleosomes. <i>Nature Communications</i> , 2018, 9, 3932.	12.8	25
10	Ultra-high resolution crystal structure of recombinant caprine $\beta^2$ -lactoglobulin. <i>FEBS Letters</i> , 2014, 588, 3816-3822.	2.8	16
11	The purification, crystallization and preliminary X-ray diffraction analysis of two isoforms of meso-diaminopimelate decarboxylase from <i>Arabidopsis thaliana</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 663-668.	0.8	2
12	Structure, Oligomerisation and Interactions of $\beta^2$ -Lactoglobulin. , 0, , .		5