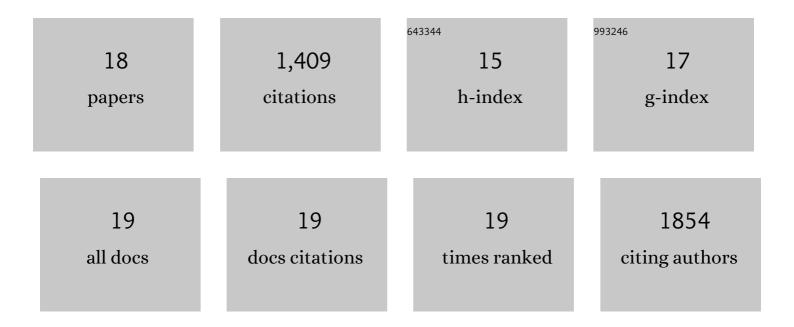
Robert W Newberry

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3362927/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Spiers Memorial Lecture: Analysis and <i>de novo</i> design of membrane-interactive peptides. Faraday Discussions, 2021, 232, 9-48.	1.6	3
2	Robust Sequence Determinants of α-Synuclein Toxicity in Yeast Implicate Membrane Binding. ACS Chemical Biology, 2020, 15, 2137-2153.	1.6	9
3	Deep mutational scanning reveals the structural basis for α-synuclein activity. Nature Chemical Biology, 2020, 16, 653-659.	3.9	67
4	Secondary Forces in Protein Folding. ACS Chemical Biology, 2019, 14, 1677-1686.	1.6	115
5	The <i>n</i> →π* Interaction. Accounts of Chemical Research, 2017, 50, 1838-1846.	7.6	340
6	n→ï€* Interactions Are Competitive with Hydrogen Bonds. Organic Letters, 2016, 18, 3614-3617.	2.4	37
7	A prevalent intraresidue hydrogen bond stabilizes proteins. Nature Chemical Biology, 2016, 12, 1084-1088.	3.9	91
8	4-Fluoroprolines: Conformational Analysis and Effects on the Stability and Folding of Peptides and Proteins. Topics in Heterocyclic Chemistry, 2016, 48, 1-25.	0.2	40
9	Thioamides in the collagen triple helix. Chemical Communications, 2015, 51, 9624-9627.	2.2	66
10	The Main-Chain Oxygen: Unappreciated Effects on Peptide and Protein Structure. , 2015, , .		0
11	Signatures of <i>n→π*</i> interactions in proteins. Protein Science, 2014, 23, 284-288.	3.1	82
12	A Key <i>n</i> →π* Interaction in <i>N</i> -Acyl Homoserine Lactones. ACS Chemical Biology, 2014, 9, 880-883.	1.6	58
13	<i>>n</i> →π* Interactions Engender Chirality in Carbonyl Groups. Organic Letters, 2014, 16, 3421-3423.	2.4	44
14	Interplay of Hydrogen Bonds and <i>n</i> →π* Interactions in Proteins. Journal of the American Chemical Society, 2013, 135, 18682-18688.	6.6	121
15	n→π* interactions in poly(lactic acid) suggest a role in protein folding. Chemical Communications, 2013, 49, 7699.	2.2	57
16	<i>n</i> →π* Interactions of Amides and Thioamides: Implications for Protein Stability. Journal of the American Chemical Society, 2013, 135, 7843-7846.	6.6	175
17	Role of Electrostatics in Differential Binding of RalGDS to Rap Mutations E30D and K31E Investigated by Vibrational Spectroscopy of Thiocyanate Probes. Journal of Physical Chemistry B, 2012, 116, 9326-9336.	1.2	18
18	Discrimination of flavonoids and red wine varietals by arrays of differential peptidic sensors. Chemical Science, 2011, 2, 439-445.	3.7	86