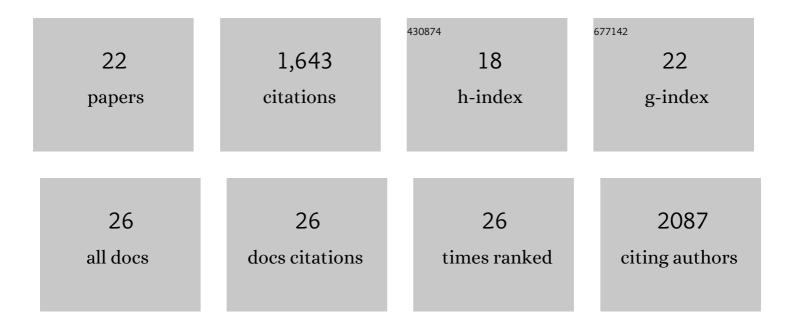
R Leo Brady

List of Publications by Year in descending order

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PLEO READY

#	Article	IF	CITATIONS
1	Computational design of water-soluble α-helical barrels. Science, 2014, 346, 485-488.	12.6	306
2	A Basis Set of <i>de Novo</i> Coiled-Coil Peptide Oligomers for Rational Protein Design and Synthetic Biology. ACS Synthetic Biology, 2012, 1, 240-250.	3.8	226
3	A de novo peptide hexamer with a mutable channel. Nature Chemical Biology, 2011, 7, 935-941.	8.0	172
4	Installing hydrolytic activity into a completely de novo protein framework. Nature Chemistry, 2016, 8, 837-844.	13.6	172
5	Modular Design of Self-Assembling Peptide-Based Nanotubes. Journal of the American Chemical Society, 2015, 137, 10554-10562.	13.7	137
6	CCBuilder: an interactive web-based tool for building, designing and assessing coiled-coil protein assemblies. Bioinformatics, 2014, 30, 3029-3035.	4.1	103
7	The Moraxella adhesin UspA1 binds to its human CEACAM1 receptor by a deformable trimeric coiled-coil. EMBO Journal, 2008, 27, 1779-1789.	7.8	79
8	Constructing ion channels from water-soluble $\hat{l}\pm$ -helical barrels. Nature Chemistry, 2021, 13, 643-650.	13.6	59
9	ISAMBARD: an open-source computational environment for biomolecular analysis, modelling and design. Bioinformatics, 2017, 33, 3043-3050.	4.1	48
10	Maintaining and breaking symmetry in homomeric coiled-coil assemblies. Nature Communications, 2018, 9, 4132.	12.8	45
11	Downsizing Proto-oncogene cFos to Short Helix-Constrained Peptides That Bind Jun. ACS Chemical Biology, 2017, 12, 2051-2061.	3.4	43
12	Navigating the Structural Landscape of De Novo α-Helical Bundles. Journal of the American Chemical Society, 2019, 141, 8787-8797.	13.7	42
13	Structure-Based Approaches to the Development of Novel Anti-Malarials. Current Drug Targets, 2004, 5, 137-149.	2.1	42
14	<i>Fusobacterium</i> spp. target human CEACAM1 via the trimeric autotransporter adhesin CbpF. Journal of Oral Microbiology, 2019, 11, 1565043.	2.7	38
15	Coiled coils 9-to-5: rational <i>de novo</i> design of α-helical barrels with tunable oligomeric states. Chemical Science, 2021, 12, 6923-6928.	7.4	31
16	Accessibility, Reactivity, and Selectivity of Side Chains within a Channel of <i>de Novo</i> Peptide Assembly. Journal of the American Chemical Society, 2013, 135, 12524-12527.	13.7	30
17	A Novel EKLF Mutation in a Patient with Dyserythropoietic Anemia: The First Association of EKLF with Disease in Man Blood, 2009, 114, 162-162.	1.4	22
18	Reflections on a peptide. Nature, 1994, 368, 692-693.	27.8	20

R LEO BRADY

#	Article	IF	CITATIONS
19	Structural resolution of switchable states of a de novo peptide assembly. Nature Communications, 2021, 12, 1530.	12.8	16
20	Structural effects of the highly protective V127 polymorphism on human prion protein. Communications Biology, 2020, 3, 402.	4.4	5
21	How Coiled-Coil Assemblies Accommodate Multiple Aromatic Residues. Biomacromolecules, 2021, 22, 2010-2019.	5.4	5
22	Characterisation of the Laminin 10/11 Binding Site on the Lutheran Glycoprotein Suggests a Novel Type of Protein-Protein Interaction Blood, 2006, 108, 1566-1566.	1.4	1