

# Peter J Knight

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6630847/publications.pdf>

Version: 2024-02-01

15  
papers

1,040  
citations

758635

12  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-headed binding of a processive myosin to F-actin. <i>Nature</i> , 2000, 405, 804-807.	13.7	295
2	The Predicted Coiled-coil Domain of Myosin 10 Forms a Novel Elongated Domain That Lengthens the Head. <i>Journal of Biological Chemistry</i> , 2005, 280, 34702-34708.	1.6	139
3	The prepower stroke conformation of myosin V. <i>Journal of Cell Biology</i> , 2002, 159, 983-991.	2.3	123
4	Structures of Smooth Muscle Myosin and Heavy Meromyosin in the Folded, Shutdown State. <i>Journal of Molecular Biology</i> , 2007, 372, 1165-1178.	2.0	117
5	Direct observation shows superposition and large scale flexibility within cytoplasmic dynein motors moving along microtubules. <i>Nature Communications</i> , 2015, 6, 8179.	5.8	63
6	The Inner Centromere Protein (INCENP) Coil Is a Single $\alpha$ -Helix (SAH) Domain That Binds Directly to Microtubules and Is Important for Chromosome Passenger Complex (CPC) Localization and Function in Mitosis. <i>Journal of Biological Chemistry</i> , 2015, 290, 21460-21472.	1.6	56
7	Stable Single $\alpha$ -Helices Are Constant Force Springs in Proteins. <i>Journal of Biological Chemistry</i> , 2014, 289, 27825-27835.	1.6	54
8	Structure of the shutdown state of myosin-2. <i>Nature</i> , 2020, 588, 515-520.	13.7	50
9	Characterization of long and stable de novo single alpha-helix domains provides novel insight into their stability. <i>Scientific Reports</i> , 2017, 7, 44341.	1.6	40
10	Role of the Tail in the Regulated State of Myosin 2. <i>Journal of Molecular Biology</i> , 2011, 408, 863-878.	2.0	35
11	Flexibility within the Heads of Muscle Myosin-2 Molecules. <i>Journal of Molecular Biology</i> , 2014, 426, 894-907.	2.0	24
12	When a predicted coiled coil is really a single $\alpha$ -helix, in myosins and other proteins. <i>Soft Matter</i> , 2009, 5, 1000-1004.	1.2	19
13	A1603P and K1617del, Mutations in $\alpha$ -Cardiac Myosin Heavy Chain that Cause Late-Onset Distal Myopathy, Affect Secondary Structure and Filament Formation In Vitro and In Vivo. <i>Journal of Molecular Biology</i> , 2018, 430, 1459-1478.	2.0	12
14	Myosin tails and single $\alpha$ -helical domains. <i>Biochemical Society Transactions</i> , 2015, 43, 58-63.	1.6	9
15	Determining Stable Single Alpha Helical (SAH) Domain Properties by Circular Dichroism and Atomic Force Microscopy. <i>Methods in Molecular Biology</i> , 2018, 1805, 185-211.	0.4	3