

# Alvaro Ingles-Prieto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4985816/publications.pdf>

Version: 2024-02-01

18  
papers

1,115  
citations

759233

12  
h-index

940533

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporally precise activation of engineered receptor tyrosine kinases by light. <i>EMBO Journal</i> , 2014, 33, 1713-1726.	7.8	226
2	Single-molecule paleoenzymology probes the chemistry of resurrected enzymes. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 592-596.	8.2	182
3	Protein Folding Drives Disulfide Formation. <i>Cell</i> , 2012, 151, 794-806.	28.9	158
4	Conservation of Protein Structure over Four Billion Years. <i>Structure</i> , 2013, 21, 1690-1697.	3.3	115
5	Optogenetic Control of Nodal Signaling Reveals a Temporal Pattern of Nodal Signaling Regulating Cell Fate Specification during Gastrulation. <i>Cell Reports</i> , 2016, 16, 866-877.	6.4	101
6	A Phytochrome Sensory Domain Permits Receptor Activation by Red Light. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6339-6342.	13.8	72
7	Mutational Studies on Resurrected Ancestral Proteins Reveal Conservation of Site-Specific Amino Acid Preferences throughout Evolutionary History. <i>Molecular Biology and Evolution</i> , 2015, 32, 440-455.	8.9	71
8	Quantification of riboflavin, flavin mononucleotide, and flavin adenine dinucleotide in mammalian model cells by CE with LED-induced fluorescence detection. <i>Electrophoresis</i> , 2015, 36, 518-525.	2.4	47
9	Light-assisted small-molecule screening against protein kinases. <i>Nature Chemical Biology</i> , 2015, 11, 952-954.	8.0	42
10	Structure of the Calx- $\beta$ 2 domain of the integrin $\beta$ 4 subunit: insights into function and cation-independent stability. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2009, 65, 858-871.	2.5	33
11	Highly Anomalous Energetics of Protein Cold Denaturation Linked to Folding-Unfolding Kinetics. <i>PLoS ONE</i> , 2011, 6, e23050.	2.5	22
12	Non-conservation of folding rates in the thioredoxin family reveals degradation of ancestral unassisted-folding. <i>Biochemical Journal</i> , 2019, 476, 3631-3647.	3.7	16
13	Optogenetic delivery of trophic signals in a genetic model of Parkinson's disease. <i>PLoS Genetics</i> , 2021, 17, e1009479.	3.5	11
14	Eine Phytochrom-Sensordomäne ermöglicht eine Rezeptoraktivierung durch rotes Licht. <i>Angewandte Chemie</i> , 2016, 128, 6447-6450.	2.0	7
15	The optogenetic promise for oncology: Episode I. <i>Molecular and Cellular Oncology</i> , 2014, 1, e964045.	0.7	5
16	Acute and chronic effects of a light-activated FGF receptor in keratinocytes in vitro and in mice. <i>Life Science Alliance</i> , 2021, 4, e202101100.	2.8	5
17	Paleoenzymology at the Single-Molecule Level: Probing the Chemistry of Resurrected Enzymes with Force-Clamp Spectroscopy. <i>Biophysical Journal</i> , 2010, 98, 617a.	0.5	0
18	Unraveling the Mechanisms of Oxidative Folding using Single Molecule Force Spectroscopy. <i>Biophysical Journal</i> , 2011, 100, 480a.	0.5	0