Alvaro Ingles-Prieto

List of Publications by Year
in descending order

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	Optogenetic delivery of trophic signals in a genetic model of Parkinsonâ€™s disease. PLoS Genetics, 2021, 17, e1009479.	3.5	11
2	Acute and chronic effects of a light-activated FGF receptor in keratinocytes in vitro and in mice. Life Science Alliance, 2021, 4, e202101100.	2.8	5
3	Non-conservation of folding rates in the thioredoxin family reveals degradation of ancestral unassisted-folding. Biochemical Journal, 2019, 476, 3631-3647.	3.7	16
4	Eine Phytochromâ€SensordomÃne ermÃ¶glicht eine Rezeptoraktivierung durch rotes Licht. Angewandte Chemie, 2016, 128, 6447-6450.	2.0	7
5	A Phytochrome Sensory Domain Permits Receptor Activation by Red Light. Angewandte Chemie - International Edition, 2016, 55, 6339-6342.	13.8	72
6	Optogenetic Control of Nodal Signaling Reveals a Temporal Pattern of Nodal Signaling Regulating Cell Fate Specification during Gastrulation. Cell Reports, 2016, 16, 866-877.	6.4	101
7	Mutational Studies on Resurrected Ancestral Proteins Reveal Conservation of Site-Specific Amino Acid Preferences throughout Evolutionary History. Molecular Biology and Evolution, 2015, 32, 440-455.	8.9	71
8	Quantification of riboflavin, flavin mononucleotide, and flavin adenine dinucleotide in mammalian model cells by CE with LEDâ€induced fluorescence detection. Electrophoresis, 2015, 36, 518-525.	2.4	47
9	Light-assisted small-molecule screening against protein kinases. Nature Chemical Biology, 2015, 11, 952-954.	8.0	42
10	The optogenetic promise for oncology: Episode I. Molecular and Cellular Oncology, 2014, 1, e964045.	0.7	5
11	Spatioâ€temporally precise activation of engineered receptor tyrosine kinases by light. EMBO Journal, 2014, 33, 1713-1726.	7.8	226
12	Conservation of Protein Structure over Four Billion Years. Structure, 2013, 21, 1690-1697.	3.3	115
13	Protein Folding Drives Disulfide Formation. Cell, 2012, 151, 794-806.	28.9	158
14	Unraveling the Mechanisms of Oxidative Folding using Single Molecule Force Spectroscopy. Biophysical Journal, 2011, 100, 480a.	0.5	0
15	Single-molecule paleoenzymology probes the chemistry of resurrected enzymes. Nature Structural and Molecular Biology, 2011, 18, 592-596.	8.2	182
16	Highly Anomalous Energetics of Protein Cold Denaturation Linked to Folding-Unfolding Kinetics. PLoS ONE, 2011, 6, e23050.	2.5	22
17	Paleoenzymology at the Single-Molecule Level: Probing the Chemistry of Resurrected Enzymes with Force-Clamp Spectroscopy. Biophysical Journal, 2010, 98, 617a.	0.5	0
18	Structure of the Calx-Î² domain of the integrin Î²4 subunit: insights into function and cation-independent stability. Acta Crystallographica Section D: Biological Crystallography, 2009, 65, 858-871.	2.5	33