Paul Ko Ferrigno

List of Publications by Year
in descending order

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41 papers	2,294 citations	218677 26 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	2916 citing authors

#	Article	IF	Citations
1	Sensitive and selective Affimer-functionalised interdigitated electrode-based capacitive biosensor for Her4 protein tumour biomarker detection. Biosensors and Bioelectronics, 2018, 108, 1-8.	10.1	57
2	Affimer proteins are versatile and renewable affinity reagents. ELife, 2017, 6, .	6.0	151
3	Comparison of the specificity and affinity of surface immobilised Affimer binders using the quartz crystal microbalance. Analyst, The, 2016, 141, 6278-6286.	3.5	5
4	Increasing experimental reproducibility, from antibodies to protein arrays. Drug Discovery Today, 2016, 21, 1197-1199.	6.4	0
5	Non-antibody protein-based biosensors. Essays in Biochemistry, 2016, 60, 19-25.	4.7	39
6	The Ansamycin Antibiotic, Rifamycin SV, Inhibits BCL6 Transcriptional Repression and Forms a Complex with the BCL6-BTB/POZ Domain. PLoS ONE, 2014, 9, e90889.	2.5	17
7	The use of a neutral peptide aptamer scaffold to anchor BH3 peptides constitutes a viable approach to studying their function. Cell Death and Disease, 2014, 5, e1037-e1037.	6.3	9
8	Will systems biology translate into ever higher healthcare costs, or are there savings to be made?. Drug Discovery Today, 2014, 19, 811-812.	6.4	0
9	Proof of concept study to identify candidate biomarkers of fibrosis using high throughput peptide aptamer microarray and validate by enzyme linked immunosorbant assay. Journal of Biomedical Science and Engineering, 2013, 06, 32-42.	0.4	13
10	Sensitive Affimer and Antibody Based Impedimetric Label-Free Assays for C-Reactive Protein. Analytical Chemistry, 2012, 84, 6553-6560.	6.5	68
11	Peptide Aptamer Microarrays: Bridging the bioâ€“detector interface. Faraday Discussions, 2011, 149, 79-92.	3.2	14
12	The role of BCL6 in lymphomas and routes to therapy. British Journal of Haematology, 2011, 152, 3-12.	2.5	55
13	Development of peptide aptamer microarrays for detection of HPV16 oncoproteins in cell extracts. Analytical Biochemistry, 2011, 410, 161-170.	2.4	17
14	Structureâ^'function studies of an engineered scaffold protein derived from Stefin A. II: Development and applications of the SQT variant. Protein Engineering, Design and Selection, 2011, 24, 751-763.	2.1	43
15	Fabrication of BioFET linear array for detection of protein interactions. Microelectronic Engineering, 2010, 87, 753-755.	2.4	14
16	Optimisation of a multivalent Strep tag for protein detection. Biophysical Chemistry, 2010, 152, 170-177.	2.8	8
17	Peptide aptamers as new tools to modulate clathrin-mediated internalisation â€" inhibition of MT1-MMP internalisation. BMC Cell Biology, 2010, 11, 58.	3.0	10
18	Structure-function studies of an engineered scaffold protein derived from stefin A. I: Development of the SQM variant. Protein Engineering, Design and Selection, 2010, 23, 403-413.	2.1	31

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19	Label-Free Sub-picomolar Protein Detection with Field-Effect Transistors. Analytical Chemistry, 2010, 82, 3531-3536.	6.5	61
20	Peptide Aptamers in Label-Free Protein Detection: 2. Chemical Optimization and Detection of Distinct Protein Isoforms. Analytical Chemistry, 2009, 81, 3314-3320.	6.5	45
21	Highly specific label-free protein detection from lysed cells using internally referenced microcantilever sensors. Biosensors and Bioelectronics, 2008, 24, 233-237.	10.1	48
22	Label-Free Detection of Protein interactions with peptide aptamers by open circuit potential measurement. Electrochimica Acta, 2008, 53, 6489-6496.	5.2	35
23	Electrical protein detection in cell lysates using high-density peptide-aptamer microarrays. Journal of Biology, 2008, 7, 3.	2.7	44
24	Polyimide microcantilever surface stress sensor using low-cost, rapidly-interchangeable, spring-loaded microprobe connections. Microelectronic Engineering, 2008, 85, 1314-1317.	2.4	14
25	Label-free electrical detection of DNA hybridization for the example of influenza virus gene sequences. Analytical Biochemistry, 2008, 374, 143-153.	2.4	55
26	Surface-Immobilized Peptide Aptamers as Probe Molecules for Protein Detection. Analytical Chemistry, 2008, 80, 978-983.	6.5	52
27	Potentiometric detection of protein interactions with peptide aptamers. , 2008, , .		3
28	Peptide Aptamers in Label-Free Protein Detection: 1. Characterization of the Immobilized Scaffold. Analytical Chemistry, 2007, 79, 1089-1096.	6.5	54
29	A peptide aptamer to antagonize BCL-6 function. Oncogene, 2006, 25, 2223-2233.	5.9	44
30	Molecular Analysis of Survivin Isoforms. Journal of Biological Chemistry, 2006, 281, 1286-1295.	3.4	73
31	Design and Validation of a Neutral Protein Scaffold for the Presentation of Peptide Aptamers. Journal of Molecular Biology, 2005, 352, 1118-1133.	4.2	80
32	Peptide aptamers: Tools for biology and drug discovery. Briefings in Functional Genomics & Proteomics, 2003, 2, 72-79.	3.8	63
33	Localization of Yeast Telomeres to the Nuclear Periphery Is Separable from Transcriptional Repression and Telomere Stability Functions. Molecular Cell, 2001, 8, 189-199.	9.7	75
34	The nano-scale architecture of the nucleus. Trends in Cell Biology, 2000, 10, 366.	7.9	0
35	Targeted modification and transportation of cellular proteins. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13720-13725.	7.1	54
36	Polyglutamine Expansions. Neuron, 2000, 26, 9-12.	8.1	62

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37	Temporal Differences in the Appearance of NEP-B78 and an LBR-like Protein during Xenopus Nuclear Envelope Reassembly Reflect the Ordered Recruitment of Functionally Discrete Vesicle Types. Journal of Cell Biology, 1999, 144, 225-240.	5.2	67
38	Regulated nuclear localization of stress-responsive factors: how the nuclear trafficking of protein kinases and transcription factors contributes to cell survival. Oncogene, 1999, 18, 6129-6134.	5.9	43
39	Elimination of Replication Block Protein Fob1 Extends the Life Span of Yeast Mother Cells. Molecular Cell, 1999, 3, 447-455.	9.7	380
40	Regulated nucleo/cytoplasmic exchange of HOG1 MAPK requires the importin beta homologs NMD5 and XPO1. EMBO Journal, 1998, 17, 5606-5614.	7.8	381
41	Genetic Analysis of Macromolecular Transport across the Nuclear Envelope. Experimental Cell Research, 1996, 229, 212-216.	2.6	9