

Paul Ko Ferrigno

List of Publications by Year in descending order

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41
papers

2,294
citations

218677

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37
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docs citations

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times ranked

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Regulated nucleo/cytoplasmic exchange of HOG1 MAPK requires the importin beta homologs NMD5 and XPO1. EMBO Journal, 1998, 17, 5606-5614. | 7.8 | 381 |
| 2 | Elimination of Replication Block Protein Fob1 Extends the Life Span of Yeast Mother Cells. Molecular Cell, 1999, 3, 447-455. | 9.7 | 380 |
| 3 | Affimer proteins are versatile and renewable affinity reagents. ELife, 2017, 6, . | 6.0 | 151 |
| 4 | 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 |
| 5 | 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 |
| 6 | Molecular Analysis of Survivin Isoforms. Journal of Biological Chemistry, 2006, 281, 1286-1295. | 3.4 | 73 |
| 7 | Sensitive Affimer and Antibody Based Impedimetric Label-Free Assays for C-Reactive Protein. Analytical Chemistry, 2012, 84, 6553-6560. | 6.5 | 68 |
| 8 | 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 |
| 9 | Peptide aptamers: Tools for biology and drug discovery. Briefings in Functional Genomics & Proteomics, 2003, 2, 72-79. | 3.8 | 63 |
| 10 | Polyglutamine Expansions. Neuron, 2000, 26, 9-12. | 8.1 | 62 |
| 11 | Label-Free Sub-picomolar Protein Detection with Field-Effect Transistors. Analytical Chemistry, 2010, 82, 3531-3536. | 6.5 | 61 |
| 12 | 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 |
| 13 | Label-free electrical detection of DNA hybridization for the example of influenza virus gene sequences. Analytical Biochemistry, 2008, 374, 143-153. | 2.4 | 55 |
| 14 | The role of BCL6 in lymphomas and routes to therapy. British Journal of Haematology, 2011, 152, 3-12. | 2.5 | 55 |
| 15 | 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 |
| 16 | Peptide Aptamers in Label-Free Protein Detection: 1. Characterization of the Immobilized Scaffold. Analytical Chemistry, 2007, 79, 1089-1096. | 6.5 | 54 |
| 17 | Surface-Immobilized Peptide Aptamers as Probe Molecules for Protein Detection. Analytical Chemistry, 2008, 80, 978-983. | 6.5 | 52 |
| 18 | Highly specific label-free protein detection from lysed cells using internally referenced microcantilever sensors. Biosensors and Bioelectronics, 2008, 24, 233-237. | 10.1 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Peptide Aptamers in Label-Free Protein Detection: 2. Chemical Optimization and Detection of Distinct Protein Isoforms. <i>Analytical Chemistry</i> , 2009, 81, 3314-3320. | 6.5 | 45 |
| 20 | A peptide aptamer to antagonize BCL-6 function. <i>Oncogene</i> , 2006, 25, 2223-2233. | 5.9 | 44 |
| 21 | Electrical protein detection in cell lysates using high-density peptide-aptamer microarrays. <i>Journal of Biology</i> , 2008, 7, 3. | 2.7 | 44 |
| 22 | Regulated nuclear localization of stress-responsive factors: how the nuclear trafficking of protein kinases and transcription factors contributes to cell survival. <i>Oncogene</i> , 1999, 18, 6129-6134. | 5.9 | 43 |
| 23 | Structure-function studies of an engineered scaffold protein derived from Stefin A. II: Development and applications of the SQT variant. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 751-763. | 2.1 | 43 |
| 24 | Non-antibody protein-based biosensors. <i>Essays in Biochemistry</i> , 2016, 60, 19-25. | 4.7 | 39 |
| 25 | Label-Free Detection of Protein interactions with peptide aptamers by open circuit potential measurement. <i>Electrochimica Acta</i> , 2008, 53, 6489-6496. | 5.2 | 35 |
| 26 | Structure-function studies of an engineered scaffold protein derived from stefin A. I: Development of the SQM variant. <i>Protein Engineering, Design and Selection</i> , 2010, 23, 403-413. | 2.1 | 31 |
| 27 | Development of peptide aptamer microarrays for detection of HPV16 oncoproteins in cell extracts. <i>Analytical Biochemistry</i> , 2011, 410, 161-170. | 2.4 | 17 |
| 28 | The Ansamycin Antibiotic, Rifamycin SV, Inhibits BCL6 Transcriptional Repression and Forms a Complex with the BCL6-BTB/POZ Domain. <i>PLoS ONE</i> , 2014, 9, e90889. | 2.5 | 17 |
| 29 | Polyimide microcantilever surface stress sensor using low-cost, rapidly-interchangeable, spring-loaded microprobe connections. <i>Microelectronic Engineering</i> , 2008, 85, 1314-1317. | 2.4 | 14 |
| 30 | Fabrication of BioFET linear array for detection of protein interactions. <i>Microelectronic Engineering</i> , 2010, 87, 753-755. | 2.4 | 14 |
| 31 | Peptide Aptamer Microarrays: Bridging the bio-electrode detector interface. <i>Faraday Discussions</i> , 2011, 149, 79-92. | 3.2 | 14 |
| 32 | Proof of concept study to identify candidate biomarkers of fibrosis using high throughput peptide aptamer microarray and validate by enzyme linked immunosorbant assay. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 32-42. | 0.4 | 13 |
| 33 | Peptide aptamers as new tools to modulate clathrin-mediated internalisation and inhibition of MT1-MMP internalisation. <i>BMC Cell Biology</i> , 2010, 11, 58. | 3.0 | 10 |
| 34 | Genetic Analysis of Macromolecular Transport across the Nuclear Envelope. <i>Experimental Cell Research</i> , 1996, 229, 212-216. | 2.6 | 9 |
| 35 | The use of a neutral peptide aptamer scaffold to anchor BH3 peptides constitutes a viable approach to studying their function. <i>Cell Death and Disease</i> , 2014, 5, e1037-e1037. | 6.3 | 9 |
| 36 | Optimisation of a multivalent Strep tag for protein detection. <i>Biophysical Chemistry</i> , 2010, 152, 170-177. | 2.8 | 8 |

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|----|--|-----|-----------|
| 37 | Comparison of the specificity and affinity of surface immobilised Affimer binders using the quartz crystal microbalance. <i>Analyst, The</i> , 2016, 141, 6278-6286. | 3.5 | 5 |
| 38 | Potentiometric detection of protein interactions with peptide aptamers. , 2008, , . | | 3 |
| 39 | The nano-scale architecture of the nucleus. <i>Trends in Cell Biology</i> , 2000, 10, 366. | 7.9 | 0 |
| 40 | Will systems biology translate into ever higher healthcare costs, or are there savings to be made?. <i>Drug Discovery Today</i> , 2014, 19, 811-812. | 6.4 | 0 |
| 41 | Increasing experimental reproducibility, from antibodies to protein arrays. <i>Drug Discovery Today</i> , 2016, 21, 1197-1199. | 6.4 | 0 |