

Michael F Moran

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

4,867
citations

25
h-index

69
g-index

73
ext. papers

5,532
ext. citations

8.9
avg, IF

4.42
L-index

#	Paper	IF	Citations
65	Systematic identification of protein complexes in <i>Saccharomyces cerevisiae</i> by mass spectrometry. <i>Nature</i> , 2002 , 415, 180-3	50.4	3069
64	A strategy for modulation of enzymes in the ubiquitin system. <i>Science</i> , 2013 , 339, 590-5	33.3	199
63	Global proteomic assessment of the classical protein-tyrosine phosphatome and "Redoxome". <i>Cell</i> , 2011 , 146, 826-40	56.2	133
62	Proteomic analysis of the epidermal growth factor receptor (EGFR) interactome and post-translational modifications associated with receptor endocytosis in response to EGF and stress. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 1644-58	7.6	71
61	Integrated omic analysis of lung cancer reveals metabolism proteome signatures with prognostic impact. <i>Nature Communications</i> , 2014 , 5, 5469	17.4	67
60	The human phosphotyrosine signaling network: evolution and hotspots of hijacking in cancer. <i>Genome Research</i> , 2012 , 22, 1222-30	9.7	60
59	Epidermal growth factor receptor phosphorylation sites Ser991 and Tyr998 are implicated in the regulation of receptor endocytosis and phosphorylations at Ser1039 and Thr1041. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 2131-44	7.6	59
58	Automated 2D peptide separation on a 1D nano-LC-MS system. <i>Journal of Proteome Research</i> , 2009 , 8, 1610-6	5.6	56
57	Refined RIP-seq protocol for epitranscriptome analysis with low input materials. <i>PLoS Biology</i> , 2018 , 16, e2006092	9.7	56
56	Tyrosine phosphorylation of NEDD4 activates its ubiquitin ligase activity. <i>Science Signaling</i> , 2014 , 7, ra958.8		53
55	Measurement of protein phosphorylation stoichiometry by selected reaction monitoring mass spectrometry. <i>Journal of Proteome Research</i> , 2010 , 9, 2752-61	5.6	50
54	Selected Reaction Monitoring (SRM) Analysis of Epidermal Growth Factor Receptor (EGFR) in Formalin Fixed Tumor Tissue. <i>Clinical Proteomics</i> , 2012 , 9, 5	5	49
53	Reciprocal stabilization of ABL and TAZ regulates osteoblastogenesis through transcription factor RUNX2. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4482-4496	15.9	49
52	Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. <i>Cell Death and Disease</i> , 2017 , 8, e3058	9.8	44
51	Molecular heterogeneity of non-small cell lung carcinoma patient-derived xenografts closely reflect their primary tumors. <i>International Journal of Cancer</i> , 2017 , 140, 662-673	7.5	44
50	Multiple myeloma phosphotyrosine proteomic profile associated with FGFR3 expression, ligand activation, and drug inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20127-32	11.5	40
49	The <i>Candida albicans</i> transcription factor Cas5 couples stress responses, drug resistance and cell cycle regulation. <i>Nature Communications</i> , 2017 , 8, 499	17.4	38

48	A feed forward loop enforces YAP/TAZ signaling during tumorigenesis. <i>Nature Communications</i> , 2018 , 9, 3510	17.4	37
47	The ubiquitin ligase HERC4 mediates c-Maf ubiquitination and delays the growth of multiple myeloma xenografts in nude mice. <i>Blood</i> , 2016 , 127, 1676-86	2.2	36
46	CCM-3 Promotes C. Elegans Germline Development by Regulating Vesicle Trafficking Cytokinesis and Polarity. <i>Current Biology</i> , 2017 , 27, 868-876	6.3	32
45	Structural and Functional Characterization of Ubiquitin Variant Inhibitors of USP15. <i>Structure</i> , 2019 , 27, 590-605.e5	5.2	32
44	CHCHD2 Is Coamplified with EGFR in NSCLC and Regulates Mitochondrial Function and Cell Migration. <i>Molecular Cancer Research</i> , 2015 , 13, 1119-29	6.6	30
43	Tandem immunoprecipitation of phosphotyrosine-mass spectrometry (TIPY-MS) indicates C19ORF19 becomes tyrosine-phosphorylated and associated with activated epidermal growth factor receptor. <i>Journal of Proteome Research</i> , 2008 , 7, 1067-77	5.6	27
42	Ubiquitination of the transcription factor c-MAF is mediated by multiple lysine residues. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 57, 157-66	5.6	26
41	Ras binding triggers ubiquitination of the Ras exchange factor Ras-GRF2. <i>Molecular and Cellular Biology</i> , 2001 , 21, 2107-17	4.8	26
40	Prediction of LC-MS/MS Properties of Peptides from Sequence by Deep Learning. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 2099-2107	7.6	25
39	Tyrosine phosphorylation of the Lyn Src homology 2 (SH2) domain modulates its binding affinity and specificity. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 695-706	7.6	25
38	Proteomic profiles of human lung adeno and squamous cell carcinoma using super-SILAC and label-free quantification approaches. <i>Proteomics</i> , 2014 , 14, 795-803	4.8	24
37	The ubiquitin-conjugating enzyme UBE2O modulates c-Maf stability and induces myeloma cell apoptosis. <i>Journal of Hematology and Oncology</i> , 2017 , 10, 132	22.4	23
36	Primary tumor xenografts of human lung adeno and squamous cell carcinoma express distinct proteomic signatures. <i>Journal of Proteome Research</i> , 2011 , 10, 161-74	5.6	23
35	Differential phosphoproteomes of EGF and EGFR kinase inhibitor-treated human tumor cells and mouse xenografts. <i>Clinical Proteomics</i> , 2004 , 1, 69-80	5	23
34	Comprehensive proteome analysis of fresh frozen and optimal cutting temperature (OCT) embedded primary non-small cell lung carcinoma by LC-MS/MS. <i>Methods</i> , 2015 , 81, 50-5	4.6	22
33	Evidence for SH3 domain directed binding and phosphorylation of Sam68 by Src. <i>Oncogene</i> , 1999 , 18, 4647-53	9.2	22
32	Evosep One Enables Robust Deep Proteome Coverage Using Tandem Mass Tags while Significantly Reducing Instrument Time. <i>Journal of Proteome Research</i> , 2019 , 18, 2346-2353	5.6	21
31	Calmodulin-independent coordination of Ras and extracellular signal-regulated kinase activation by Ras-GRF2. <i>Molecular and Cellular Biology</i> , 2000 , 20, 2727-33	4.8	20

30	A murine CDC25/ras-GRF-related protein implicated in Ras regulation. <i>Genesis</i> , 1993 , 14, 339-46		20
29	Identification of human plasma cells with a lamprey monoclonal antibody. <i>JCI Insight</i> , 2016 , 1,	9.9	20
28	The deubiquitinase USP7 stabilizes Maf proteins to promote myeloma cell survival. <i>Journal of Biological Chemistry</i> , 2020 , 295, 2084-2096	5.4	20
27	ID1 Is Critical for Tumorigenesis and Regulates Chemoresistance in Glioblastoma. <i>Cancer Research</i> , 2019 , 79, 4057-4071	10.1	19
26	A drug discovery platform to identify compounds that inhibit EGFR triple mutants. <i>Nature Chemical Biology</i> , 2020 , 16, 577-586	11.7	15
25	Protein-phosphotyrosine proteome profiling by superbinder-SH2 domain affinity purification mass spectrometry, sSH2-AP-MS. <i>Proteomics</i> , 2017 , 17, 1600360	4.8	15
24	Odin (ANKS1A) modulates EGF receptor recycling and stability. <i>PLoS ONE</i> , 2013 , 8, e64817	3.7	15
23	Integrated analysis of proteome, phosphotyrosine-proteome, tyrosine-kinome, and tyrosine-phosphatome in acute myeloid leukemia. <i>Proteomics</i> , 2017 , 17, 1600361	4.8	12
22	Data Dependent-Independent Acquisition (DDIA) Proteomics. <i>Journal of Proteome Research</i> , 2020 , 19, 3230-3237	5.6	12
21	Emerging applications for phospho-proteomics in cancer molecular therapeutics. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2006 , 1766, 230-41	11.2	12
20	A neuroprotective agent that inactivates prodegenerative TrkA and preserves mitochondria. <i>Journal of Cell Biology</i> , 2017 , 216, 3655-3675	7.3	11
19	A tyrosine sulfation-dependent HLA-I modification identifies memory B cells and plasma cells. <i>Science Advances</i> , 2018 , 4, eaar7653	14.3	10
18	Differential regulation of FGFR3 by PTPN1 and PTPN2. <i>Proteomics</i> , 2015 , 15, 419-33	4.8	9
17	Targeting the Otub1/c-Maf axis for the treatment of multiple myeloma. <i>Blood</i> , 2021 , 137, 1478-1490	2.2	9
16	Pathologic Oxidation of PTPN12 Underlies ABL1 Phosphorylation in Hereditary Leiomyomatosis and Renal Cell Carcinoma. <i>Cancer Research</i> , 2018 , 78, 6539-6548	10.1	9
15	Repeat-Preserving Decoy Database for False Discovery Rate Estimation in Peptide Identification. <i>Journal of Proteome Research</i> , 2020 , 19, 1029-1036	5.6	7
14	Cancer proteome and metabolite changes linked to SHMT2. <i>PLoS ONE</i> , 2020 , 15, e0237981	3.7	7
13	Distinct Regulation of Transmitter Release at the Drosophila NMJ by Different Isoforms of nemy. <i>PLoS ONE</i> , 2015 , 10, e0132548	3.7	6

12	A 54-kDa protein related to ras-guanine nucleotide release factor expressed in the rat exocrine pancreas. <i>Cell and Tissue Research</i> , 1997 , 289, 505-15	4.2	5
11	Ibrutinib Sensitizes AML Cells to ROS Inducers Via a BTK-Independent Mechanism. <i>Blood</i> , 2014 , 124, 2226-2226		
10	Engineered SH2 domains with tailored specificities and enhanced affinities for phosphoproteome analysis. <i>Protein Science</i> , 2019 , 28, 403-413	6.3	4
9	Somatic Alteration Burden Involving Non-Cancer Genes Predicts Prognosis in Early-Stage Non-Small Cell Lung Cancer. <i>Cancers</i> , 2019 , 11,	6.6	2
8	Integrative analysis of non-small cell lung cancer patient-derived xenografts identifies distinct proteotypes associated with patient outcomes.. <i>Nature Communications</i> , 2022 , 13, 1811	17.4	2
7	Measurement of Protein Phosphorylation Stoichiometry by SRM-MS. <i>Current Protocols in Chemical Biology</i> , 2012 , 4, 65-81	1.8	1
6	A Novel Chromene-Based Pan-PI3 Kinase Inhibitor Displays Preclinical Activity in Leukemia and Myeloma.. <i>Blood</i> , 2008 , 112, 1605-1605	2.2	1
5	Proteomic Characterization of a Candidate Polygenic Driver of Metabolism in Non-small Cell Lung Cancer. <i>Journal of Molecular Biology</i> , 2022 , 434, 167636	6.5	0
4	Ubiquitination of the transcription factor c-maf is mediated by multiple lysine residues (LB188). <i>FASEB Journal</i> , 2014 , 28, LB188	0.9	
3	Integrated Omic Analysis of Lung Cancer Reveals Metabolism Proteome Signatures with Prognostic Impact. <i>FASEB Journal</i> , 2015 , 29, LB114	0.9	
2	A Small Molecule Inhibitor of D-Cyclin Transactivation Displays Preclinical Efficacy in Myeloma and Leukemia.. <i>Blood</i> , 2009 , 114, 2036-2036	2.2	
1	SLAP2 Adaptor Binding Disrupts c-CBL Autoinhibition to Activate Ubiquitin Ligase Function. <i>Journal of Molecular Biology</i> , 2021 , 433, 166880	6.5	