

# Adam Byron

## List of Publications by Year in descending order

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56  
papers

4,655  
citations

172386

29  
h-index

149623

56  
g-index

67  
all docs

67  
docs citations

67  
times ranked

7606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterisation of the Stromal Microenvironment in Lobular Breast Cancer. <i>Cancers</i> , 2022, 14, 904.	1.7	13
2	Loss of Integrin-Linked Kinase Sensitizes Breast Cancer to SRC Inhibitors. <i>Cancer Research</i> , 2022, 82, 632-647.	0.4	6
3	Characterisation of a nucleo-adesome. <i>Nature Communications</i> , 2022, 13, .	5.8	4
4	mTORC1 activity is supported by spatial association with focal adhesions. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	41
5	Glioblastomas acquire myeloid-affiliated transcriptional programs via epigenetic immunoediting to elicit immune evasion. <i>Cell</i> , 2021, 184, 2454-2470.e26.	13.5	165
6	FAK regulates IL-33 expression by controlling chromatin accessibility at c-Jun motifs. <i>Scientific Reports</i> , 2021, 11, 229.	1.6	14
7	Network Analysis of Integrin Adhesion Complexes. <i>Methods in Molecular Biology</i> , 2021, 2217, 149-179.	0.4	7
8	Basement membrane ligands initiate distinct signalling networks to direct cell shape. <i>Matrix Biology</i> , 2020, 90, 61-78.	1.5	38
9	Novel roles of PRK1 and PRK2 in cilia and cancer biology. <i>Scientific Reports</i> , 2020, 10, 3902.	1.6	10
10	The autophagy protein Ambra1 regulates gene expression by supporting novel transcriptional complexes. <i>Journal of Biological Chemistry</i> , 2020, 295, 12045-12057.	1.6	13
11	Evaluation of Gene Expression Data From Cybrids and Tumours Highlights Elevated NDRG1-Driven Proliferation in Triple-Negative Breast Cancer. <i>Breast Cancer: Basic and Clinical Research</i> , 2020, 14, 117822342093444.	0.6	5
12	A Synergistic Anticancer FAK and HDAC Inhibitor Combination Discovered by a Novel Chemicalâ€“Genetic High-Content Phenotypic Screen. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 637-649.	1.9	16
13	Regulation of Cell-Matrix Adhesion Networks: Insights from Proteomics. <i>Biology of Extracellular Matrix</i> , 2020, , 183-208.	0.3	2
14	Integrative analysis of multi-platform reverse-phase protein array data for the pharmacodynamic assessment of response to targeted therapies. <i>Scientific Reports</i> , 2020, 10, 21985.	1.6	9
15	Structural basis of Focal Adhesion Kinase activation on lipid membranes. <i>EMBO Journal</i> , 2020, 39, e104743.	3.5	47
16	Reproducibility and Crossplatform Validation of Reverse-Phase Protein Array Data. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1188, 181-201.	0.8	7
17	Kindlin-1 Promotes Pulmonary Breast Cancer Metastasis. <i>Cancer Research</i> , 2018, 78, 1484-1496.	0.4	17
18	Proteomic Profiling of Integrin Adhesion Complex Assembly. <i>Methods in Molecular Biology</i> , 2018, 1764, 193-236.	0.4	10

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19	E-cadherin loss induces targetable autocrine activation of growth factor signalling in lobular breast cancer. <i>Scientific Reports</i> , 2018, 8, 15454.	1.6	55
20	Trafficking of Adhesion and Growth Factor Receptors and Their Effector Kinases. <i>Annual Review of Cell and Developmental Biology</i> , 2018, 34, 29-58.	4.0	11
21	Clustering and Network Analysis of Reverse Phase Protein Array Data. <i>Methods in Molecular Biology</i> , 2017, 1606, 171-191.	0.4	6
22	Nuclear FAK and Runx1 Cooperate to Regulate IGFBP3, Cell-Cycle Progression, and Tumor Growth. <i>Cancer Research</i> , 2017, 77, 5301-5312.	0.4	48
23	IL-33 and ST2 mediate FAK-dependent antitumor immune evasion through transcriptional networks. <i>Science Signaling</i> , 2017, 10, .	1.6	64
24	Ambra1 spatially regulates Src activity and Src/FAK-mediated cancer cell invasion via trafficking networks. <i>ELife</i> , 2017, 6, .	2.8	32
25	Characterization of the Phospho-Adesome by Mass Spectrometry-Based Proteomics. <i>Methods in Molecular Biology</i> , 2017, 1636, 235-251.	0.4	13
26	Identification of novel pathways linking epithelial-to-mesenchymal transition with resistance to HER2-targeted therapy. <i>Oncotarget</i> , 2016, 7, 11539-11552.	0.8	27
27	Adhesion protein networks reveal functions proximal and distal to cell-matrix contacts. <i>Current Opinion in Cell Biology</i> , 2016, 39, 93-100.	2.6	42
28	Proteomic analysis of integrin-associated complexes from mesenchymal stem cells. <i>Proteomics - Clinical Applications</i> , 2016, 10, 51-57.	0.8	31
29	Ligand-induced Epitope Masking. <i>Journal of Biological Chemistry</i> , 2016, 291, 20993-21007.	1.6	16
30	Genetic Background is a Key Determinant of Glomerular Extracellular Matrix Composition and Organization. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 3021-3034.	3.0	39
31	Isolation of Integrin-Based Adhesion Complexes. <i>Current Protocols in Cell Biology</i> , 2015, 66, 9.8.1-9.8.15.	2.3	48
32	Nuclear FAK Controls Chemokine Transcription, Tregs, and Evasion of Anti-tumor Immunity. <i>Cell</i> , 2015, 163, 160-173.	13.5	304
33	A proteomic approach reveals integrin activation state-dependent control of microtubule cortical targeting. <i>Nature Communications</i> , 2015, 6, 6135.	5.8	71
34	Definition of a consensus integrin adhesome and its dynamics during adhesion complex assembly and disassembly. <i>Nature Cell Biology</i> , 2015, 17, 1577-1587.	4.6	442
35	Defining the phospho-adesome through the phosphoproteomic analysis of integrin signalling. <i>Nature Communications</i> , 2015, 6, 6265.	5.8	150
36	Microtubule-Dependent Modulation of Adhesion Complex Composition. <i>PLoS ONE</i> , 2014, 9, e115213.	1.1	34

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37	Glomerular Cell Cross-Talk Influences Composition and Assembly of Extracellular Matrix. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 953-966.	3.0	88
38	Global Analysis Reveals the Complexity of the Human Glomerular Extracellular Matrix. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 939-951.	3.0	158
39	Exploring mechanisms of acquired resistance to HER2 (human epidermal growth factor receptor) Tj ETQq1 1 0.784314 rgBT /Overlock 1.6 17	1.6	17
40	The effect of peptide adsorption on signal linearity and a simple approach to improve reliability of quantification. <i>Journal of Proteomics</i> , 2013, 85, 160-164.	1.2	21
41	Defining the extracellular matrix using proteomics. <i>International Journal of Experimental Pathology</i> , 2013, 94, 75-92.	0.6	137
42	Rac1 is deactivated at integrin activation sites via an IQGAP1/filamin-A/RacGAP1 pathway. <i>Journal of Cell Science</i> , 2013, 126, 4121-35.	1.2	68
43	Comparative Proteomic Analysis of Supportive and Unsupportive Extracellular Matrix Substrates for Human Embryonic Stem Cell Maintenance. <i>Journal of Biological Chemistry</i> , 2013, 288, 18716-18731.	1.6	50
44	Proteomic analysis of extracellular matrix from the hepatic stellate cell line LX-2 identifies CYR61 and Wnt-5a as novel constituents of fibrotic liver. <i>Journal of Proteome Research</i> , 2012, 11, 4052-4064.	1.8	66
45	Alternative cellular roles for proteins identified using proteomics. <i>Journal of Proteomics</i> , 2012, 75, 4184-4185.	1.2	5
46	Proteomic analysis of $\alpha 5 \beta 1$ integrin adhesion complexes reveals $\beta$ -subunit-dependent protein recruitment. <i>Proteomics</i> , 2012, 12, 2107-2114.	1.3	52
47	A Syndecan-4 Hair Trigger Initiates Wound Healing through Caveolin- and RhoG-Regulated Integrin Endocytosis. <i>Developmental Cell</i> , 2011, 21, 681-693.	3.1	115
48	Analyzing the Anatomy of Integrin Adhesions. <i>Science Signaling</i> , 2011, 4, jc3.	1.6	26
49	Proteomic Analysis of Integrin Adhesion Complexes A presentation from the 6th British Society for Proteome Research (BSPR) – European Bioinformatics Institute (EBI) Meeting – Multiscale Proteomics: From Cells to Organisms – at the Wellcome Trust Conference Centre, Cambridge, UK, 14 to 16 July 2009. The Presentation also complements the <i>Science Signaling</i> Research Article by Humphries <a href="#">et al.</a> published 8 September 2009. <i>Science Signaling</i> , 2011, 4, pt2.	1.6	45
50	Adhesion signalling complexes. <i>Current Biology</i> , 2010, 20, R1063-R1067.	1.8	50
51	Proteomic Analysis of Integrin-Associated Complexes Identifies RCC2 as a Dual Regulator of Rac1 and Arf6. <i>Science Signaling</i> , 2009, 2, ra51.	1.6	220
52	Giving off mixed signals – Distinct functions of $\alpha 5 \beta 1$ and $\alpha v \beta 3$ integrins in regulating cell behaviour. <i>IUBMB Life</i> , 2009, 61, 731-738.	1.5	96
53	Anti-integrin monoclonal antibodies. <i>Journal of Cell Science</i> , 2009, 122, 4009-4011.	1.2	153
54	Mapping the ligand-binding pocket of integrin $\alpha 5 \beta 1$ using a gain-of-function approach. <i>Biochemical Journal</i> , 2009, 424, 179-189.	1.7	24

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55	Integrin ligands at a glance. <i>Journal of Cell Science</i> , 2006, 119, 3901-3903.	1.2	1,393
56	Utilisation of the budding yeast <i>Saccharomyces cerevisiae</i> for the generation and isolation of non-lethal ricin A chain variants. <i>Yeast</i> , 2005, 22, 1287-1297.	0.8	5