

Adam Byron

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

4,655
citations

172457

29
h-index

149698

56
g-index

67
all docs

67
docs citations

67
times ranked

7606
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrin ligands at a glance. <i>Journal of Cell Science</i> , 2006, 119, 3901-3903.	2.0	1,393
2	Definition of a consensus integrin adhesome and its dynamics during adhesion complex assembly and disassembly. <i>Nature Cell Biology</i> , 2015, 17, 1577-1587.	10.3	442
3	Nuclear FAK Controls Chemokine Transcription, Tregs, and Evasion of Anti-tumor Immunity. <i>Cell</i> , 2015, 163, 160-173.	28.9	304
4	Proteomic Analysis of Integrin-Associated Complexes Identifies RCC2 as a Dual Regulator of Rac1 and Arf6. <i>Science Signaling</i> , 2009, 2, ra51.	3.6	220
5	Glioblastomas acquire myeloid-affiliated transcriptional programs via epigenetic immunoeediting to elicit immune evasion. <i>Cell</i> , 2021, 184, 2454-2470.e26.	28.9	165
6	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.	6.1	158
7	Anti-integrin monoclonal antibodies. <i>Journal of Cell Science</i> , 2009, 122, 4009-4011.	2.0	153
8	Defining the phospho-adhesome through the phosphoproteomic analysis of integrin signalling. <i>Nature Communications</i> , 2015, 6, 6265.	12.8	150
9	Defining the extracellular matrix using proteomics. <i>International Journal of Experimental Pathology</i> , 2013, 94, 75-92.	1.3	137
10	A Syndecan-4 Hair Trigger Initiates Wound Healing through Caveolin- and RhoG-Regulated Integrin Endocytosis. <i>Developmental Cell</i> , 2011, 21, 681-693.	7.0	115
11	Giving off mixed signals—Distinct functions of β_5 and β_1 and β_3 integrins in regulating cell behaviour. <i>IUBMB Life</i> , 2009, 61, 731-738.	3.4	96
12	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.	6.1	88
13	A proteomic approach reveals integrin activation state-dependent control of microtubule cortical targeting. <i>Nature Communications</i> , 2015, 6, 6135.	12.8	71
14	Rac1 is deactivated at integrin activation sites via an IQGAP1/filamin-A/RacGAP1 pathway. <i>Journal of Cell Science</i> , 2013, 126, 4121-35.	2.0	68
15	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.	3.7	66
16	IL-33 and ST2 mediate FAK-dependent antitumor immune evasion through transcriptional networks. <i>Science Signaling</i> , 2017, 10, .	3.6	64
17	E-cadherin loss induces targetable autocrine activation of growth factor signalling in lobular breast cancer. <i>Scientific Reports</i> , 2018, 8, 15454.	3.3	55
18	Proteomic analysis of β_1 integrin adhesion complexes reveals β -unit-dependent protein recruitment. <i>Proteomics</i> , 2012, 12, 2107-2114.	2.2	52

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19	Adhesion signalling complexes. <i>Current Biology</i> , 2010, 20, R1063-R1067.	3.9	50
20	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.	3.4	50
21	Isolation of Integrin-Based Adhesion Complexes. <i>Current Protocols in Cell Biology</i> , 2015, 66, 9.8.1-9.8.15.	2.3	48
22	Nuclear FAK and Runx1 Cooperate to Regulate IGFBP3, Cell-Cycle Progression, and Tumor Growth. <i>Cancer Research</i> , 2017, 77, 5301-5312.	0.9	48
23	Structural basis of Focal Adhesion Kinase activation on lipid membranes. <i>EMBO Journal</i> , 2020, 39, e104743.	7.8	47
24	Proteomic Analysis of Integrin Adhesion ComplexesA presentation from the 6th British Society for Proteome Research (BSPR)â€“European Bioinformatics Institute (EBI) Meeting â€œMultiscale Proteomics: From Cells to Organismsâ€“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 et al. published 8 September 2009.. <i>Science Signaling</i> , 2011, 4, pt2.	3.6	45
25	Adhesion protein networks reveal functions proximal and distal to cell-matrix contacts. <i>Current Opinion in Cell Biology</i> , 2016, 39, 93-100.	5.4	42
26	mTORC1 activity is supported by spatial association with focal adhesions. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	41
27	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.	6.1	39
28	Basement membrane ligands initiate distinct signalling networks to direct cell shape. <i>Matrix Biology</i> , 2020, 90, 61-78.	3.6	38
29	Microtubule-Dependent Modulation of Adhesion Complex Composition. <i>PLoS ONE</i> , 2014, 9, e115213.	2.5	34
30	Ambra1 spatially regulates Src activity and Src/FAK-mediated cancer cell invasion via trafficking networks. <i>ELife</i> , 2017, 6, .	6.0	32
31	Proteomic analysis of integrin-associated complexes from mesenchymal stem cells. <i>Proteomics - Clinical Applications</i> , 2016, 10, 51-57.	1.6	31
32	Identification of novel pathways linking epithelial-to-mesenchymal transition with resistance to HER2-targeted therapy. <i>Oncotarget</i> , 2016, 7, 11539-11552.	1.8	27
33	Analyzing the Anatomy of Integrin Adhesions. <i>Science Signaling</i> , 2011, 4, jc3.	3.6	26
34	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.	3.7	24
35	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.	2.4	21
36	Exploring mechanisms of acquired resistance to HER2 (human epidermal growth factor receptor) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 6	3.4	17

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37	Kindlin-1 Promotes Pulmonary Breast Cancer Metastasis. <i>Cancer Research</i> , 2018, 78, 1484-1496.	0.9	17
38	Ligand-induced Epitope Masking. <i>Journal of Biological Chemistry</i> , 2016, 291, 20993-21007.	3.4	16
39	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.	4.1	16
40	FAK regulates IL-33 expression by controlling chromatin accessibility at c-Jun motifs. <i>Scientific Reports</i> , 2021, 11, 229.	3.3	14
41	The autophagy protein Ambra1 regulates gene expression by supporting novel transcriptional complexes. <i>Journal of Biological Chemistry</i> , 2020, 295, 12045-12057.	3.4	13
42	Characterization of the Phospho-Adhesome by Mass Spectrometry-Based Proteomics. <i>Methods in Molecular Biology</i> , 2017, 1636, 235-251.	0.9	13
43	Characterisation of the Stromal Microenvironment in Lobular Breast Cancer. <i>Cancers</i> , 2022, 14, 904.	3.7	13
44	Trafficking of Adhesion and Growth Factor Receptors and Their Effector Kinases. <i>Annual Review of Cell and Developmental Biology</i> , 2018, 34, 29-58.	9.4	11
45	Proteomic Profiling of Integrin Adhesion Complex Assembly. <i>Methods in Molecular Biology</i> , 2018, 1764, 193-236.	0.9	10
46	Novel roles of PRK1 and PRK2 in cilia and cancer biology. <i>Scientific Reports</i> , 2020, 10, 3902.	3.3	10
47	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.	3.3	9
48	Network Analysis of Integrin Adhesion Complexes. <i>Methods in Molecular Biology</i> , 2021, 2217, 149-179.	0.9	7
49	Reproducibility and Crossplatform Validation of Reverse-Phase Protein Array Data. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1188, 181-201.	1.6	7
50	Clustering and Network Analysis of Reverse Phase Protein Array Data. <i>Methods in Molecular Biology</i> , 2017, 1606, 171-191.	0.9	6
51	Loss of Integrin-Linked Kinase Sensitizes Breast Cancer to SRC Inhibitors. <i>Cancer Research</i> , 2022, 82, 632-647.	0.9	6
52	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.	1.7	5
53	Alternative cellular roles for proteins identified using proteomics. <i>Journal of Proteomics</i> , 2012, 75, 4184-4185.	2.4	5
54	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.	1.1	5

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55	Characterisation of a nucleo-adhesome. Nature Communications, 2022, 13, .	12.8	4
56	Regulation of Cell-Matrix Adhesion Networks: Insights from Proteomics. Biology of Extracellular Matrix, 2020, , 183-208.	0.3	2