

# Ali Badache

## List of Publications by Year in descending order

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41  
papers

1,462  
citations

394421

19  
h-index

361022

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Syntenin mediates SRC function in exosomal cell-to-cell communication. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12495-12500.	7.1	114
2	Memo mediates ErbB2-driven cell motility. Nature Cell Biology, 2004, 6, 515-522.	10.3	112
3	Memoâ€“RhoAâ€“mDia1 signaling controls microtubules, the actin network, and adhesion site formation in migrating cells. Journal of Cell Biology, 2008, 183, 401-408.	5.2	112
4	Memo Is a Copper-Dependent Redox Protein with an Essential Role in Migration and Metastasis. Science Signaling, 2014, 7, ra56.	3.6	110
5	ErbB2 receptor controls microtubule capture by recruiting ACF7 to the plasma membrane of migrating cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18517-18522.	7.1	94
6	Neurofibrosarcoma-derived Schwann cells overexpress platelet-derived growth factor (PDGF) receptors and are induced to proliferate by PDGF BB. , 1998, 177, 334-342.		80
7	A new therapeutic antibody masks ErbB2 to its partners. Cancer Cell, 2004, 5, 299-301.	16.8	77
8	Expression of Kit in neurofibromin-deficient human Schwann cells: role in Schwann cell hyperplasia associated with Type 1 Neurofibromatosis. Oncogene, 1998, 17, 795-800.	5.9	73
9	The ErbB2 Signaling Network as a Target for Breast Cancer Therapy. Journal of Mammary Gland Biology and Neoplasia, 2006, 11, 13-25.	2.7	65
10	Adenomatous polyposis coli nucleates actin assembly to drive cell migration and microtubule-induced focal adhesion turnover. Journal of Cell Biology, 2017, 216, 2859-2875.	5.2	60
11	An Essential Role for Src Kinase in ErbB Receptor Signaling through the MAPK Pathway. Experimental Cell Research, 2001, 267, 81-87.	2.6	49
12	Memo1-Mediated Tiling of Radial Glial Cells Facilitates Cerebral Cortical Development. Neuron, 2019, 103, 836-852.e5.	8.1	46
13	Glycoproteins and lectins in cell adhesion and cell recognition processes. The Histochemical Journal, 1992, 24, 791-804.	0.6	42
14	Phosphorylation of CREB in axon-induced Schwann cell proliferation. , 1999, 55, 702-712.		42
15	Essential and nonredundant roles for Diaphanous formins in cortical microtubule capture and directed cell migration. Molecular Biology of the Cell, 2014, 25, 658-668.	2.1	39
16	The role of APC-mediated actin assembly in microtubule capture and focal adhesion turnover. Journal of Cell Biology, 2019, 218, 3415-3435.	5.2	38
17	EB1-bindingâ€“myomegalin protein complex promotes centrosomal microtubules functions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10687-E10696.	7.1	28
18	TEL/ETV6 Is a Signal Transducer and Activator of Transcription 3 (Stat3)-induced Repressor of Stat3 Activity. Journal of Biological Chemistry, 2004, 279, 38787-38796.	3.4	26

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19	Memo Is Homologous to Nonheme Iron Dioxygenases and Binds an ErbB2-derived Phosphopeptide in Its Vestigial Active Site. <i>Journal of Biological Chemistry</i> , 2008, 283, 2734-2740.	3.4	25
20	ErbB2-Dependent Chemotaxis Requires Microtubule Capture and Stabilization Coordinated by Distinct Signaling Pathways. <i>PLoS ONE</i> , 2013, 8, e55211.	2.5	22
21	Carbohydrate Moieties of Myelin-Associated Glycoprotein, Major Glycoprotein of the Peripheral Nervous System Myelin and Other Myelin Glycoproteins Potentially Involved in Cell Adhesion. <i>Developmental Neuroscience</i> , 1992, 14, 342-350.	2.0	20
22	Myelin basic protein (MBP) and MBP peptides are mitogens for cultured astrocytes. , 2000, 29, 81-90.		20
23	Eribulin targets a ch-TOG-dependent directed migration of cancer cells. <i>Oncotarget</i> , 2015, 6, 41667-41678.	1.8	20
24	Lesion-induced re-expression of neonatal recognition molecules in adult rat cerebellum. <i>Brain Research Bulletin</i> , 1993, 30, 515-521.	3.0	18
25	A proximity-labeling proteomic approach to investigate invadopodia molecular landscape in breast cancer cells. <i>Scientific Reports</i> , 2020, 10, 6787.	3.3	14
26	An endogenous lectin and its glycoprotein ligands are triggering basal and axon-induced Schwann cell proliferation. <i>Glycobiology</i> , 1995, 5, 371-383.	2.5	13
27	Septin-microtubule association via a motif unique to the isoform 1 of septin 9 tunes stress fibers. <i>Journal of Cell Science</i> , 2021, , .	2.0	12
28	Endogenous Cerebellar Soluble Lectin and Its Ligands in Central Nervous System Myelin of <i>quaking</i> and <i>jimpy</i> Mutant Mice. <i>Developmental Neuroscience</i> , 1990, 12, 382-397.	2.0	11
29	Identification of a Src kinase SH3 binding site in the C-terminal domain of the human ErbB2 receptor tyrosine kinase. <i>FEBS Letters</i> , 2014, 588, 2031-2036.	2.8	11
30	The Endogenous Lectin Cerebellar Soluble Lectin and Its Ligands in Central Nervous System Myelin of Myelin-Deficient (mld) Mutant Mice. <i>Journal of Neurochemistry</i> , 1991, 56, 436-445.	3.9	10
31	iASPP contributes to cell cortex rigidity, mitotic cell rounding, and spindle positioning. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	9
32	Cerebellar Lectins. <i>International Review of Cytology</i> , 1992, 135, 123-154.	6.2	7
33	MEMO associated with an ErbB2 receptor phosphopeptide reveals a new phosphotyrosine motif. <i>FEBS Letters</i> , 2011, 585, 2688-2692.	2.8	7
34	Involvement of the endogenous lectin CSL in adhesion of Chinese hamster ovary cells. <i>European Journal of Cell Biology</i> , 1991, 56, 433-42.	3.6	6
35	Cerebellar soluble lectin and its glycoprotein ligands in the developing brain of control and dysmyelinating mutant mice. <i>Neurochemistry International</i> , 1993, 22, 125-133.	3.8	5
36	<sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N assignments of the C-terminal intrinsically disordered cytosolic fragment of the receptor tyrosine kinase ErbB2. <i>Biomolecular NMR Assignments</i> , 2018, 12, 23-26.	0.8	5

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37	Structural and dynamic characterization of the C-terminal tail of ErbB2: Disordered but not random. Biophysical Journal, 2021, 120, 1869-1882.	0.5	5
38	A simplified, 96-wellâ€‘adapted, ATP luminescenceâ€‘based motility assay. BioTechniques, 2009, 47, 871-875.	1.8	4
39	EB1 Restricts Breast Cancer Cell Invadopodia Formation and Matrix Proteolysis via FAK. Cells, 2021, 10, 388.	4.1	4
40	Brain Lectins:Structure and Function.. Trends in Glycoscience and Glycotechnology, 1992, 4, 415-426.	0.1	3
41	En forme pour la division. Medecine/Sciences, 2022, 38, 514-516.	0.2	0