

# Daniel Broek

## List of Publications by Year in descending order

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26  
papers

5,556  
citations

430874

18  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3156  
citing authors

#	ARTICLE	IF	CITATIONS
1	In yeast, RAS proteins are controlling elements of adenylate cyclase. <i>Cell</i> , 1985, 40, 27-36.	28.9	1,209
2	Role of Substrates and Products of PI 3-kinase in Regulating Activation of Rac-Related Guanosine Triphosphatases by Vav. <i>Science</i> , 1998, 279, 558-560.	12.6	766
3	The <i>S. cerevisiae</i> CDC25 gene product regulates the RAS/adenylate cyclase pathway. <i>Cell</i> , 1987, 48, 789-799.	28.9	523
4	DNA sequence and characterization of the <i>S. cerevisiae</i> gene encoding adenylate cyclase. <i>Cell</i> , 1985, 43, 493-505.	28.9	468
5	Differential activation of yeast adenylate cyclase by wild type and mutant RAS proteins. <i>Cell</i> , 1985, 41, 763-769.	28.9	392
6	Involvement of p34cdc2 in establishing the dependency of S phase on mitosis. <i>Nature</i> , 1991, 349, 388-393.	27.8	379
7	RAS proteins can induce meiosis in xenopus oocytes. <i>Cell</i> , 1985, 43, 615-621.	28.9	360
8	RAM, a gene of yeast required for a functional modification of RAS proteins and for production of mating pheromone a-factor. <i>Cell</i> , 1986, 47, 413-422.	28.9	275
9	Sphingosine Kinase Mediates Vascular Endothelial Growth Factor-Induced Activation of Ras and Mitogen-Activated Protein Kinases. <i>Molecular and Cellular Biology</i> , 2002, 22, 7758-7768.	2.3	270
10	Control of Intramolecular Interactions between the Pleckstrin Homology and Dbl Homology Domains of Vav and Sos1 Regulates Rac Binding. <i>Journal of Biological Chemistry</i> , 2000, 275, 15074-15081.	3.4	165
11	VEGF receptor expression and signaling in human bladder tumors. <i>Oncogene</i> , 2003, 22, 3361-3370.	5.9	142
12	EphB4 Expression and Biological Significance in Prostate Cancer. <i>Cancer Research</i> , 2005, 65, 4623-4632.	0.9	129
13	Expression and Significance of Vascular Endothelial Growth Factor Receptor 2 in Bladder Cancer. <i>Journal of Urology</i> , 2006, 175, 1245-1252.	0.4	122
14	Functional cloning of BUD5, a CDC25-related gene from <i>S. cerevisiae</i> that can suppress a dominant-negative RAS2 mutant. <i>Cell</i> , 1991, 65, 1225-1231.	28.9	114
15	Sphingosine Kinase Protects Lipopolysaccharide-Activated Macrophages from Apoptosis. <i>Molecular and Cellular Biology</i> , 2004, 24, 7359-7369.	2.3	69
16	EphB4 provides survival advantage to squamous cell carcinoma of the head and neck. <i>International Journal of Cancer</i> , 2006, 119, 1236-1248.	5.1	69
17	Localization of the cellular expression pattern of cdc25NEF and ras in the juvenile rat brain. <i>Molecular Brain Research</i> , 1993, 19, 339-344.	2.3	30
18	Distinct Subclasses of Small GTPases Interact with Guanine Nucleotide Exchange Factors in a Similar Manner. <i>Molecular and Cellular Biology</i> , 1998, 18, 7444-7454.	2.3	23

#	ARTICLE	IF	CITATIONS
19	Cloning and analysis of human cDNAs encoding a 140-kDa brain guanine nucleotide-exchange factor, Cdc25GEF, which regulates the function of Ras. <i>Gene</i> , 1994, 151, 279-284.	2.2	17
20	The adenylyl cyclase-encoding gene from <i>Saccharomyces kluyveri</i> . <i>Gene</i> , 1991, 102, 129-132.	2.2	8
21	Identification and analysis of a DNA fragment from <i>Saccharomyces kluyveri</i> that can complement the loss of CDC25 function in <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1992, 117, 67-72.	2.2	7
22	[15] Analysis of interaction between Ras and CDC25 guanine nucleotide exchange factor using yeast GAL4 two-hybrid system. <i>Methods in Enzymology</i> , 1995, 255, 135-148.	1.0	6
23	Biochemical analysis of regulation of Vav, a guanine-nucleotide exchange factor for Rho family of GTPases. <i>Methods in Enzymology</i> , 2000, 325, 38-51.	1.0	6
24	Eukaryotic RAS Proteins and Yeast Proteins with Which They Interact. <i>Current Topics in Microbiology and Immunology</i> , 1989, 147, 155-169.	1.1	5
25	Generation of a Monoclonal Antibody to a Cryptic Site Common to Both Integrin $\alpha 21$ as Well as Gelatinase MMP9. <i>Hybridoma</i> , 2003, 22, 285-292.	0.4	2
26	In vitro, Vav is a regulated guanine nucleotide dissociation inhibitor for Ras. <i>Immunology Letters</i> , 2002, 80, 1-2.	2.5	0