

# Marcel Deckert

## List of Publications by Year in descending order

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83  
papers

4,922  
citations

76326

40  
h-index

91884

69  
g-index

90  
all docs

90  
docs citations

90  
times ranked

6633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Cancer Cell Metabolism: The Combination of Metformin and 2-Deoxyglucose Induces p53-Dependent Apoptosis in Prostate Cancer Cells. <i>Cancer Research</i> , 2010, 70, 2465-2475.	0.9	465
2	Functional and Physical Interactions of Syk Family Kinases with the Vav Proto-Oncogene Product. <i>Immunity</i> , 1996, 5, 591-604.	14.3	258
3	A Novel Functional Interaction between Vav and PKC $\delta$ Is Required for TCR-Induced T Cell Activation. <i>Immunity</i> , 2000, 12, 151-160.	14.3	212
4	ITAM-Based Interaction of ERM Proteins with Syk Mediates Signaling by the Leukocyte Adhesion Receptor PSGL-1. <i>Immunity</i> , 2002, 17, 401-412.	14.3	200
5	The Epithelial-Mesenchymal Transition (EMT) Regulatory Factor SLUG (SNAI2) Is a Downstream Target of SPARC and AKT in Promoting Melanoma Cell Invasion. <i>PLoS ONE</i> , 2012, 7, e40378.	2.5	176
6	Loss of Tankyrase-Mediated Destruction of 3BP2 Is the Underlying Pathogenic Mechanism of Cherubism. <i>Cell</i> , 2011, 147, 1324-1339.	28.9	170
7	Endocytosis of GPI-anchored proteins in human lymphocytes: role of glycolipid-based domains, actin cytoskeleton, and protein kinases.. <i>Journal of Cell Biology</i> , 1996, 133, 791-799.	5.2	151
8	Tumour-derived SPARC drives vascular permeability and extravasation through endothelial VCAM1 signalling to promote metastasis. <i>Nature Communications</i> , 2015, 6, 6993.	12.8	151
9	The tyrosine kinase Syk regulates the survival of chronic lymphocytic leukemia B cells through PKC $\delta$ and proteasome-dependent regulation of Mcl-1 expression. <i>Oncogene</i> , 2009, 28, 3261-3273.	5.9	108
10	Coordinated Regulation of the Tyrosine Phosphorylation of Cbl by Fyn and Syk Tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 1998, 273, 8867-8874.	3.4	107
11	Adaptor Function for the Syk Kinasesâ€“Interacting Protein 3BP2 in IL-2 Gene Activation. <i>Immunity</i> , 1998, 9, 595-605.	14.3	102
12	CD59 molecule: A second ligand for CD2 in T cell adhesion. <i>European Journal of Immunology</i> , 1992, 22, 2943-2947.	2.9	95
13	Views on Vav. <i>Trends in Immunology</i> , 1997, 18, 221-225.	7.5	93
14	Homeostatic chemokines increase survival of B-chronic lymphocytic leukemia cells through inactivation of transcription factor FOXO3a. <i>Oncogene</i> , 2007, 26, 7081-7091.	5.9	90
15	Signaling through ZAP-70 is required for CXCL12-mediated T-cell transendothelial migration. <i>Blood</i> , 2002, 99, 3111-3118.	1.4	89
16	The Mechanism of CD47-Dependent Killing of T Cells: Heterotrimeric Gi-Dependent Inhibition of Protein Kinase A. <i>Journal of Immunology</i> , 2003, 170, 3544-3553.	0.8	85
17	CD47 and the 19 kDa Interacting Protein-3 (BNIP3) in T Cell Apoptosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 23915-23921.	3.4	84
18	Recruitment of the Actin-binding Protein HIP-55 to the Immunological Synapse Regulates T Cell Receptor Signaling and Endocytosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 15550-15560.	3.4	81

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19	The adaptor protein 3BP2 associates with VAV guanine nucleotide exchange factors to regulate NFAT activation by the B-cell antigen receptor. <i>Blood</i> , 2005, 105, 1106-1113.	1.4	78
20	Vav-Rac1-Mediated Activation of the c-Jun N-Terminal Kinase/c-Jun/AP-1 Pathway Plays a Major Role in Stimulation of the Distal NFAT Site in the Interleukin-2 Gene Promoter. <i>Molecular and Cellular Biology</i> , 2001, 21, 3126-3136.	2.3	77
21	A survey of the signaling pathways involved in megakaryocytic differentiation of the human K562 leukemia cell line by molecular and c-DNA array analysis. <i>Oncogene</i> , 2006, 25, 781-794.	5.9	74
22	Proteolytic regulation of Forkhead transcription factor FOXO3a by caspase-3-like proteases. <i>Oncogene</i> , 2003, 22, 4557-4568.	5.9	72
23	HGF induces fibronectin matrix synthesis in melanoma cells through MAP kinase-dependent signaling pathway and induction of Egr-1. <i>Oncogene</i> , 2005, 24, 1423-1433.	5.9	71
24	Gene expression profiling of imatinib and PD166326-resistant CML cell lines identifies Fyn as a gene associated with resistance to BCR-ABL inhibitors. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 1924-1933.	4.1	71
25	Cancer cell-derived long pentraxin 3 (PTX3) promotes melanoma migration through a toll-like receptor 4 (TLR4)/NF- $\kappa$ B signaling pathway. <i>Oncogene</i> , 2019, 38, 5873-5889.	5.9	71
26	The glycosylphosphatidylinositol-anchored CD59 protein stimulates both T cell receptor $\zeta$ /ZAP-70-dependent and -independent signaling pathways in T cells. <i>European Journal of Immunology</i> , 1995, 25, 1815-1822.	2.9	70
27	Spleen Tyrosine Kinase Functions as a Tumor Suppressor in Melanoma Cells by Inducing Senescence-like Growth Arrest. <i>Cancer Research</i> , 2009, 69, 2748-2756.	0.9	69
28	Integrin-associated protein (CD47) is a comitogenic molecule on CD3-activated human T cells. <i>Journal of Immunology</i> , 1997, 158, 677-84.	0.8	69
29	SPARC functions as an anti-stress factor by inactivating p53 through Akt-mediated MDM2 phosphorylation to promote melanoma cell survival. <i>Oncogene</i> , 2011, 30, 4887-4900.	5.9	60
30	Melibiose permease of Escherichia coli: Mutation of aspartic acid 55 in putative helix II abolishes activation of sugar binding by Na <sup>+</sup> ions. <i>Biochemical and Biophysical Research Communications</i> , 1991, 178, 1176-1181.	2.1	57
31	Persistent Activation of the Fyn/ERK Kinase Signaling Axis Mediates Imatinib Resistance in Chronic Myelogenous Leukemia Cells through Upregulation of Intracellular SPARC. <i>Cancer Research</i> , 2010, 70, 9659-9670.	0.9	56
32	Vav modulation of the Ras/MEK/ERK signaling pathway plays a role in NFAT activation and CD69 up-regulation. <i>European Journal of Immunology</i> , 2000, 30, 1587-1596.	2.9	53
33	CD58 and CD59 molecules exhibit potentializing effects in T cell adhesion and activation. <i>Journal of Immunology</i> , 1992, 148, 672-7.	0.8	53
34	Vav1 Promotes T Cell Cycle Progression by Linking TCR/CD28 Costimulation to FOXO1 and p27kip1 Expression. <i>Journal of Immunology</i> , 2006, 177, 5024-5031.	0.8	51
35	Mammalian actin binding protein 1 is essential for endocytosis but not lamellipodia formation: functional analysis by RNA interference. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 704-710.	2.1	47
36	A Feed-Forward Mechanosignaling Loop Confers Resistance to Therapies Targeting the MAPK Pathway in BRAF-Mutant Melanoma. <i>Cancer Research</i> , 2020, 80, 1927-1941.	0.9	46

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37	Hif-2alpha mediates UV-induced apoptosis through a novel ATF3-dependent death pathway. <i>Cell Death and Differentiation</i> , 2008, 15, 1472-1480.	11.2	45
38	Targeting the Proteasome-Associated Deubiquitinating Enzyme USP14 Impairs Melanoma Cell Survival and Overcomes Resistance to MAPK-Targeting Therapies. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1416-1429.	4.1	45
39	Reconstitution of T Cell Antigen Receptor-Induced Erk2 Kinase Activation in Lck-Negative JCaM1 Cells by Syk. <i>FEBS Journal</i> , 1997, 245, 84-90.	0.2	43
40	Expression of the complement regulatory protein CD59 on human spermatozoa: Characterization and role in gametic interaction. <i>Molecular Reproduction and Development</i> , 1994, 38, 338-346.	2.0	42
41	The Chaperone Protein 14-3-3 Interacts with 3BP2/SH3BP2 and Regulates Its Adapter Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 7146-7153.	3.4	42
42	Pathological Prion Protein Exposure Switches on Neuronal Mitogen-activated Protein Kinase Pathway Resulting in Microglia Recruitment. <i>Journal of Biological Chemistry</i> , 2005, 280, 1529-1534.	3.4	39
43	Identification of the Site in the Syk Protein Tyrosine Kinase That Binds the SH2 Domain of Lck. <i>Journal of Biological Chemistry</i> , 1996, 271, 24294-24299.	3.4	38
44	Forkhead box O3 (FOXO3) transcription factor mediates apoptosis in BCG-infected macrophages. <i>Cellular Microbiology</i> , 2014, 16, 1378-1390.	2.1	38
45	The p53/p21 <sup>Cip1</sup> /Waf1 pathway mediates the effects of SPARC on melanoma cell cycle progression. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 219-232.	3.3	36
46	The Calcineurin Inhibitor Tacrolimus as a New Therapy in Severe Cherubism. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 878-885.	2.8	36
47	Vav: Function and Regulation in Hematopoietic Cell Signaling. <i>Stem Cells</i> , 1996, 14, 250-268.	3.2	34
48	3BP2 Adapter Protein Is Required for Receptor Activator of NF- $\kappa$ B Ligand (RANKL)-induced Osteoclast Differentiation of RAW264.7 Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 20952-20963.	3.4	34
49	Targeting Discoidin Domain Receptors DDR1 and DDR2 overcomes matrix-mediated tumor cell adaptation and tolerance to BRAF-targeted therapy in melanoma. <i>EMBO Molecular Medicine</i> , 2022, 14, e11814.	6.9	33
50	Imatinib triggers mesenchymal-like conversion of CML cells associated with increased aggressiveness. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 207-220.	3.3	32
51	Differential requirements for ERK1/2 and P38 MAPK activation by thrombin in T cells. Role of P59Fyn and PKC $\mu$ . <i>Oncogene</i> , 2001, 20, 1964-1972.	5.9	31
52	Ciglitazone negatively regulates CXCL1 signaling through MITF to suppress melanoma growth. <i>Cell Death and Differentiation</i> , 2011, 18, 109-121.	11.2	31
53	Vav1 Couples T Cell Receptor to Serum Response Factor-dependent Transcription via a MEK-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 15376-15384.	3.4	30
54	Id3 is a novel regulator of p27kip1 mRNA in early G1 phase and is required for cell-cycle progression. <i>Oncogene</i> , 2007, 26, 5772-5783.	5.9	30

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55	Integrin-dependent Tyrosine Phosphorylation and Growth Regulation by Vav. <i>Cell Adhesion and Communication</i> , 1999, 7, 1-11.	1.7	29
56	Dual Role of Sp3 Transcription Factor as an Inducer of Apoptosis and a Marker of Tumour Aggressiveness. <i>PLoS ONE</i> , 2009, 4, e4478.	2.5	29
57	Vav2 Activates c-fos Serum Response Element and CD69 Expression but Negatively Regulates Nuclear Factor of Activated T Cells and Interleukin-2 Gene Activation in T Lymphocyte. <i>Journal of Biological Chemistry</i> , 2001, 276, 20849-20857.	3.4	26
58	The Adapter 3BP2: How It Plugs into Leukocyte Signaling. , 2006, 584, 107-114.		24
59	Involvement of FKHRL1 in melanoma cell survival and death. <i>Pigment Cell and Melanoma Research</i> , 2008, 21, 139-146.	3.3	24
60	BCL-B (BCL2L10) is overexpressed in patients suffering from multiple myeloma (MM) and drives an MM-like disease in transgenic mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 1705-1722.	8.5	24
61	Cherubism allele heterozygosity amplifies microbe-induced inflammatory responses in murine macrophages. <i>Journal of Clinical Investigation</i> , 2015, 125, 1396-1400.	8.2	24
62	Cell-Penetrating TAT-FOXO3 Fusion Proteins Induce Apoptotic Cell Death in Leukemic Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 37-46.	4.1	23
63	Bad Neighborhood: Fibrotic Stroma as a New Player in Melanoma Resistance to Targeted Therapies. <i>Cancers</i> , 2020, 12, 1364.	3.7	19
64	Glycosylphosphatidylinositol (GPI)-deficient Jurkat T cells as a model to study functions of GPI-anchored proteins. <i>Clinical and Experimental Immunology</i> , 2000, 122, 49-54.	2.6	17
65	Abl-SH3 binding protein 2, 3BP2, interacts with CIN85 and HIP-55. <i>FEBS Letters</i> , 2007, 581, 967-974.	2.8	17
66	The caspase-cleaved form of LYN mediates a psoriasis-like inflammatory syndrome in mice. <i>EMBO Journal</i> , 2009, 28, 2449-2460.	7.8	17
67	The Function of Small GTPases in Signaling by Immune Recognition and Other Leukocyte Receptors. <i>Advances in Immunology</i> , 1999, 72, 1-101.	2.2	15
68	The p.Arg63Trp polymorphism controls Vav1 functions and Foxp3 regulatory T cell development. <i>Journal of Experimental Medicine</i> , 2011, 208, 2183-2191.	8.5	14
69	Defining a new aggressiveness classification and using NFATc1 localization as a prognostic factor in cherubism. <i>Human Pathology</i> , 2016, 58, 62-71.	2.0	14
70	The Immunological Synapse and Rho GTPases. <i>Current Topics in Microbiology and Immunology</i> , 2005, 291, 61-90.	1.1	13
71	Blockade of the pro-fibrotic reaction mediated by the miR-143/145 cluster enhances the responses to targeted therapy in melanoma. <i>EMBO Molecular Medicine</i> , 2022, 14, e15295.	6.9	12
72	Secretion of IL1 by Dedifferentiated Melanoma Cells Inhibits JAK1-STAT3-Driven Actomyosin Contractility of Lymph Node Fibroblastic Reticular Cells. <i>Cancer Research</i> , 2022, 82, 1774-1788.	0.9	12

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73	Phenylarsine oxide and phorbol myristate acetate inhibit the CD3-induced rise of cytosolic Ca <sup>2+</sup> in Jurkat cells by refilling internal Ca <sup>2+</sup> stores. <i>Biochemical Journal</i> , 1994, 297, 567-572.	3.7	11
74	Technical Advance: Actin CytoFRET, a novel FRET flow cytometry method for detection of actin dynamics in resting and activated T cell. <i>Journal of Leukocyte Biology</i> , 2013, 94, 531-539.	3.3	5
75	Comparison of SYK Signaling Networks Reveals the Potential Molecular Determinants of Its Tumor-Promoting and Suppressing Functions. <i>Biomolecules</i> , 2021, 11, 308.	4.0	5
76	SYK-3BP2 Pathway Activity in Parenchymal and Myeloid Cells Is a Key Pathogenic Factor in Metabolic Steatohepatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 13, 173-191.	4.5	5
77	Monocyte-Independent T Cell Activation by Simultaneous Binding of Three CD2 Monoclonal Antibodies (D66 + T11.1 + GT2). <i>Cellular Immunology</i> , 1995, 163, 88-95.	3.0	4
78	Emerging Role of Deubiquitinating Enzymes (DUBs) in Melanoma Pathogenesis. <i>Cancers</i> , 2022, 14, 3371.	3.7	4
79	Vav modulation of the Ras/MEK/ERK signaling pathway plays a role in NFAT activation and CD69 up-regulation. , 2000, 30, 1587.		2
80	Deubiquitinase Inhibitors Impair Leukemic Cell Migration Through Cofilin Oxidation and Alteration of Actin Reorganization. <i>Frontiers in Pharmacology</i> , 2021, 12, 778216.	3.5	2
81	Hif-2alpha mediates UV induced apoptosis through a novel ATF3 dependent death pathway. <i>European Journal of Cancer, Supplement</i> , 2008, 6, 33.	2.2	1
82	FOXO3a Transcription Factor mediates Apoptosis of Mycobacterium bovis BCG-Infected Macrophages. <i>International Journal of Infectious Diseases</i> , 2010, 14, e128.	3.3	0
83	Senescence Escape in Melanoma: Role of Spleen Tyrosine Kinase SYK. , 2014, , 227-237.		0