

# Marcel Spaargaren

## List of Publications by Year in descending order

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Version: 2024-02-01

97  
papers

9,871  
citations

66250

44  
h-index

45040

94  
g-index

101  
all docs

101  
docs citations

101  
times ranked

13098  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A loss-of-adhesion CRISPR-Cas9 screening platform to identify cell adhesion-regulatory proteins and signaling pathways. <i>Nature Communications</i> , 2022, 13, 2136.   | 5.8 | 4         |
| 2  | Redirecting T-cell Activity with Anti-BCMA/Anti-CD3 Bispecific Antibodies in Chronic Lymphocytic Leukemia and Other B-cell Lymphomas. <i>Cancer Research Communications</i> , 2022, 2, 330-341.  | 0.7 | 6         |
| 3  | Tipping the balance: toward rational combination therapies to overcome venetoclax resistance in mantle cell lymphoma. <i>Leukemia</i> , 2022, 36, 2165-2176.   | 3.3 | 8         |
| 4  | Identification of the SRC-family tyrosine kinase HCK as a therapeutic target in mantle cell lymphoma. <i>Leukemia</i> , 2021, 35, 881-886.   | 3.3 | 14        |
| 5  | Syndecan-1 and stromal heparan sulfate proteoglycans: key moderators of plasma cell biology and myeloma pathogenesis. <i>Blood</i> , 2021, 137, 1713-1718.   | 0.6 | 14        |
| 6  | Immune evasion in primary testicular and central nervous system lymphomas: HLA loss rather than PD-L1/PD-L2 alterations. <i>Blood</i> , 2021, 138, 1194-1197.  | 0.6 | 5         |
| 7  | Infection and transmission of SARS-CoV-2 depend on heparan sulfate proteoglycans. <i>EMBO Journal</i> , 2021, 40, e106765.   | 3.5 | 50        |
| 8  | The CXCL12 $\gamma$ chemokine immobilized by heparan sulfate on stromal niche cells controls adhesion and mediates drug resistance in multiple myeloma. <i>Journal of Hematology and Oncology</i> , 2021, 14, 11.                              | 6.9 | 15        |
| 9  | MYD88 mutations identify a molecular subgroup of diffuse large B-cell lymphoma with an unfavorable prognosis. <i>Haematologica</i> , 2020, 105, 424-434.   | 1.7 | 55        |
| 10 | Hepatocyte growth factor/MET and CD44 in colorectal cancer: partners in tumorigenesis and therapy resistance. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188437.  | 3.3 | 26        |
| 11 | AKT signaling restrains tumor suppressive functions of FOXO transcription factors and GSK3 kinase in multiple myeloma. <i>Blood Advances</i> , 2020, 4, 4151-4164.   | 2.5 | 20        |
| 12 | MET Signaling Overcomes Epidermal Growth Factor Receptor Inhibition in Normal and Colorectal Cancer Stem Cells Causing Drug Resistance. <i>Gastroenterology</i> , 2019, 157, 1153-1155.e1.   | 0.6 | 14        |
| 13 | The anaphase-promoting complex/cyclosome: a new promising target in diffuse large B-cell lymphoma and mantle cell lymphoma. <i>British Journal of Cancer</i> , 2019, 120, 1137-1146.   | 2.9 | 12        |
| 14 | Aberrant Wnt signaling in multiple myeloma: molecular mechanisms and targeting options. <i>Leukemia</i> , 2019, 33, 1063-1075.   | 3.3 | 119       |
| 15 | Aberrant Wnt signaling in multiple myeloma: molecular mechanisms and targeting options. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, e108.   | 0.2 | 0         |
| 16 | Syndecan-1 and stromal HSPGs: key moderators of communication between myeloma plasma cells and the bone marrow niche. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, e96-e97.  | 0.2 | 0         |
| 17 | Syndecan-1 promotes Wnt/ $\beta$ -catenin signaling in multiple myeloma by presenting Wnts and R-spondins. <i>Blood</i> , 2018, 131, 982-994.  | 0.6 | 68        |
| 18 | The small FOXP1 isoform predominantly expressed in activated B cell-like diffuse large B-cell lymphoma and full-length FOXP1 exert similar oncogenic and transcriptional activity in human B cells. <i>Haematologica</i> , 2017, 102, 573-583. | 1.7 | 18        |

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|----|--|-----|-----------|
| 19 | Aberrantly expressed LGR4 empowers Wnt signaling in multiple myeloma by hijacking osteoblast-derived R-spondins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 376-381.  | 3.3 | 37        |
| 20 | MET Signaling Mediates Intestinal Crypt-Villus Development, Regeneration, and Adenoma Formation and Is Promoted by Stem Cell CD44 Isoforms. Gastroenterology, 2017, 153, 1040-1053.e4.   | 0.6 | 48        |
| 21 | Loss of CYLD expression unleashes Wnt signaling in multiple myeloma and is associated with aggressive disease. Oncogene, 2017, 36, 2105-2115.  | 2.6 | 34        |
| 22 | Cell lines generated from a chronic lymphocytic leukemia mouse model exhibit constitutive Btk and Akt signaling. Oncotarget, 2017, 8, 71981-71995.   | 0.8 | 27        |
| 23 | Targeting cell adhesion and homing as strategy to cure Waldenström's macroglobulinemia. Best Practice and Research in Clinical Haematology, 2016, 29, 161-168.   | 0.7 | 5         |
| 24 | Ibrutinib and idelalisib target B cell receptor- but not CXCL12/CXCR4-controlled integrin-mediated adhesion in Waldenstrom macroglobulinemia. Haematologica, 2016, 101, e111-e115.   | 1.7 | 30        |
| 25 | The pan phosphoinositide 3-kinase/mammalian target of rapamycin inhibitor SAR245409 (voxtalisib/XL765) blocks survival, adhesion and proliferation of primary chronic lymphocytic leukemia cells. Leukemia, 2016, 30, 337-345.                                       | 3.3 | 17        |
| 26 | Ibrutinib and idelalisib synergistically target BCR-controlled adhesion in MCL and CLL: a rationale for combination therapy. Blood, 2015, 125, 2306-2309.  | 0.6 | 79        |
| 27 | The forkhead transcription factor FOXP1 represses human plasma cell differentiation. Blood, 2015, 126, 2098-2109.  | 0.6 | 42        |
| 28 | Ibrutinib for AML? Check CD117 (KIT)!. Lancet Haematology, the, 2015, 2, e180-e181.  | 2.2 | 1         |
| 29 | BTK inhibitors in chronic lymphocytic leukemia: a glimpse to the future. Oncogene, 2015, 34, 2426-2436.  | 2.6 | 29        |
| 30 | Diffuse large B cell lymphomas relapsing in the CNS lack oncogenic MYD88 and CD79B mutations. Blood Cancer Journal, 2014, 4, e266-e266.  | 2.8 | 11        |
| 31 | High prevalence of oncogenic MYD88 and CD79B mutations in primary testicular diffuse large B-cell lymphoma. Leukemia, 2014, 28, 719-720.   | 3.3 | 91        |
| 32 | Stem cell CD44v isoforms promote intestinal cancer formation in Apc(min) mice downstream of Wnt signaling. Oncogene, 2014, 33, 665-670.  | 2.6 | 116       |
| 33 | FOXP1 directly represses transcription of proapoptotic genes and cooperates with NF- $\kappa$ B to promote survival of human B cells. Blood, 2014, 124, 3431-3440.   | 0.6 | 86        |
| 34 | Combined Inhibition of mTOR and DNA-PK Blocks Survival, Adhesion, Proliferation and Chemoresistance in Primary Chronic Lymphocytic Leukemia (CLL) Cells. Blood, 2014, 124, 1981-1981.  | 0.6 | 3         |
| 35 | Combined Inhibition of Phosphatidylinositol 3-Kinase (PI3K) Isoform $\beta$ and $\gamma$ By the Pan-Class I PI3K Inhibitor SAR245409 (XL765) in Primary Chronic Lymphocytic Leukemia Cells Blocks Survival, Adhesion and Proliferation. Blood, 2014, 124, 4691-4691. | 0.6 | 1         |
| 36 | Heparan sulfate proteoglycans in the control of $\beta$ cell development and the pathogenesis of multiple myeloma. FEBS Journal, 2013, 280, 2180-2193.   | 2.2 | 47        |

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|----|--|-----|-----------|
| 37 | High prevalence of oncogenic MYD88 and CD79B mutations in diffuse large B-cell lymphomas presenting at immune-privileged sites. <i>Blood Cancer Journal</i> , 2013, 3, e139-e139.  | 2.8 | 164       |
| 38 | The hypoxia target adrenomedullin is aberrantly expressed in multiple myeloma and promotes angiogenesis. <i>Leukemia</i> , 2013, 27, 1729-1737.  | 3.3 | 41        |
| 39 | Egress of CD19+CD5+ cells into peripheral blood following treatment with the Bruton tyrosine kinase inhibitor ibrutinib in mantle cell lymphoma patients. <i>Blood</i> , 2013, 122, 2412-2424.                                       | 0.6 | 185       |
| 40 | Possible Mechanisms Of Resistance To The Novel BH3-Mimetic ABT-199 In In Vitro Lymph Node Models Of CLL – The Role Of Abl and Btk. <i>Blood</i> , 2013, 122, 4188-4188.  | 0.6 | 6         |
| 41 | CD44 Expression in Intestinal Epithelium and Colorectal Cancer Is Independent of p53 Status. <i>PLoS ONE</i> , 2013, 8, e72849.  | 1.1 | 23        |
| 42 | EuroClonality/BIOMED-2 guidelines for interpretation and reporting of Ig/TCR clonality testing in suspected lymphoproliferations. <i>Leukemia</i> , 2012, 26, 2159-2171.   | 3.3 | 409       |
| 43 | The clinically active BTK inhibitor PCI-32765 targets B-cell receptor– and chemokine-controlled adhesion and migration in chronic lymphocytic leukemia. <i>Blood</i> , 2012, 119, 2590-2594.   | 0.6 | 493       |
| 44 | Tubular epithelial syndecan-1 maintains renal function in murine ischemia/reperfusion and human transplantation. <i>Kidney International</i> , 2012, 81, 651-661.  | 2.6 | 54        |
| 45 | Transcriptional Silencing of the Wnt-Antagonist DKK1 by Promoter Methylation Is Associated with Enhanced Wnt Signaling in Advanced Multiple Myeloma. <i>PLoS ONE</i> , 2012, 7, e30359.  | 1.1 | 41        |
| 46 | Mapping the Targets of Dasatinib in Chronic Lymphocytic Leukemia Reveals Distinct Roles for Abl and Btk in Drug Resistance and Adhesion, and Explains Clinical Effects On Lymph Node Reduction. <i>Blood</i> , 2012, 120, 3900-3900. | 0.6 | 2         |
| 47 | WNT signaling controls expression of pro-apoptotic BOK and BAX in intestinal cancer. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 1-6.  | 1.0 | 26        |
| 48 | Disruption of heparan sulfate proteoglycan conformation perturbs B-cell maturation and APRIL-mediated plasma cell survival. <i>Blood</i> , 2011, 117, 6162-6171.   | 0.6 | 48        |
| 49 | Lymphoma spread? Target CD47-SIRPα. <i>Blood</i> , 2011, 118, 4762-4764.   | 0.6 | 4         |
| 50 | N-cadherin-mediated interaction with multiple myeloma cells inhibits osteoblast differentiation. <i>Haematologica</i> , 2011, 96, 1653-1661.   | 1.7 | 36        |
| 51 | Egress of CD19+CD5+ Cells Into Peripheral Blood Following Treatment with the Bruton Tyrosine Kinase Inhibitor, PCI-32765, in Mantle Cell Lymphoma Patients. <i>Blood</i> , 2011, 118, 954-954.                                       | 0.6 | 1         |
| 52 | Targeting EXT1 reveals a crucial role for heparan sulfate in the growth of multiple myeloma. <i>Blood</i> , 2010, 115, 601-604.  | 0.6 | 50        |
| 53 | The HGF/MET pathway as target for the treatment of multiple myeloma and B-cell lymphomas. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1806, 208-219.   | 3.3 | 28        |
| 54 | Impaired Lymphoid Organ Development in Mice Lacking the Heparan Sulfate Modifying Enzyme Glucuronyl C5-Epimerase. <i>Journal of Immunology</i> , 2010, 184, 3656-3664.   | 0.4 | 25        |

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| 55 | Transcriptional Silencing of the Wnt-Antagonist Dickkopf-1 (DKK1) by Promoter Methylation Unleashes Aberrant Wnt Signaling In Advanced Multiple Myeloma. <i>Blood</i> , 2010, 116, 1919-1919.                              | 0.6 | 53        |
| 56 | Targeting EXT-1 Reveals a Crucial Role of Heparan Sulfate in the Growth of Multiple Myeloma.. <i>Blood</i> , 2009, 114, 1830-1830.   | 0.6 | 1         |
| 57 | Instant conditional transgenesis in the mouse hematopoietic compartment. <i>Journal of Immunological Methods</i> , 2008, 339, 259-263.   | 0.6 | 3         |
| 58 | Illegitimate WNT Pathway Activation by $\beta$ -Catenin Mutation or Autocrine Stimulation in T-Cell Malignancies. <i>Cancer Research</i> , 2008, 68, 6969-6977.  | 0.4 | 41        |
| 59 | Deletion of the WNT Target and Cancer Stem Cell Marker CD44 in Apc(Min/+) Mice Attenuates Intestinal Tumorigenesis. <i>Cancer Research</i> , 2008, 68, 3655-3661.  | 0.4 | 163       |
| 60 | Tubulointerstitial heparan sulfate proteoglycan changes in human renal diseases correlate with leukocyte influx and proteinuria. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F253-F263.          | 1.3 | 39        |
| 61 | The small GTPase Ral mediates SDF-1 $\alpha$ -induced migration of B cells and multiple myeloma cells. <i>Blood</i> , 2008, 111, 3364-3372.  | 0.6 | 43        |
| 62 | The B Cell Antigen Receptor Controls AP-1 and NFAT Activity through Ras-Mediated Activation of Ral. <i>Journal of Immunology</i> , 2007, 178, 1405-1414.   | 0.4 | 31        |
| 63 | Lymphoma dissemination: the other face of lymphocyte homing. <i>Blood</i> , 2007, 110, 3102-3111.  | 0.6 | 157       |
| 64 | Bruton's Tyrosine Kinase and Phospholipase C $\beta$ 2 Mediate Chemokine-Controlled B Cell Migration and Homing. <i>Immunity</i> , 2007, 26, 93-104.   | 6.6 | 262       |
| 65 | Significantly improved PCR-based clonality testing in B-cell malignancies by use of multiple immunoglobulin gene targets. Report of the BIOMED-2 Concerted Action BHM4-CT98-3936. <i>Leukemia</i> , 2007, 21, 207-214.     | 3.3 | 292       |
| 66 | Powerful strategy for polymerase chain reaction-based clonality assessment in T-cell malignancies Report of the BIOMED-2 Concerted Action BHM4 CT98-3936. <i>Leukemia</i> , 2007, 21, 215-221.                             | 3.3 | 222       |
| 67 | Functional analysis of HGF/MET signaling and aberrant HGF-activator expression in diffuse large B-cell lymphoma. <i>Blood</i> , 2006, 107, 760-768.  | 0.6 | 80        |
| 68 | Stimulated plasmacytoid dendritic cells impair human T-cell development. <i>Blood</i> , 2006, 108, 3792-3800.  | 0.6 | 24        |
| 69 | Heparan sulfate proteoglycan binding promotes APRIL-induced tumor cell proliferation. <i>Cell Death and Differentiation</i> , 2005, 12, 637-648.   | 5.0 | 204       |
| 70 | Follicular Dendritic Cells Catalyze Hepatocyte Growth Factor (HGF) Activation in the Germinal Center Microenvironment by Secreting the Serine Protease HGF Activator. <i>Journal of Immunology</i> , 2005, 175, 2807-2813. | 0.4 | 24        |
| 71 | Illegitimate WNT signaling promotes proliferation of multiple myeloma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6122-6127.                                | 3.3 | 293       |
| 72 | Multiple myeloma cells catalyze hepatocyte growth factor (HGF) activation by secreting the serine protease HGF-activator. <i>Blood</i> , 2004, 104, 2172-2175.   | 0.6 | 54        |

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|----|--|-----|-----------|
| 73 | Design and standardization of PCR primers and protocols for detection of clonal immunoglobulin and T-cell receptor gene recombinations in suspect lymphoproliferations: Report of the BIOMED-2 Concerted Action BMH4-CT98-3936. <i>Leukemia</i> , 2003, 17, 2257-2317. | 3.3 | 2,788     |
| 74 | Primary Follicular Lymphoma of the Small Intestine. <i>American Journal of Pathology</i> , 2003, 162, 105-113.   | 1.9 | 96        |
| 75 | The hepatocyte growth factor/Met pathway controls proliferation and apoptosis in multiple myeloma. <i>Leukemia</i> , 2003, 17, 764-774.  | 3.3 | 145       |
| 76 | The B Cell Antigen Receptor Controls Integrin Activity through Btk and PLC $\beta$ 2. <i>Journal of Experimental Medicine</i> , 2003, 198, 1539-1550.  | 4.2 | 211       |
| 77 | R-Ras Alters Ca <sup>2+</sup> Homeostasis by Increasing the Ca <sup>2+</sup> Leak across the Endoplasmic Reticular Membrane. <i>Journal of Biological Chemistry</i> , 2003, 278, 13672-13679.  | 1.6 | 18        |
| 78 | c-Cbl Is Involved in Met Signaling in B Cells and Mediates Hepatocyte Growth Factor-Induced Receptor Ubiquitination. <i>Journal of Immunology</i> , 2002, 169, 3793-3800.  | 0.4 | 57        |
| 79 | Cell surface proteoglycan syndecan-1 mediates hepatocyte growth factor binding and promotes Met signaling in multiple myeloma. <i>Blood</i> , 2002, 99, 1405-1410.   | 0.6 | 235       |
| 80 | Hepatocyte growth factor triggers signaling cascades mediating vascular smooth muscle cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 80-86.   | 1.0 | 37        |
| 81 | Human sprouty 4, a new ras antagonist on 5q31, interacts with the dual specificity kinase TESK1. <i>FEBS Journal</i> , 2002, 269, 2546-2556.   | 0.2 | 76        |
| 82 | Regulation of Cytokine Signaling by B Cell Antigen Receptor and Cd40-Controlled Expression of Heparan Sulfate Proteoglycans. <i>Journal of Experimental Medicine</i> , 2000, 192, 1115-1124.   | 4.2 | 46        |
| 83 | The hepatocyte growth factor/ met pathway in development, tumorigenesis, and B-cell differentiation. <i>Advances in Cancer Research</i> , 2000, 79, 39-90.   | 1.9 | 95        |
| 84 | Factor VIIa/Tissue Factor-induced Signaling via Activation of Src-like Kinases, Phosphatidylinositol 3-Kinase, and Rac. <i>Journal of Biological Chemistry</i> , 2000, 275, 28750-28756.   | 1.6 | 85        |
| 85 | Expression of c-Met and Heparan-Sulfate Proteoglycan Forms of CD44 in Colorectal Cancer. <i>American Journal of Pathology</i> , 2000, 157, 1563-1573.  | 1.9 | 75        |
| 86 | Heparan Sulfate-modified CD44 Promotes Hepatocyte Growth Factor/Scatter Factor-induced Signal Transduction through the Receptor Tyrosine Kinase c-Met. <i>Journal of Biological Chemistry</i> , 1999, 274, 6499-6506.  | 1.6 | 198       |
| 87 | Rab5 Induces Rac-independent Lamellipodia Formation and Cell Migration. <i>Molecular Biology of the Cell</i> , 1999, 10, 3239-3250.  | 0.9 | 77        |
| 88 | Association of RACK1 and PKC $\zeta$ with the common $\beta$ -chain of the IL-5/IL-3/GM-CSF receptor. <i>Oncogene</i> , 1999, 18, 5126-5130.   | 2.6 | 81        |
| 89 | Differential Interaction of the Ras Family GTP-binding Proteins H-Ras, Rap1A, and R-Ras with the Putative Effector Molecules Raf Kinase and Ral-Guanine Nucleotide Exchange Factor. <i>Journal of Biological Chemistry</i> , 1996, 271, 6794-6800.                     | 1.6 | 298       |
| 90 | Epidermal Growth Factor (EGF) Induces Serine Phosphorylation-Dependent Activation and Calcium-Dependent Translocation of the Cytosolic Phospholipase A2. <i>FEBS Journal</i> , 1995, 231, 593-601.   | 0.2 | 53        |

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|----|--|-----|-----------|
| 91 | The Ras-related protein R-ras interacts directly with Raf-1 in a GTP-dependent manner. <i>Biochemical Journal</i> , 1994, 300, 303-307.  | 1.7 | 62        |
| 92 | Identification of the guanine nucleotide dissociation stimulator for Ral as a putative effector molecule of R-ras, H-ras, K-ras, and Rap.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 12609-12613. | 3.3 | 251       |
| 93 | Characterization and identification of an epidermal-growth-factor-activated phospholipase A2. <i>Biochemical Journal</i> , 1992, 287, 37-43.   | 1.7 | 56        |
| 94 | Dimerization Activates the Epidermal Growth Factor Receptor Tyrosine Kinase. , 1991, , 45-58.  |     | 0         |
| 95 | Interaction of Epidermal growth factor receptors with the cytoskeleton is related to receptor clustering. <i>Journal of Cellular Physiology</i> , 1990, 145, 365-375.  | 2.0 | 36        |
| 96 | Antibody-induced activation of the epidermal growth factor receptor tyrosine kinase requires the presence of detergent. <i>Biochemical and Biophysical Research Communications</i> , 1990, 171, 882-889.   | 1.0 | 10        |
| 97 | General Mechanistic Patterns of Signal Transduction Across Membranes. , 0, , 1-59.   |     | 0         |