

Elisabeth Naschberger

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

4,192
citations

136950

32
h-index

123424

61
g-index

104
all docs

104
docs citations

104
times ranked

6715
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregated neutrophil extracellular traps limit inflammation by degrading cytokines and chemokines. <i>Nature Medicine</i> , 2014, 20, 511-517.	30.7	734
2	Vascular occlusion by neutrophil extracellular traps in COVID-19. <i>EBioMedicine</i> , 2020, 58, 102925.	6.1	369
3	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021, 28, 3125-3139.	11.2	189
4	The ephrin receptor tyrosine kinase A2 is a cellular receptor for Kaposi's sarcoma-associated herpesvirus. <i>Nature Medicine</i> , 2012, 18, 961-966.	30.7	172
5	IFN- γ drives inflammatory bowel disease pathogenesis through VE-cadherin-directed vascular barrier disruption. <i>Journal of Clinical Investigation</i> , 2019, 129, 4691-4707.	8.2	141
6	The guanylate binding protein-1 GTPase controls the invasive and angiogenic capability of endothelial cells through inhibition of MMP-1 expression. <i>EMBO Journal</i> , 2003, 22, 3772-3782.	7.8	135
7	Guanylate-Binding Protein-1 Expression Is Selectively Induced by Inflammatory Cytokines and Is an Activation Marker of Endothelial Cells during Inflammatory Diseases. <i>American Journal of Pathology</i> , 2002, 161, 1749-1759.	3.8	129
8	PU.1 controls fibroblast polarization and tissue fibrosis. <i>Nature</i> , 2019, 566, 344-349.	27.8	121
9	Intracellular Trafficking of Guanylate-Binding Proteins Is Regulated by Heterodimerization in a Hierarchical Manner. <i>PLoS ONE</i> , 2010, 5, e14246.	2.5	106
10	Unique Features of Different Members of the Human Guanylate-Binding Protein Family. <i>Journal of Interferon and Cytokine Research</i> , 2007, 27, 44-52.	1.2	90
11	EBV latent membrane protein-1 protects B cells from apoptosis by inhibition of BAX. <i>Blood</i> , 2005, 105, 3263-3269.	1.4	88
12	GBP-1 acts as a tumor suppressor in colorectal cancer cells. <i>Carcinogenesis</i> , 2013, 34, 153-162.	2.8	85
13	Angiostatic immune reaction in colorectal carcinoma: Impact on survival and perspectives for antiangiogenic therapy. <i>International Journal of Cancer</i> , 2008, 123, 2120-2129.	5.1	84
14	Notch3 signalling promotes tumour growth in colorectal cancer. <i>Journal of Pathology</i> , 2011, 224, 448-460.	4.5	77
15	Nuclear factor-kappaB motif and interferon-alpha-stimulated response element co-operate in the activation of guanylate-binding protein-1 expression by inflammatory cytokines in endothelial cells. <i>Biochemical Journal</i> , 2004, 379, 409-420.	3.7	72
16	Matricellular protein SPARCL1 regulates tumor microenvironment-dependent endothelial cell heterogeneity in colorectal carcinoma. <i>Journal of Clinical Investigation</i> , 2016, 126, 4187-4204.	8.2	68
17	Gamma Interferon-Induced Guanylate Binding Protein 1 Is a Novel Actin Cytoskeleton Remodeling Factor. <i>Molecular and Cellular Biology</i> , 2014, 34, 196-209.	2.3	67
18	IRAK-M Expression in Tumor Cells Supports Colorectal Cancer Progression through Reduction of Antimicrobial Defense and Stabilization of STAT3. <i>Cancer Cell</i> , 2016, 29, 684-696.	16.8	67

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19	Guanylate binding protein α 1 inhibits spreading and migration of endothelial cells through induction of integrin α 4 expression. <i>FASEB Journal</i> , 2008, 22, 4168-4178.	0.5	64
20	IFN- β and TNF- α -induced GBP-1 inhibits epithelial cell proliferation through suppression of β -catenin/TCF signaling. <i>Mucosal Immunology</i> , 2012, 5, 681-690.	6.0	55
21	A Systems Biology Approach To Identify the Combination Effects of Human Herpesvirus 8 Genes on NF- κ B Activation. <i>Journal of Virology</i> , 2009, 83, 2563-2574.	3.4	47
22	Interferon β -Induced Human Guanylate Binding Protein 1 Inhibits Mammary Tumor Growth in Mice. <i>Molecular Medicine</i> , 2010, 16, 177-187.	4.4	46
23	Human Guanylate Binding Protein-1 Is a Secreted GTPase Present in Increased Concentrations in the Cerebrospinal Fluid of Patients with Bacterial Meningitis. <i>American Journal of Pathology</i> , 2006, 169, 1088-1099.	3.8	45
24	Non-professional phagocytosis: a general feature of normal tissue cells. <i>Scientific Reports</i> , 2019, 9, 11875.	3.3	45
25	Interleukin-3 is a predictive marker for severity and outcome during SARS-CoV-2 infections. <i>Nature Communications</i> , 2021, 12, 1112.	12.8	44
26	Viral Inhibitor of Apoptosis vFLIP/K13 Protects Endothelial Cells against Superoxide-Induced Cell Death. <i>Journal of Virology</i> , 2009, 83, 598-611.	3.4	43
27	Neutrophil extracellular traps drive epithelial \rightarrow mesenchymal transition of human colon cancer. <i>Journal of Pathology</i> , 2022, 256, 455-467.	4.5	43
28	β 6-integrin serves as a novel serum tumor marker for colorectal carcinoma. <i>International Journal of Cancer</i> , 2019, 145, 678-685.	5.1	42
29	Human guanylate binding protein-1 (hGBP-1) characterizes and establishes a non-angiogenic endothelial cell activation phenotype in inflammatory diseases. <i>Advances in Enzyme Regulation</i> , 2005, 45, 215-227.	2.6	41
30	Endothelial progenitor cells are integrated in newly formed capillaries and alter adjacent fibrovascular tissue after subcutaneous implantation in a fibrin matrix. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2452-2461.	3.6	41
31	Pathophysiological role of guanylate-binding proteins in gastrointestinal diseases. <i>World Journal of Gastroenterology</i> , 2016, 22, 6434.	3.3	41
32	O-Linked <i>N</i> -Acetylglucosamylation of Sp1 Inhibits the Human Immunodeficiency Virus Type 1 Promoter. <i>Journal of Virology</i> , 2009, 83, 3704-3718.	3.4	37
33	One Step Nucleic Acid Amplification (OSNA) - a new method for lymph node staging in colorectal carcinomas. <i>Journal of Translational Medicine</i> , 2010, 8, 83.	4.4	36
34	Guanylate Binding Protein α 1-Mediated Interaction of T Cell Antigen Receptor Signaling with the Cytoskeleton. <i>Journal of Immunology</i> , 2014, 192, 771-781.	0.8	35
35	Interferon- α counteracts the angiogenic switch and reduces tumor cell proliferation in a spontaneous model of prostatic cancer. <i>Carcinogenesis</i> , 2009, 30, 851-860.	2.8	33
36	Permeability analyses and three dimensional imaging of interferon gamma-induced barrier disintegration in intestinal organoids. <i>Stem Cell Research</i> , 2019, 35, 101383.	0.7	32

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37	Interferon Gamma Counteracts the Angiogenic Switch and Induces Vascular Permeability in Dextran Sulfate Sodium Colitis in Mice. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	1.9	30
38	T17b murine embryonal endothelial progenitor cells can be induced towards both proliferation and differentiation in a fibrin matrix. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 926-935.	3.6	29
39	Role of guanylate binding protein-1 in vascular defects associated with chronic inflammatory diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1582-1592.	3.6	26
40	High Throughput Screening of Gene Functions in Mammalian Cells Using Reversely Transfected Cell Arrays: Review And Protocol. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 159-172.	1.1	25
41	Increased expression of guanylate binding protein-1 in lesional skin of patients with cutaneous lupus erythematosus. <i>Experimental Dermatology</i> , 2011, 20, 102-106.	2.9	25
42	Multiple Interferon Regulatory Factor and NF- κ B Sites Cooperate in Mediating Cell-Type- and Maturation-Specific Activation of the Human <i>CD83</i> Promoter in Dendritic Cells. <i>Molecular and Cellular Biology</i> , 2013, 33, 1331-1344.	2.3	25
43	Endothelial cells of human colorectal cancer and healthy colon reveal phenotypic differences in culture. <i>Laboratory Investigation</i> , 2007, 87, 1159-1170.	3.7	24
44	Tetramerization of human guanylate-binding protein 1 is mediated by coiled-coil formation of the C-terminal α -helices. <i>FEBS Journal</i> , 2012, 279, 2544-2554.	4.7	24
45	Melanocytes as emerging key players in niche regulation of limbal epithelial stem cells. <i>Ocular Surface</i> , 2021, 22, 172-189.	4.4	23
46	Quantitative proteome profiling of lymph node-positive vs. -negative colorectal carcinomas pinpoints MX1 as a marker for lymph node metastasis. <i>International Journal of Cancer</i> , 2014, 135, 2878-2886.	5.1	21
47	Tumor-associated fibroblasts isolated from colorectal cancer tissues exhibit increased ICAM-1 expression and affinity for monocytes. <i>Oncology Reports</i> , 2014, 31, 255-261.	2.6	21
48	Identification of Predictive Markers for Response to Neoadjuvant Chemoradiation in Rectal Carcinomas by Proteomic Isotope Coded Protein Label (ICPL) Analysis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 209.	4.1	20
49	The clinical value of von Willebrand factor in colorectal carcinomas. <i>American Journal of Translational Research (discontinued)</i> , 2011, 3, 445-53.	0.0	20
50	Malignant progression of invasive tumour cells seen in hypoxia present an accumulation of β -catenin in the nucleus at the tumour front. <i>Experimental and Molecular Pathology</i> , 2009, 87, 109-116.	2.1	19
51	Structural proteins of Kaposi's sarcoma-associated herpesvirus antagonize p53-mediated apoptosis. <i>Oncogene</i> , 2015, 34, 639-649.	5.9	18
52	Soluble intercellular adhesion molecule-1 is a prognostic marker in colorectal carcinoma. <i>International Journal of Colorectal Disease</i> , 2019, 34, 309-317.	2.2	18
53	IFN- γ -Driven Intratumoral Microenvironment Exhibits Superior Prognostic Effect Compared with an IFN- α -Driven Microenvironment in Patients with Colon Carcinoma. <i>American Journal of Pathology</i> , 2013, 183, 1897-1909.	3.8	17
54	Protein tyrosine phosphatase nonreceptor type 2 controls colorectal cancer development. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	16

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55	Hypoxia Generates a More Invasive Phenotype of Tumour Cells: An In Vivo Experimental Setup Based on the Chorioallantoic Membrane. <i>Pathology and Oncology Research</i> , 2009, 15, 417-422.	1.9	15
56	Inhibition of integrin $\alpha 6 \beta 1$ sparks T-cell antitumor response and enhances immune checkpoint blockade therapy in colorectal cancer. , 2022, 10, e003465.		15
57	Cytokine-Induced Guanylate Binding Protein 1 (GBP1) Release from Human Ovarian Cancer Cells. <i>Cancers</i> , 2020, 12, 488.	3.7	14
58	Expression and localization of axin 2 in colorectal carcinoma and its clinical implication. <i>International Journal of Colorectal Disease</i> , 2013, 28, 1469-1478.	2.2	13
59	Processing and secretion of guanylate binding protein $\alpha 1$ depend on inflammatory caspase activity. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1954-1966.	3.6	13
60	Angiocrine Regulation of Epithelial Barrier Integrity in Inflammatory Bowel Disease. <i>Frontiers in Medicine</i> , 2021, 8, 643607.	2.6	13
61	Guanylate-binding protein 1 expression from embryonal endothelial progenitor cells reduces blood vessel density and cellular apoptosis in an axially vascularised tissue-engineered construct. <i>BMC Biotechnology</i> , 2012, 12, 94.	3.3	12
62	IFN- γ -response mediator GBP-1 represses human cell proliferation by inhibiting the Hippo signaling transcription factor TEAD. <i>Biochemical Journal</i> , 2018, 475, 2955-2967.	3.7	12
63	Phage-displayed recombinant single-chain antibody fragments with high affinity for cholesteryl ester transfer protein (CETP): cDNA cloning, characterization and CETP quantification. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 247-55.	2.3	11
64	Isolation of Endothelial Cells from Human Tumors. <i>Methods in Molecular Biology</i> , 2011, 731, 209-218.	0.9	10
65	Molecular characterization of peripheral arterial disease in proximal extremity arteries. <i>Journal of Surgical Research</i> , 2012, 178, 1046-1058.	1.6	10
66	Mycobacterial Cord Factor Reprograms the Macrophage Response to IFN- γ towards Enhanced Inflammation yet Impaired Antigen Presentation and Expression of GBP1. <i>Journal of Immunology</i> , 2020, 205, 1580-1592.	0.8	10
67	A novel chip-based parallel transfection assay to evaluate paracrine cell interactions. <i>Lab on A Chip</i> , 2012, 12, 1363.	6.0	9
68	Matricellular Protein SPARCL1 Regulates Blood Vessel Integrity and Antagonizes Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1491-1502.	1.9	9
69	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. <i>PLoS ONE</i> , 2020, 15, e0233422.	2.5	9
70	A model of chronic enthesitis and new bone formation characterized by multimodal imaging. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	8
71	Absolute quantification of DcR3 and GDF15 from human serum by LC-ESI/MS. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1656-1671.	3.6	7
72	Usability and Suitability of the Omics-Integrating Analysis Platform tranSMART for Translational Research and Education. <i>Applied Clinical Informatics</i> , 2017, 08, 1173-1183.	1.7	7

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73	Investigating Intestinal Barrier Breakdown in Living Organoids. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	6
74	Maternal HIV Type 1 Infection Suppresses MMP-1 Expression in Endothelial Cells of Uninfected Newborns: Nonviral Vertical Transmission of HIV Type 1-Related Effects. <i>AIDS Research and Human Retroviruses</i> , 2005, 21, 940-944.	1.1	5
75	Isolation of Human Endothelial Cells from Normal Colon and Colorectal Carcinoma - An Improved Protocol. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
76	Efficacy of aflibercept (EYLEA Â®) on inhibition of human VEGF in vitro. <i>Annals of Anatomy</i> , 2017, 211, 135-139.	1.9	4
77	Reverse Transfected Cell Microarrays in Infectious Disease Research. <i>Methods in Molecular Biology</i> , 2011, 706, 107-118.	0.9	4
78	Pleural Resident Macrophages and Pleural IRA B Cells Promote Efficient Immunity Against Pneumonia by Inducing Early Pleural Space Inflammation. <i>Frontiers in Immunology</i> , 2022, 13, 821480.	4.8	4
79	P064 INTERFERON-GAMMA INDUCED VASCULAR IMPAIRMENT CONTRIBUTES TO THE PATHOGENESIS OF INFLAMMATORY BOWEL DISEASES. <i>Gastroenterology</i> , 2018, 154, S34.	1.3	1
80	133 O-linked N-Acetylglucosaminylation Represses HIV-1 Replication and Sp1-Mediated Trans-Activation of the HIV-1-LTR. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009, 51, .	2.1	0
81	Formation of gouty tophi is initiated by extranuclear DNA. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A8-A8.	0.9	0
82	Mo1720 IFN-Î³ Counteracts the Angiogenic Switch and Induces Vascular Permeability in DSS Colitis in Mice. <i>Gastroenterology</i> , 2015, 148, S-694.	1.3	0
83	532 P21 EXPRESSION IN CD4+ T CELLS IS CRITICAL FOR THE ANTI-TUMOR RESPONSE DURING COLORECTAL CANCER. <i>Gastroenterology</i> , 2021, 160, S-108.	1.3	0
84	Abstract 2182: Differential transfection on a cell chip for high throughput analysis of paracrine gene effects in angiogenesis and tumor invasion. , 2010, , .		0
85	Abstract 4107: Human guanylate-binding protein-1 (GBP-1) in colorectal carcinoma. , 2010, , .		0
86	Prospective evaluation of predictive and prognostic molecular markers in colorectal carcinomas.. <i>Journal of Clinical Oncology</i> , 2010, 28, e14114-e14114.	1.6	0
87	Abstract 780: Immune escape in colorectal carcinoma: role of the IFN-Î³ pathway. , 2011, , .		0
88	Abstract 1255: A novel chip-based parallel transfection assay to evaluate paracrine cell interactions. , 2012, , .		0
89	Abstract 4687: COL10A1, MMP-11 and ABHD2 expression in colorectal carcinoma primary tumors indicates metastatic disease.. , 2013, , .		0
90	Abstract 1521: Role of the guanylate-binding-protein 1 (GBP-1) in immunoediting of colorectal carcinoma.. , 2013, , .		0

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91	Cell-Based Microarrays: Recent Advances for Gene Function Analyses. , 2014, , 1-15.		0
92	Tumor microenvironment-dependent heterogeneity and cytogenetic abnormality of tumor endothelial cells in human colorectal carcinoma.. Journal of Clinical Oncology, 2014, 32, e22012-e22012.	1.6	0
93	Abstract 2375: Endothelial cells isolated from colorectal carcinoma exhibit tumor microenvironment-dependent plasticity allowing the identification of SPARCL1 as a novel endothelial cell quiescence factor. , 2015, , .		0
94	Abstract 3369: Tumor-microenvironment-dependent imprinting of endothelial cells in human colorectal carcinoma. , 2016, , .		0
95	Abstract 2048: Interferon- γ triggers an anti-tumorigenic chain reaction in the tumor vessels of colorectal carcinoma. , 2018, , .		0
96	Abstract 195: SPARCL1 is an angiocrine inhibitor of tumorigenesis in colorectal carcinoma. , 2019, , .		0
97	Abstract 5162: Role of IFN-gamma-activation of distinct tumor and stromal cell populations in colorectal carcinoma pathogenesis. , 2019, , .		0
98	Abstract 5162: Role of IFN-gamma-activation of distinct tumor and stromal cell populations in colorectal carcinoma pathogenesis. , 2019, , .		0
99	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0
100	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0
101	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0
102	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0