

Elisabeth Naschberger

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

2,902
citations

29
h-index

52
g-index

104
ext. papers

3,657
ext. citations

7.3
avg, IF

4.43
L-index

#	Paper	IF	Citations
84	Aggregated neutrophil extracellular traps limit inflammation by degrading cytokines and chemokines. <i>Nature Medicine</i> , 2014 , 20, 511-7	50.5	516
83	Vascular occlusion by neutrophil extracellular traps in COVID-19. <i>EBioMedicine</i> , 2020 , 58, 102925	8.8	210
82	The ephrin receptor tyrosine kinase A2 is a cellular receptor for Kaposi's sarcoma-associated herpesvirus. <i>Nature Medicine</i> , 2012 , 18, 961-6	50.5	131
81	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, 3772-82	13	120
80	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, 1749-59	5.8	112
79	Intracellular trafficking of guanylate-binding proteins is regulated by heterodimerization in a hierarchical manner. <i>PLoS ONE</i> , 2010 , 5, e14246	3.7	80
78	EBV latent membrane protein-1 protects B cells from apoptosis by inhibition of BAX. <i>Blood</i> , 2005 , 105, 3263-9	2.2	80
77	Unique features of different members of the human guanylate-binding protein family. <i>Journal of Interferon and Cytokine Research</i> , 2007 , 27, 44-52	3.5	75
76	Angiostatic immune reaction in colorectal carcinoma: Impact on survival and perspectives for antiangiogenic therapy. <i>International Journal of Cancer</i> , 2008 , 123, 2120-9	7.5	72
75	PU.1 controls fibroblast polarization and tissue fibrosis. <i>Nature</i> , 2019 , 566, 344-349	50.4	67
74	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, 409-20	3.8	64
73	GBP-1 acts as a tumor suppressor in colorectal cancer cells. <i>Carcinogenesis</i> , 2013 , 34, 153-62	4.6	63
72	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021 , 28, 3125-3139	13.9	61
71	Notch3 signalling promotes tumour growth in colorectal cancer. <i>Journal of Pathology</i> , 2011 , 224, 448-60	9.4	59
70	Guanylate binding protein-1 inhibits spreading and migration of endothelial cells through induction of integrin alpha4 expression. <i>FASEB Journal</i> , 2008 , 22, 4168-78	0.9	56
69	IFN- γ drives inflammatory bowel disease pathogenesis through VE-cadherin-directed vascular barrier disruption. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4691-4707	15.9	54
68	Gamma interferon-induced guanylate binding protein 1 is a novel actin cytoskeleton remodeling factor. <i>Molecular and Cellular Biology</i> , 2014 , 34, 196-209	4.8	48

67	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	24.3	46
66	IFN- β and TNF- β Induced GBP-1 inhibits epithelial cell proliferation through suppression of β -catenin/TCF signaling. <i>Mucosal Immunology</i> , 2012 , 5, 681-90	9.2	43
65	A systems biology approach to identify the combination effects of human herpesvirus 8 genes on NF-kappaB activation. <i>Journal of Virology</i> , 2009 , 83, 2563-74	6.6	43
64	Matricellular protein SPARCL1 regulates tumor microenvironment-dependent endothelial cell heterogeneity in colorectal carcinoma. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4187-4204	15.9	43
63	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, 1088-99	5.8	40
62	Interferon gamma-induced human guanylate binding protein 1 inhibits mammary tumor growth in mice. <i>Molecular Medicine</i> , 2010 , 16, 177-87	6.2	38
61	Viral inhibitor of apoptosis vFLIP/K13 protects endothelial cells against superoxide-induced cell death. <i>Journal of Virology</i> , 2009 , 83, 598-611	6.6	38
60	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, 2452-61	5.6	34
59	O-linked N-acetylglucosaminylation of Sp1 inhibits the human immunodeficiency virus type 1 promoter. <i>Journal of Virology</i> , 2009 , 83, 3704-18	6.6	34
58	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, 215-27		34
57	Pathophysiological role of guanylate-binding proteins in gastrointestinal diseases. <i>World Journal of Gastroenterology</i> , 2016 , 22, 6434-43	5.6	31
56	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	8.5	30
55	Guanylate binding protein 1-mediated interaction of T cell antigen receptor signaling with the cytoskeleton. <i>Journal of Immunology</i> , 2014 , 192, 771-81	5.3	29
54	Non-professional phagocytosis: a general feature of normal tissue cells. <i>Scientific Reports</i> , 2019 , 9, 11875	4.9	28
53	Interferon-alpha counteracts the angiogenic switch and reduces tumor cell proliferation in a spontaneous model of prostatic cancer. <i>Carcinogenesis</i> , 2009 , 30, 851-60	4.6	25
52	Tetramerization of human guanylate-binding protein 1 is mediated by coiled-coil formation of the C-terminal helices. <i>FEBS Journal</i> , 2012 , 279, 2544-54	5.7	23
51	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, 926-35	5.6	23
50	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, 159-72	1.3	23

49	Role of guanylate binding protein-1 in vascular defects associated with chronic inflammatory diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 1582-92	5.6	21
48	Endothelial cells of human colorectal cancer and healthy colon reveal phenotypic differences in culture. <i>Laboratory Investigation</i> , 2007 , 87, 1159-70	5.9	21
47	Interferon Gamma Counteracts the Angiogenic Switch and Induces Vascular Permeability in Dextran Sulfate Sodium Colitis in Mice. <i>Inflammatory Bowel Diseases</i> , 2015 , 21, 2360-71	4.5	20
46	Increased expression of guanylate binding protein-1 in lesional skin of patients with cutaneous lupus erythematosus. <i>Experimental Dermatology</i> , 2011 , 20, 102-6	4	20
45	The clinical value of von Willebrand factor in colorectal carcinomas. <i>American Journal of Translational Research (discontinued)</i> , 2011 , 3, 445-53	3	19
44	Multiple interferon regulatory factor and NF- κ B sites cooperate in mediating cell-type- and maturation-specific activation of the human CD83 promoter in dendritic cells. <i>Molecular and Cellular Biology</i> , 2013 , 33, 1331-44	4.8	18
43	Malignant progression of invasive tumour cells seen in hypoxia present an accumulation of beta-catenin in the nucleus at the tumour front. <i>Experimental and Molecular Pathology</i> , 2009 , 87, 109-16	4.4	18
42	Permeability analyses and three dimensional imaging of interferon gamma-induced barrier disintegration in intestinal organoids. <i>Stem Cell Research</i> , 2019 , 35, 101383	1.6	18
41	Interleukin-3 is a predictive marker for severity and outcome during SARS-CoV-2 infections. <i>Nature Communications</i> , 2021 , 12, 1112	17.4	18
40	Structural proteins of Kaposi's sarcoma-associated herpesvirus antagonize p53-mediated apoptosis. <i>Oncogene</i> , 2015 , 34, 639-49	9.2	16
39	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, 2878-86	7.5	15
38	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	6.3	15
37	β Integrin serves as a novel serum tumor marker for colorectal carcinoma. <i>International Journal of Cancer</i> , 2019 , 145, 678-685	7.5	15
36	Tumor-associated fibroblasts isolated from colorectal cancer tissues exhibit increased ICAM-1 expression and affinity for monocytes. <i>Oncology Reports</i> , 2014 , 31, 255-61	3.5	14
35	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, 417-22	2.6	14
34	IFN- β -driven intratumoral microenvironment exhibits superior prognostic effect compared with an IFN- β -driven microenvironment in patients with colon carcinoma. <i>American Journal of Pathology</i> , 2013 , 183, 1897-1909	5.8	13
33	Expression and localization of axin 2 in colorectal carcinoma and its clinical implication. <i>International Journal of Colorectal Disease</i> , 2013 , 28, 1469-78	3	12
32	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	3.5	10

31	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	5.9	10
30	Processing and secretion of guanylate binding protein-1 depend on inflammatory caspase activity. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 1954-1966	5.6	9
29	IFN- β -response mediator GBP-1 represses human cell proliferation by inhibiting the Hippo signaling transcription factor TEAD. <i>Biochemical Journal</i> , 2018 , 475, 2955-2967	3.8	9
28	Molecular characterization of peripheral arterial disease in proximal extremity arteries. <i>Journal of Surgical Research</i> , 2012 , 178, 1046-58	2.5	9
27	A novel chip-based parallel transfection assay to evaluate paracrine cell interactions. <i>Lab on A Chip</i> , 2012 , 12, 1363-72	7.2	9
26	Isolation of endothelial cells from human tumors. <i>Methods in Molecular Biology</i> , 2011 , 731, 209-18	1.4	8
25	Soluble intercellular adhesion molecule-1 is a prognostic marker in colorectal carcinoma. <i>International Journal of Colorectal Disease</i> , 2019 , 34, 309-317	3	8
24	A model of chronic enthesitis and new bone formation characterized by multimodal imaging. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	7
23	Absolute quantification of Dcr3 and GDF15 from human serum by LC-ESI MS. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1656-71	5.6	6
22	Usability and Suitability of the Omics-Integrating Analysis Platform transSMART for Translational Research and Education. <i>Applied Clinical Informatics</i> , 2017 , 8, 1173-1183	3.1	6
21	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, 940-4	1.6	5
20	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. <i>PLoS ONE</i> , 2020 , 15, e0233422	3.7	5
19	Angiocrine Regulation of Epithelial Barrier Integrity in Inflammatory Bowel Disease. <i>Frontiers in Medicine</i> , 2021 , 8, 643607	4.9	5
18	Cytokine-Induced Guanylate Binding Protein 1 (GBP1) Release from Human Ovarian Cancer Cells. <i>Cancers</i> , 2020 , 12,	6.6	4
17	Reverse transfected cell microarrays in infectious disease research. <i>Methods in Molecular Biology</i> , 2011 , 706, 107-18	1.4	4
16	Protein tyrosine phosphatase nonreceptor type 2 controls colorectal cancer development. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	4
15	Melanocytes as emerging key players in niche regulation of limbal epithelial stem cells. <i>Ocular Surface</i> , 2021 , 22, 172-189	6.5	4
14	Neutrophil extracellular traps drive epithelial-mesenchymal transition of human colon cancer.. <i>Journal of Pathology</i> , 2021 ,	9.4	4

- 13 Efficacy of aflibercept (EYLEA) on inhibition of human VEGF in vitro. *Annals of Anatomy*, **2017**, 211, 135-139 3
- 12 Isolation of Human Endothelial Cells from Normal Colon and Colorectal Carcinoma - An Improved Protocol. *Journal of Visualized Experiments*, **2018**, 1.6 3
- 11 Mycobacterial Cord Factor Reprograms the Macrophage Response to IFN- γ towards Enhanced Inflammation yet Impaired Antigen Presentation and Expression of GBP1. *Journal of Immunology*, **2020**, 205, 1580-1592 5.3 3
- 10 Investigating Intestinal Barrier Breakdown in Living Organoids. *Journal of Visualized Experiments*, **2020**, 1.6 2
- 9 Matricellular Protein SPARCL1 Regulates Blood Vessel Integrity and Antagonizes Inflammatory Bowel Disease. *Inflammatory Bowel Diseases*, **2021**, 27, 1491-1502 4.5 2
- 8 Pleural Resident Macrophages and Pleural IRA B Cells Promote Efficient Immunity Against Pneumonia by Inducing Early Pleural Space Inflammation.. *Frontiers in Immunology*, **2022**, 13, 821480 8.4 0
- 7 Formation of gouty tophi is initiated by extranuclear DNA. *Annals of the Rheumatic Diseases*, **2011**, 70, A8-A8 2.4
- 6 Tumor microenvironment-dependent heterogeneity and cytogenetic abnormality of tumor endothelial cells in human colorectal carcinoma.. *Journal of Clinical Oncology*, **2014**, 32, e22012-e22012 2.2
- 5 Cell-Based Microarrays: Recent Advances for Gene Function Analyses **2014**, 1-15
- 4 Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues **2020**, 15, e0233422
- 3 Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues **2020**, 15, e0233422
- 2 Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues **2020**, 15, e0233422
- 1 Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues **2020**, 15, e0233422