

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	Inhibition of integrin $\alpha 2 \beta 6$ sparks T-cell antitumor response and enhances immune checkpoint blockade therapy in colorectal cancer. , 2022, 10, e003465.		15
2	Neutrophil extracellular traps drive epithelial-mesenchymal transition of human colon cancer. Journal of Pathology, 2022, 256, 455-467.	4.5	43
3	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.	4.8	4
4	Protein tyrosine phosphatase nonreceptor type 2 controls colorectal cancer development. Journal of Clinical Investigation, 2021, 131, .	8.2	16
5	Matricellular Protein SPARCL1 Regulates Blood Vessel Integrity and Antagonizes Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2021, 27, 1491-1502.	1.9	9
6	Interleukin-3 is a predictive marker for severity and outcome during SARS-CoV-2 infections. Nature Communications, 2021, 12, 1112.	12.8	44
7	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	11.2	189
8	532 P21 EXPRESSION IN CD4+ T CELLS IS CRITICAL FOR THE ANTI-TUMOR RESPONSE DURING COLORECTAL CANCER. Gastroenterology, 2021, 160, S-108.	1.3	0
9	Angiocrine Regulation of Epithelial Barrier Integrity in Inflammatory Bowel Disease. Frontiers in Medicine, 2021, 8, 643607.	2.6	13
10	Melanocytes as emerging key players in niche regulation of limbal epithelial stem cells. Ocular Surface, 2021, 22, 172-189.	4.4	23
11	Vascular occlusion by neutrophil extracellular traps in COVID-19. EBioMedicine, 2020, 58, 102925.	6.1	369
12	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.	0.8	10
13	Cytokine-Induced Guanylate Binding Protein 1 (GBP1) Release from Human Ovarian Cancer Cells. Cancers, 2020, 12, 488.	3.7	14
14	Investigating Intestinal Barrier Breakdown in Living Organoids. Journal of Visualized Experiments, 2020, , .	0.3	6
15	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. PLoS ONE, 2020, 15, e0233422.	2.5	9
16	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0
17	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0
18	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0

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19	Species-, organ- and cell-type-dependent expression of SPARCL1 in human and mouse tissues. , 2020, 15, e0233422.		0
20	Non-professional phagocytosis: a general feature of normal tissue cells. Scientific Reports, 2019, 9, 11875.	3.3	45
21	PU.1 controls fibroblast polarization and tissue fibrosis. Nature, 2019, 566, 344-349.	27.8	121
22	Permeability analyses and three dimensional imaging of interferon gamma-induced barrier disintegration in intestinal organoids. Stem Cell Research, 2019, 35, 101383.	0.7	32
23	Soluble intercellular adhesion molecule-1 is a prognostic marker in colorectal carcinoma. International Journal of Colorectal Disease, 2019, 34, 309-317.	2.2	18
24	Î²₆-integrin serves as a novel serum tumor marker for colorectal carcinoma. International Journal of Cancer, 2019, 145, 678-685.	5.1	42
25	IFN-Î³ drives inflammatory bowel disease pathogenesis through VE-cadherin- directed vascular barrier disruption. Journal of Clinical Investigation, 2019, 129, 4691-4707.	8.2	141
26	Abstract 195: SPARCL1 is an angiocrine inhibitor of tumorigenesis in colorectal carcinoma. , 2019, , .		0
27	Abstract 5162: Role of IFN-gamma-activation of distinct tumor and stromal cell populations in colorectal carcinoma pathogenesis. , 2019, , .		0
28	Abstract 5162: Role of IFN-gamma-activation of distinct tumor and stromal cell populations in colorectal carcinoma pathogenesis. , 2019, , .		0
29	P064 INTERFERON-GAMMA INDUCED VASCULAR IMPAIRMENT CONTRIBUTES TO THE PATHOGENESIS OF INFLAMMATORY BOWEL DISEASES. Gastroenterology, 2018, 154, S34.	1.3	1
30	Isolation of Human Endothelial Cells from Normal Colon and Colorectal Carcinoma - An Improved Protocol. Journal of Visualized Experiments, 2018, , .	0.3	5
31	A model of chronic enthesitis and new bone formation characterized by multimodal imaging. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	8
32	IFN-Î³-response mediator GBP-1 represses human cell proliferation by inhibiting the Hippo signaling transcription factor TEAD. Biochemical Journal, 2018, 475, 2955-2967.	3.7	12
33	Abstract 2048: Interferon-Î³ triggers an anti-tumorigenic chain reaction in the tumor vessels of colorectal carcinoma. , 2018, , .		0
34	Processing and secretion of guanylate binding protein-1 depend on inflammatory caspase activity. Journal of Cellular and Molecular Medicine, 2017, 21, 1954-1966.	3.6	13
35	Efficacy of aflibercept (EYLEA Â®) on inhibition of human VEGF in vitro. Annals of Anatomy, 2017, 211, 135-139.	1.9	4
36	Usability and Suitability of the Omics-Integrating Analysis Platform tranSMART for Translational Research and Education. Applied Clinical Informatics, 2017, 08, 1173-1183.	1.7	7

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37	Identification of Predictive Markers for Response to Neoadjuvant Chemoradiation in Rectal Carcinomas by Proteomic Isotope Coded Protein Label (ICPL) Analysis. International Journal of Molecular Sciences, 2016, 17, 209.	4.1	20
38	Pathophysiological role of guanylate-binding proteins in gastrointestinal diseases. World Journal of Gastroenterology, 2016, 22, 6434.	3.3	41
39	IRAK-M Expression in Tumor Cells Supports Colorectal Cancer Progression through Reduction of Antimicrobial Defense and Stabilization of STAT3. Cancer Cell, 2016, 29, 684-696.	16.8	67
40	Matricellular protein SPARCL1 regulates tumor microenvironmentâ€‘dependent endothelial cell heterogeneity in colorectal carcinoma. Journal of Clinical Investigation, 2016, 126, 4187-4204.	8.2	68
41	Abstract 3369: Tumor-microenvironment-dependent imprinting of endothelial cells in human colorectal carcinoma. , 2016, , .		0
42	Interferon Gamma Counteracts the Angiogenic Switch and Induces Vascular Permeability in Dextran Sulfate Sodium Colitis in Mice. Inflammatory Bowel Diseases, 2015, 21, 1.	1.9	30
43	Structural proteins of Kaposiâ€™s sarcoma-associated herpesvirus antagonize p53-mediated apoptosis. Oncogene, 2015, 34, 639-649.	5.9	18
44	Mo1720 IFN-Î³ Counteracts the Angiogenic Switch and Induces Vascular Permeability in DSS Colitis in Mice. Gastroenterology, 2015, 148, S-694.	1.3	0
45	Absolute quantification of DcR3 and GDF15 from human serum by LC-ESI MS. Journal of Cellular and Molecular Medicine, 2015, 19, 1656-1671.	3.6	7
46	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
47	Gamma Interferon-Induced Guanylate Binding Protein 1 Is a Novel Actin Cytoskeleton Remodeling Factor. Molecular and Cellular Biology, 2014, 34, 196-209.	2.3	67
48	Guanylate Binding Protein-Mediated Interaction of T Cell Antigen Receptor Signaling with the Cytoskeleton. Journal of Immunology, 2014, 192, 771-781.	0.8	35
49	Quantitative proteome profiling of lymph node-positive vs. -negative colorectal carcinomas pinpoints MX1 as a marker for lymph node metastasis. International Journal of Cancer, 2014, 135, 2878-2886.	5.1	21
50	Aggregated neutrophil extracellular traps limit inflammation by degrading cytokines and chemokines. Nature Medicine, 2014, 20, 511-517.	30.7	734
51	Tumor-associated fibroblasts isolated from colorectal cancer tissues exhibit increased ICAM-1 expression and affinity for monocytes. Oncology Reports, 2014, 31, 255-261.	2.6	21
52	Cell-Based Microarrays: Recent Advances for Gene Function Analyses. , 2014, , 1-15.		0
53	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
54	Expression and localization of axin 2 in colorectal carcinoma and its clinical implication. International Journal of Colorectal Disease, 2013, 28, 1469-1478.	2.2	13

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55	IFN- γ Driven Intratumoral Microenvironment Exhibits Superior Prognostic Effect Compared with an IFN- α Driven Microenvironment in Patients with Colon Carcinoma. American Journal of Pathology, 2013, 183, 1897-1909.	3.8	17
56	GBP-1 acts as a tumor suppressor in colorectal cancer cells. Carcinogenesis, 2013, 34, 153-162.	2.8	85
57	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. Molecular and Cellular Biology, 2013, 33, 1331-1344.	2.3	25
58	Abstract 4687: COL10A1, MMP-11 and ABHD2 expression in colorectal carcinoma primary tumors indicates metastatic disease.. , 2013, , .		0
59	Abstract 1521: Role of the guanylate-binding-protein 1 (GBP-1) in immunoediting of colorectal carcinoma.. , 2013, , .		0
60	Molecular characterization of peripheral arterial disease in proximal extremity arteries. Journal of Surgical Research, 2012, 178, 1046-1058.	1.6	10
61	A novel chip-based parallel transfection assay to evaluate paracrine cell interactions. Lab on A Chip, 2012, 12, 1363.	6.0	9
62	Guanylate-binding protein 1 expression from embryonal endothelial progenitor cells reduces blood vessel density and cellular apoptosis in an axially vascularised tissue-engineered construct. BMC Biotechnology, 2012, 12, 94.	3.3	12
63	The ephrin receptor tyrosine kinase A2 is a cellular receptor for Kaposi's sarcoma-associated herpesvirus. Nature Medicine, 2012, 18, 961-966.	30.7	172
64	IFN- γ and TNF- α -induced GBP-1 inhibits epithelial cell proliferation through suppression of β -catenin/TCF signaling. Mucosal Immunology, 2012, 5, 681-690.	6.0	55
65	Tetramerization of human guanylate-binding protein 1 is mediated by coiled-coil formation of the C-terminal α -helices. FEBS Journal, 2012, 279, 2544-2554.	4.7	24
66	Abstract 1255: A novel chip-based parallel transfection assay to evaluate paracrine cell interactions. , 2012, , .		0
67	Isolation of Endothelial Cells from Human Tumors. Methods in Molecular Biology, 2011, 731, 209-218.	0.9	10
68	Increased expression of guanylate binding protein-1 in lesional skin of patients with cutaneous lupus erythematosus. Experimental Dermatology, 2011, 20, 102-106.	2.9	25
69	Role of guanylate binding protein-1 in vascular defects associated with chronic inflammatory diseases. Journal of Cellular and Molecular Medicine, 2011, 15, 1582-1592.	3.6	26
70	Endothelial progenitor cells are integrated in newly formed capillaries and alter adjacent fibrovascular tissue after subcutaneous implantation in a fibrin matrix. Journal of Cellular and Molecular Medicine, 2011, 15, 2452-2461.	3.6	41
71	Notch3 signalling promotes tumour growth in colorectal cancer. Journal of Pathology, 2011, 224, 448-460.	4.5	77
72	Formation of gouty tophi is initiated by extranuclear DNA. Annals of the Rheumatic Diseases, 2011, 70, A8-A8.	0.9	0

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73	Reverse Transfected Cell Microarrays in Infectious Disease Research. <i>Methods in Molecular Biology</i> , 2011, 706, 107-118.	0.9	4
74	Abstract 780: Immune escape in colorectal carcinoma: role of the IFN- β pathway. , 2011, , .		0
75	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
76	Intracellular Trafficking of Guanylate-Binding Proteins Is Regulated by Heterodimerization in a Hierarchical Manner. <i>PLoS ONE</i> , 2010, 5, e14246.	2.5	106
77	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
78	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
79	Abstract 2182: Differential transfection on a cell chip for high throughput analysis of paracrine gene effects in angiogenesis and tumor invasion. , 2010, , .		0
80	Abstract 4107: Human guanylate-binding protein-1 (GBP-1) in colorectal carcinoma. , 2010, , .		0
81	Prospective evaluation of predictive and prognostic molecular markers in colorectal carcinomas.. <i>Journal of Clinical Oncology</i> , 2010, 28, e14114-e14114.	1.6	0
82	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
83	O-Linked <i>N</i> -Acetylglucosaminylation of Sp1 Inhibits the Human Immunodeficiency Virus Type 1 Promoter. <i>Journal of Virology</i> , 2009, 83, 3704-3718.	3.4	37
84	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
85	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
86	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
87	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
88	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
89	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
90	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

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91	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
92	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
93	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
94	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
95	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
96	EBV latent membrane protein-1 protects B cells from apoptosis by inhibition of BAX. <i>Blood</i> , 2005, 105, 3263-3269.	1.4	88
97	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
98	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
99	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
100	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
101	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
102	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