Silvia PastorekovÃ¡

List of Publications by Year
in descending order

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145 papers	9,719 citations	44066 48 h-index	38392 95 g-index
146 all docs	146 docs citations	146 times ranked	7280 citing authors

#	Article	IF	Citations
1	Novel humanized monoclonal antibodies for targeting hypoxic human tumors via two distinct extracellular domains of carbonic anhydrase IX. Cancer & Metabolism, 2022, 10, 3.	5.0	9
2	Targeting of carbonic anhydrase IX-positive cancer cells by glycine-coated superparamagnetic nanoparticles. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111893.	5.0	12
3	An Overview of Carbonic Anhydrase-Related Neoplasms. Progress in Drug Research Fortschritte Der Arzneimittelforschung Progres Des Recherches Pharmaceutiques, 2021, , 147-178.	0.6	0
4	Understanding metabolic alterations and heterogeneity in cancer progression through validated immunodetection of key molecular components: a case of carbonic anhydrase IX. Cancer and Metastasis Reviews, 2021, 40, 1035-1053.	5.9	8
5	Molecular targeting of bioconjugated graphene oxide nanocarriers revealed at a cellular level using label-free Raman imaging. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 30, 102280.	3.3	5
6	CA IX Stabilizes Intracellular pH to Maintain Metabolic Reprogramming and Proliferation in Hypoxia. Frontiers in Oncology, 2020, 10, 1462.	2.8	25
7	CAIX-Mediated Control of LIN28/let-7 Axis Contributes to Metabolic Adaptation of Breast Cancer Cells to Hypoxia. International Journal of Molecular Sciences, 2020, 21, 4299.	4.1	31
8	Impairment of carbonic anhydrase IX ectodomain cleavage reinforces tumorigenic and metastatic phenotype of cancer cells. British Journal of Cancer, 2020, 122, 1590-1603.	6.4	11
9	Carbonic Anhydrase IXâ€"Mouse versus Human. International Journal of Molecular Sciences, 2020, 21, 246.	4.1	7
10	A bioconjugated MoS₂ based nanoplatform with increased binding efficiency to cancer cells. Biomaterials Science, 2020, 8, 1973-1980.	5.4	8
11	Type 1 Sodium Calcium Exchanger Forms a Complex with Carbonic Anhydrase IX and Via Reverse Mode Activity Contributes to pH Control in Hypoxic Tumors. Cancers, 2019, 11, 1139.	3.7	26
12	CAIX Regulates Invadopodia Formation through Both a pH-Dependent Mechanism and Interplay with Actin Regulatory Proteins. International Journal of Molecular Sciences, 2019, 20, 2745.	4.1	45
13	A Multifunctional Graphene Oxide Platform for Targeting Cancer. Cancers, 2019, 11, 753.	3.7	17
14	The role of carbonic anhydrase IX in cancer development: links to hypoxia, acidosis, and beyond. Cancer and Metastasis Reviews, 2019, 38, 65-77.	5.9	252
15	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Adaptations and Targets in Cancer. Frontiers in Oncology, 2019, 9, 1332.	2.8	2
16	Extracellular AGR3 regulates breast cancer cells migration via Src signaling. Oncology Letters, 2019, 18, 4449-4456.	1.8	13
17	d,l-lysine functionalized Fe3O4 nanoparticles for detection of cancer cells. Colloids and Surfaces B: Biointerfaces, 2018, 163, 236-245.	5.0	34
18	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Cancer Metabolism. Frontiers in Oncology, 2018, 8, 329.	2.8	3

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19	Label-free tracking of nanosized graphene oxide cellular uptake by confocal Raman microscopy. Analyst, The, 2018, 143, 3686-3692.	3.5	14
20	The proteoglycan-like domain of carbonic anhydrase IX mediates non-catalytic facilitation of lactate transport in cancer cells. Oncotarget, 2018, 9, 27940-27957.	1.8	53
21	Prognostic value of intratumoral carbonic anhydrase IX expression in testicular germ cell tumors. Oncology Letters, 2017, 13, 2177-2185.	1.8	14
22	Role of carbonic anhydrases in skin wound healing. Experimental and Molecular Medicine, 2017, 49, e334-e334.	7.7	29
23	Hypoxia induces cancer-associated cAMP/PKA signalling through HIF-mediated transcriptional control of adenylyl cyclases VI and VII. Scientific Reports, 2017, 7, 10121.	3.3	37
24	New approach of delivering cytotoxic drugs towards CAIX expressing cells: A concept of dual-target drugs. European Journal of Medicinal Chemistry, 2017, 127, 691-702.	5.5	22
25	Purification of small-size acidic proteoglycan-like domain of carbonic anhydrase IX fused with thioredoxine expressed in Escherichia coli for structural characterization. Biologia (Poland), 2017, 72, 1240-1246.	1.5	0
26	Tumor antigen glycosaminoglycan modification regulates antibody-drug conjugate delivery and cytotoxicity. Oncotarget, 2017, 8, 66960-66974.	1.8	17
27	Lactate stimulates CA IX expression in normoxic cancer cells. Oncotarget, 2017, 8, 77819-77835.	1.8	34
28	Hypoxia increases the heterogeneity of melanoma cell populations and affects the response to vemurafenib. Molecular Medicine Reports, 2016, 13, 3281-3288.	2.4	18
29	Encapsulation of anti-carbonic anhydrase IX antibody in hydrogel microspheres for tumor targeting. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 110-118.	5.2	8
30	Prognostic value of serum carbonic anhydrase IX in testicular germ cell tumor patients. Oncology Letters, 2016, 12, 2590-2598.	1.8	6
31	Dexamethasone downregulates expression of carbonic anhydrase IX via HIF-1Î± and NF-Î°B-dependent mechanisms. International Journal of Oncology, 2016, 49, 1277-1288.	3.3	19
32	Carbonic anhydrase IX deposits are associated with increased ascending aortic dilatation. Scandinavian Cardiovascular Journal, 2016, 50, 162-166.	1.2	3
33	Apoptosis-induced ectodomain shedding of hypoxia-regulated carbonic anhydrase IX from tumor cells: a double-edged response to chemotherapy. BMC Cancer, 2016, 16, 239.	2.6	23
34	Cancer-associated S100P protein binds and inactivates p53, permits therapy-induced senescence and supports chemoresistance. Oncotarget, 2016, 7, 22508-22522.	1.8	27
35	Sulforaphane-induced apoptosis involves the type 1 IP3 receptor. Oncotarget, 2016, 7, 61403-61418.	1.8	29
36	Hypoxia potentiates the cytotoxic effect of piperlongumine in pheochromocytoma models. Oncotarget, 2016, 7, 40531-40545.	1.8	10

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37	Carbonic anhydrase enzymes II, VII, IX and XII in colorectal carcinomas. World Journal of Gastroenterology, 2016, 22, 8168.	3.3	47
38	Anti-chondroitin sulfate proteoglycan 4-specific antibodies modify the effects of vemurafenib on melanoma cells differentially in normoxia and hypoxia. International Journal of Oncology, 2015, 47, 81-90.	3.3	14
39	Sulforaphane reduces molecular response to hypoxia in ovarian tumor cells independently of their resistance to chemotherapy. International Journal of Oncology, 2015, 47, 51-60.	3.3	35
40	Deregulation of energetic metabolism in the clear cell renal cell carcinoma: A multiple pathway analysis based on microarray profiling. International Journal of Oncology, 2015, 47, 287-295.	3.3	19
41	The role of AGR2 and AGR3 in cancer: Similar but not identical. European Journal of Cell Biology, 2015, 94, 139-147.	3.6	41
42	Tumor-Associated Carbonic Anhydrases IX and XII. , 2015, , 169-205.		12
43	Antiviral Effect of Interferon Lambda Against Lymphocytic Choriomeningitis Virus. Journal of Interferon and Cytokine Research, 2015, 35, 540-553.	1.2	10
44	Targeting tumour hypoxia to prevent cancer metastasis. From biology, biosensing and technology to drug development: the METOXIA consortium. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 689-721.	5.2	93
45	Hypoxia-induced carbonic anhydrase IX as a target for cancer therapy: From biology to clinical use. Seminars in Cancer Biology, 2015, 31, 52-64.	9.6	257
46	Hypoxia promotes colon cancer dissemination through up-regulation of cell migration-inducing protein (CEMIP). Oncotarget, 2015, 6, 20723-20739.	1.8	54
47	The NKG2D Ligand ULBP2 Is Specifically Regulated through an Invariant Chainâ€“Dependent Endosomal Pathway. Journal of Immunology, 2014, 193, 1654-1665.	0.8	16
48	Carbonic anhydrase IX, a hypoxia-induced catalytic component of the pH regulating machinery in tumors. Frontiers in Physiology, 2014, 4, 400.	2.8	157
49	Expression of cancerâ€related carbonic anhydrases <scp>IX</scp> and <scp>XII</scp> in normal skin and skin neoplasms. Apmis, 2014, 122, 880-889.	2.0	17
50	Carbonic Anhydrase IX: Regulation and Role in Cancer. Sub-Cellular Biochemistry, 2014, 75, 199-219.	2.4	108
51	Carbonic Anhydrase IX: From Biology to Therapy. Cancer Drug Discovery and Development, 2014, , 121-153.	0.4	4
52	Expression Pattern of Carbonic Anhydrase IX in Medullary Thyroid Carcinoma Supports a Role for RET-Mediated Activation of the HIF Pathway. American Journal of Pathology, 2014, 184, 953-965.	3.8	31
53	Carnosine inhibits carbonic anhydrase IX-mediated extracellular acidosis and suppresses growth of HeLa tumor xenografts. BMC Cancer, 2014, 14, 358.	2.6	22
54	Monoclonal antibody G250 targeting CA IX: Binding specificity, internalization and therapeutic effects in a non-renal cancer model. International Journal of Oncology, 2014, 45, 2455-2467.	3.3	36

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55	The role of carbonic anhydrase IX in hypoxia control in OSCC. Journal of Oral Pathology and Medicine, 2013, 42, 1-8.	2.7	18
56	Cross-talk between HIF and p53 as mediators of molecular responses to physiological and genotoxic stresses. Molecular Cancer, 2013, 12, 93.	19.2	63
57	Cell membrane morphology analysis using an infrared sensor system. Sensors and Actuators B: Chemical, 2013, 179, 150-156.	7.8	12
58	Characterization of Carbonic Anhydrase IX Interactome Reveals Proteins Assisting Its Nuclear Localization in Hypoxic Cells. Journal of Proteome Research, 2013, 12, 282-292.	3.7	43
59	Carbonic anhydrase IX in malignant pleural mesotheliomas: A potential target for anti-cancer therapy. Bioorganic and Medicinal Chemistry, 2013, 21, 1483-1488.	3.0	11
60	Genotype and Tumor Locus Determine Expression Profile of Pseudohypoxic Pheochromocytomas and Paragangliomas. Neoplasia, 2013, 15, 435-IN22.	5.3	33
61	Carbonic anhydrase IX is a clinically significant tissue and serum biomarker associated with renal cell carcinoma. Oncology Letters, 2013, 5, 191-197.	1.8	64
62	The effect of carbonic anhydrase IX on focal contacts during cell spreading and migration. Frontiers in Physiology, 2013, 4, 271.	2.8	81
63	Carbonic anhydrase IX. Cell Adhesion and Migration, 2013, 7, 226-231.	2.7	23
64	Suppression of carbonic anhydrase IX leads to aberrant focal adhesion and decreased invasion of tumor cells. Oncology Reports, 2013, 29, 1147-1153.	2.6	49
65	Carbonic Anhydrase IX Interacts with Bicarbonate Transporters in Lamellipodia and Increases Cell Migration via Its Catalytic Domain. Journal of Biological Chemistry, 2012, 287, 3392-3402.	3.4	154
66	Novel monoclonal antibodies specific for CTLD-SSC and sialomucin domains of endosialin, a mural cell marker of tumor vasculature. International Journal of Oncology, 2012, 41, 1365-1372.	3.3	3
67	Carbonic anhydrase isozymes II, IX, and XII in uterine tumors. Apmis, 2012, 120, 117-129.	2.0	33
68	Cloning, characterization and sulfonamide inhibition studies of an Î±-carbonic anhydrase from the living fossil sponge Astrosclera willeyana. Bioorganic and Medicinal Chemistry, 2012, 20, 1403-1410.	3.0	8
69	Anion inhibition studies of an Î±-carbonic anhydrase from the living fossil Astrosclera willeyana. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1314-1316.	2.2	6
70	Expression of CAâ€IX is associated with advanced stage tumors and poor survival in oral squamous cell carcinoma patients. Journal of Oral Pathology and Medicine, 2012, 41, 667-674.	2.7	30
71	Brain phenotype of carbonic anhydrase IX-deficient mice. Transgenic Research, 2012, 21, 163-176.	2.4	26
72	A label-free indicator for tumor cells based on the CH2-stretch ratio. Analyst, The, 2011, 136, 2397.	3.5	13

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73	Phosphorylation of Carbonic Anhydrase IX Controls Its Ability to Mediate Extracellular Acidification in Hypoxic Tumors. Cancer Research, 2011, 71, 7558-7567.	0.9	117
74	Chemically mimicked hypoxia modulates gene expression and protein levels of the sodium calcium exchanger in HEK 293 cell line via HIF-1Î±. General Physiology and Biophysics, 2011, 30, 196-206.	0.9	22
75	Characterization of Non-Specific Cytotoxic Cell Receptor Protein 1: A New Member of the Lectin-Type Subfamily of F-Box Proteins. PLoS ONE, 2011, 6, e27152.	2.5	24
76	An imaging system for real-time monitoring of adherently grown cells. Sensors and Actuators A: Physical, 2011, 172, 175-180.	4.1	8
77	Transcriptional regulation and functional implication of S100P in cancer. Amino Acids, 2011, 41, 885-892.	2.7	53
78	Apoptosis induced clustering of IP3R1 in nuclei of non-differentiated PC12 cells. Journal of Cellular Physiology, 2011, 226, 3147-3155.	4.1	8
79	Glucocorticoid receptorâ€mediated transcriptional activation of S100P gene coding for cancerâ€related calciumâ€binding protein. Journal of Cellular Biochemistry, 2011, 112, 3373-3384.	2.6	6
80	Hypoxia Induces the Gene Expression and Extracellular Transmission of Persistent Lymphocytic Choriomeningitis Virus. Journal of Virology, 2011, 85, 13069-13076.	3.4	12
81	The tumour-associated carbonic anhydrases CA II, CA IX and CA XII in a group of medulloblastomas and supratentorial primitive neuroectodermal tumours: an association of CA IX with poor prognosis. BMC Cancer, 2010, 10, 148.	2.6	71
82	Role of the HBx oncoprotein in carbonic anhydrase 9 induction. Journal of Medical Virology, 2010, 82, 32-40.	5.0	18
83	Selective Inhibition of Carbonic Anhydrase IX Decreases Cell Proliferation and Induces Ceramide-Mediated Apoptosis in Human Cancer Cells. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 710-719.	2.5	96
84	Carbonic anhydrase II. A novel biomarker for gastrointestinal stromal tumors. Modern Pathology, 2010, 23, 743-750.	5.5	85
85	The induction of S100p expression by the Prostaglandin E2(PGE2)/EP4 receptor signaling pathway in colon cancer cells. Cancer Biology and Therapy, 2010, 10, 1056-1066.	3.4	42
86	Characterization of ovine TLR7 and TLR8 protein coding regions, detection of mutations and Maedi Visna virus infection. Veterinary Immunology and Immunopathology, 2010, 138, 51-59.	1.2	22
87	Guided Dielectrophoresis: A Robust Method for Continuous Particle and Cell Separation. IEEE Sensors Journal, 2010, 10, 1440-1446.	4.7	16
88	Molecular Mechanisms Regulating Expression and Function of Cancer-Associated Carbonic Anhydrase IX. , 2010, , 59-90.		3
89	Src induces expression of carbonic anhydrase IX via hypoxia-inducible factor 1. Oncology Reports, 2010, 23, 869-74.	2.6	22
90	Carbonic anhydrases in meningiomas: association of endothelial carbonic anhydrase II with aggressive tumor features. Journal of Neurosurgery, 2009, 111, 472-477.	1.6	20

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91	Crystal structure of the catalytic domain of the tumor-associated human carbonic anhydrase IX. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16233-16238.	7.1	451
92	A quadruple wavelength IR sensor system for label-free tumour screening. Measurement Science and Technology, 2009, 20, 124015.	2.6	9
93	The Nucleoprotein of Lymphocytic Choriomeningitis Virus Facilitates Spread of Persistent Infection through Stabilization of the Keratin Network. Journal of Virology, 2009, 83, 7842-7849.	3.4	16
94	Intact intracellular tail is critical for proper functioning of the tumorâ€associated, hypoxiaâ€regulated carbonic anhydrase IX. FEBS Letters, 2009, 583, 3563-3568.	2.8	30
95	The proteoglycan region of the tumor-associated carbonic anhydrase isoform IX acts as anintrinsic buffer optimizing CO2 hydration at acidic pH values characteristic of solid tumors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5825-5828.	2.2	79
96	Alternative splicing variants of carbonic anhydrase IX in human non-small cell lung cancer. Lung Cancer, 2009, 64, 271-276.	2.0	27
97	Taking advantage of tumor cell adaptations to hypoxia for developing new tumor markers and treatment strategies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 1-39.	5.2	167
98	Role of aryl hydrocarbon receptor in modulation of the expression of the hypoxia marker carbonic anhydrase IX. Biochemical Journal, 2009, 419, 419-425.	3.7	16
99	Induction of carbonic anhydrase IX by hypoxia and chemical disruption of oxygen sensing in rat fibroblasts and cardiomyocytes. Pflugers Archiv European Journal of Physiology, 2008, 456, 323-337.	2.8	21
100	Carbonic anhydrase activators: Activation of the human tumor-associated isozymes IX and XII with amino acids and amines. Bioorganic and Medicinal Chemistry, 2008, 16, 3530-3536.	3.0	45
101	Type 1 and 2 IP3 Receptors Respond Differently to Catecholamines and Stress. Annals of the New York Academy of Sciences, 2008, 1148, 331-337.	3.8	6
102	Molecular mechanisms of carbonic anhydrase IXâ€mediated pH regulation under hypoxia. BJU International, 2008, 101, 8-15.	2.5	88
103	Carbonic anhydrase IX in oligodendroglial brain tumors. BMC Cancer, 2008, 8, 1.	2.6	192
104	Biochemical Characterization of CA IX, One of the Most Active Carbonic Anhydrase Isozymes. Journal of Biological Chemistry, 2008, 283, 27799-27809.	3.4	258
105	Identification of an alternatively spliced isoform of carbonic anhydrase XII in diffusely infiltrating astrocytic gliomas. Neuro-Oncology, 2008, 10, 131-138.	1.2	81
106	Carbonic Anhydrase Inhibitors and the Management of Cancer. Current Topics in Medicinal Chemistry, 2007, 7, 865-878.	2.1	47
107	Interactions of transmembrane carbonic anhydrase, CAIX, with bicarbonate transporters. American Journal of Physiology - Cell Physiology, 2007, 293, C738-C748.	4.6	125
108	Imaging the hypoxia surrogate marker CA IX requires expression and catalytic activity for binding fluorescent sulfonamide inhibitors. Radiotherapy and Oncology, 2007, 83, 367-373.	0.6	157

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109	Hypoxia-inducible expression of the mouse carbonic anhydrase IX demonstrated by new monoclonal antibodies. International Journal of Oncology, 2007, 31, 1103-10.	3.3	5
110	Tumorâ€associated Carbonic Anhydrases and Their Clinical Significance. Advances in Clinical Chemistry, 2006, 42, 167-216.	3.7	124
111	Expression of carbonic anhydrases IX and XII during mouse embryonic development. BMC Developmental Biology, 2006, 6, 22.	2.1	41
112	Carbonic anhydrase gene expression in CA II-deficient (Car2â^'/â^') and CA IX-deficient (Car9â^'/â^') mice. Journal of Physiology, 2006, 571, 319-327.	2.9	40
113	Expression of Carbonic Anhydrase IX in Astrocytic Tumors Predicts Poor Prognosis. Clinical Cancer Research, 2006, 12, 473-477.	7.0	120
114	Extracellular acidosis elevates carbonic anhydrase IX in human glioblastoma cells via transcriptional modulation that does not depend on hypoxia. International Journal of Oncology, 2006, 29, 1025-33.	3.3	40
115	Tumor-associated carbonic anhydrases and their clinical significance. Advances in Clinical Chemistry, 2006, 42, 167-216.	3.7	33
116	MAPK pathway contributes to density- and hypoxia-induced expression of the tumor-associated carbonic anhydrase IX. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1729, 41-49.	2.4	64
117	Carbonic anhydrase inhibitors. Inhibition of the transmembrane isozyme XII with sulfonamidesâ€"a new target for the design of antitumor and antiglaucoma drugs?. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 963-969.	2.2	212
118	Gastric Pit Cell Hyperplasia and Glandular Atrophy in Carbonic Anhydrase IX Knockout Mice: Studies on Two Strains C57/BL6 and BALB/C. Transgenic Research, 2005, 14, 655-663.	2.4	37
119	Carbonic anhydrase inhibitors: Inhibition of the tumor-associated isozymes IX and XII with polyfluorinated aromatic/heterocyclic sulfonamides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2005, 20, 211-217.	5.2	20
120	Carbonic Anhydrase Inhibitors. Design of Fluorescent Sulfonamides as Probes of Tumor-Associated Carbonic Anhydrase IX That Inhibit Isozyme IX-Mediated Acidification of Hypoxic Tumorsâ€. Journal of Medicinal Chemistry, 2005, 48, 4834-4841.	6.4	205
121	Expression of von Hippel-Lindau tumor suppressor and tumor-associated carbonic anhydrases IX and XII in normal and neoplastic colorectal mucosa. World Journal of Gastroenterology, 2005, 11, 2616.	3.3	47
122	Expression of Carbonic Anhydrase IX in Mouse Tissues. Journal of Histochemistry and Cytochemistry, 2004, 52, 1313-1321.	2.5	54
123	Review Article. Journal of Enzyme Inhibition and Medicinal Chemistry, 2004, 19, 199-229.	5.2	595
124	Carbonic anhydrase inhibitors: The first selective, membrane-impermeant inhibitors targeting the tumor-associated isozyme IX. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 869-873.	2.2	150
125	Transmembrane carbonic anhydrase isozymes IX and XII in the female mouse reproductive organs. Reproductive Biology and Endocrinology, 2004, 2, 73.	3.3	25
126	Hypoxia activates the capacity of tumorâ€associated carbonic anhydrase IX to acidify extracellular pH. FEBS Letters, 2004, 577, 439-445.	2.8	620

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127	Induction by hypoxia combined with low glucose or low bicarbonate and high posttranslational stability upon reoxygenation contribute to carbonic anhydrase IX expression in cancer cells. International Journal of Oncology, 2004, 24, 995-1004.	3.3	42
128	Monoclonal antibodies generated in carbonic anhydrase IX-deficient mice recognize different domains of tumour-associated hypoxia-induced carbonic anhydrase IX*1. Journal of Immunological Methods, 2003, 282, 117-134.	1.4	71
129	Biodistribution and pharmacokinetics of125I-labeled monoclonal antibody M75 specific for carbonic anhydrase IX, an intrinsic marker of hypoxia, in nude mice xenografted with human colorectal carcinoma. International Journal of Cancer, 2003, 105, 873-881.	5.1	89
130	Carbonic anhydrase inhibitors: inhibition of the tumor-associated isozyme IX with aromatic and heterocyclic sulfonamides. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 1005-1009.	2.2	189
131	Carbonic anhydrase IX reduces E-cadherin-mediated adhesion of MDCK cells via interaction with Î²-catenin. Experimental Cell Research, 2003, 290, 332-345.	2.6	222
132	Carbonic anhydrase isozymes IX and XII in gastric tumors. World Journal of Gastroenterology, 2003, 9, 1398.	3.3	66
133	Gastric hyperplasia in mice with targeted disruption of the carbonic anhydrase gene Car9. Gastroenterology, 2002, 123, 1889-1903.	1.3	115
134	Expression of carbonic anhydrase IX in breast is associated with malignant tissues and is related to overexpression of c-erbB2. Journal of Pathology, 2002, 197, 314-321.	4.5	103
135	Lowered oxygen tension induces expression of the hypoxia marker MN/carbonic anhydrase IX in the absence of hypoxia-inducible factor 1 alpha stabilization: a role for phosphatidylinositol 3'-kinase. Cancer Research, 2002, 62, 4469-77.	0.9	118
136	Characterization of the MN/CA 9 promoter proximal region: a role for specificity protein (SP) and activator protein 1 (AP1) factors. Biochemical Journal, 2001, 359, 669.	3.7	25
137	Characterization of the MN/CA 9 promoter proximal region: a role for specificity protein (SP) and activator protein 1 (AP1) factors. Biochemical Journal, 2001, 359, 669-677.	3.7	34
138	Differential expression of cytoplasmic carbonic anhydrases, CA I and II, and membrane-associated isozymes, CA IX and XII, in normal mucosa of large intestine and in colorectal tumors. Digestive Diseases and Sciences, 2001, 46, 2179-2186.	2.3	57
139	Expression of transmembrane carbonic anhydrase isoenzymesÂIX and XII in normal human pancreas and pancreatic tumours. Histochemistry and Cell Biology, 2000, 114, 197-204.	1.7	125
140	Transcriptional Regulation of the MN/CA 9 Gene Coding for the Tumor-associated Carbonic Anhydrase IX. Journal of Biological Chemistry, 1999, 274, 32588-32595.	3.4	42
141	Immunohistochemical Study of Colorectal Tumors for Expression of a Novel Transmembrane Carbonic Anhydrase, MN/CA IX, with Potential Value as a Marker of Cell Proliferation. American Journal of Pathology, 1998, 153, 279-285.	3.8	231
142	Immunohistochemistry of Carbonic Anhydrase Isozyme IX (MN/CA IX) in Human Gut Reveals Polarized Expression in the Epithelial Cells with the Highest Proliferative Capacity. Journal of Histochemistry and Cytochemistry, 1998, 46, 497-504.	2.5	155
143	Herpesvirus of turkeys homologue of HSV VP16 is structurally related to varicella zoster virus trans-inducing protein encoded by ORF 10. Virus Genes, 1997, 15, 45-52.	1.6	5
144	HumanMN/CA9Gene, a Novel Member of the Carbonic Anhydrase Family: Structure and Exon to Protein Domain Relationships. Genomics, 1996, 33, 480-487.	2.9	355

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145	A novel quasi-viral agent, MaTu, is a two-component system. Virology, 1992, 187, 620-626.	2.4	265