Veerle Melotte

List of Publications by Year
in descending order

36 papers	1,964 citations	411340 20 h-index	388640 36 g-index
38 all docs	38 docs citations	38 times ranked	3547 citing authors

#	Article	IF	Citations
1	The gut brain in a dish: Murine primary enteric nervous system cell cultures. Neurogastroenterology and Motility, 2022, 34, e14215.	1.6	5
2	ATG12 deficiency results in intracellular glutamine depletion, abrogation of tumor hypoxia and a favorable prognosis in cancer. Autophagy, 2022, 18, 1898-1914.	4.3	11
3	The health effect of probiotics on high-fat diet-induced cognitive impairment, depression and anxiety: A cross-species systematic review. Neuroscience and Biobehavioral Reviews, 2022, 136, 104634.	2.9	17
4	Technical considerations in PCR-based assay design for diagnostic DNA methylation cancer biomarkers. Clinical Epigenetics, 2022, 14, 56.	1.8	5
5	Lessons from a systematic literature search on diagnostic DNA methylation biomarkers for colorectal cancer: how to increase research value and decrease research waste. Clinical and Translational Gastroenterology, 2022, Publish Ahead of Print, .	1.3	1
6	Diagnostic DNA Methylation Biomarkers for Renal Cell Carcinoma: A Systematic Review. European Urology Oncology, 2021, 4, 215-226.	2.6	12
7	The Emerging Role of Nerves and Glia in Colorectal Cancer. Cancers, 2021, 13, 152.	1.7	25
8	The enteric nervous system in gastrointestinal disease etiology. Cellular and Molecular Life Sciences, 2021, 78, 4713-4733.	2.4	58
9	Identification of DNA methylation markers for early detection of CRC indicates a role for nervous system-related genes in CRC. Clinical Epigenetics, 2021, 13, 80.	1.8	22
10	Loss of enteric neuronal Ndrg4 promotes colorectal cancer via increased release of Nid1 and Fbln2. EMBO Reports, 2021, 22, e51913.	2.0	14
11	WHO grade I meningiomas that show regrowth after gamma knife radiosurgery often show 1p36 loss. Scientific Reports, 2021, 11, 16432.	1.6	2
12	Intestinal multicellular organoids to study colorectal cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188586.	3.3	13
13	Chorioamnionitis induces enteric nervous system injury: effects of timing and inflammation in the ovine fetus. Molecular Medicine, 2020, 26, 82.	1.9	9
14	Chronic Intra-Uterine Ureaplasma parvum Infection Induces Injury of the Enteric Nervous System in Ovine Fetuses. Frontiers in Immunology, 2020, 11, 189.	2.2	13
15	Building a Professional Identity and an Academic Career Track in Translational Medicine. Frontiers in Medicine, 2019, 6, 151.	1.2	7
16	Nervous NDRGs: the N-myc downstreamâ€“regulated gene family in the central and peripheral nervous system. Neurogenetics, 2019, 20, 173-186.	0.7	39
17	Multitarget Stool DNA Test Performance in an Average-Risk Colorectal Cancer Screening Population. American Journal of Gastroenterology, 2019, 114, 1909-1918.	0.2	59
18	Analysis of DNA methylation in cancer: location revisited. Nature Reviews Clinical Oncology, 2018, 15, 459-466.	12.5	486

#	Article	IF	Citations
19	Prognostic DNA methylation markers for sporadic colorectal cancer: a systematic review. Clinical Epigenetics, 2018, 10, 35.	1.8	38
20	Epstein-Barr virus and mismatch repair deficiency status differ between oesophageal and gastric cancer: A large multi-centre study. European Journal of Cancer, 2018, 94, 104-114.	1.3	50
21	Cost-effectiveness of High-performance Biomarker TestsÂvsÂFecal Immunochemical Test for Noninvasive ColorectalÂCancer Screening. Clinical Gastroenterology and Hepatology, 2018, 16, 504-512.e11.	2.4	36
22	A combined literature and in silico analysis enlightens the role of the NDRG family in the gut. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2140-2151.	1.1	11
23	Epigenetics in renal cell cancer: mechanisms and clinical applications. Nature Reviews Urology, 2018, 15, 430-451.	1.9	115
24	<scp>NDRG</scp>4, an early detection marker for colorectal cancer, is specifically expressed in enteric neurons. Neurogastroenterology and Motility, 2017, 29, e13095.	1.6	10
25	The role of enteric neurons in the development and progression of colorectal cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 420-434.	3.3	27
26	Prognostic DNA methylation markers for renal cell carcinoma: a systematic review. Epigenomics, 2017, 9, 1243-1257.	1.0	44
27	A Four-Gene Promoter Methylation Marker Panel Consisting of GREM1, NEURL, LAD1, and NEFH Predicts Survival of Clear Cell Renal Cell Cancer Patients. Clinical Cancer Research, 2017, 23, 2006-2018.	3.2	51
28	The emerging role of GATA transcription factors in development and disease. Expert Reviews in Molecular Medicine, 2016, 18, e3.	1.6	172
29	Analysis of RET promoter CpG island methylation using methylation-specific PCR (MSP), pyrosequencing, and methylation-sensitive high-resolution melting (MS-HRM): impact on stage II colon cancer patient outcome. Clinical Epigenetics, 2016, 8, 44.	1.8	18
30	Spectrin Repeat Containing Nuclear Envelope 1 and Forkhead Box Protein E1 Are Promising Markers for the Detection of Colorectal Cancer in Blood. Cancer Prevention Research, 2015, 8, 157-164.	0.7	29
31	CHFR Promoter Methylation Indicates Poor Prognosis in Stage II Microsatellite Stable Colorectal Cancer. Clinical Cancer Research, 2014, 20, 3261-3271.	3.2	29
32	Promoter CpG island methylation of RET predicts poor prognosis in stage II colorectal cancer patients. Molecular Oncology, 2014, 8, 679-688.	2.1	33
33	Epigenetics in radiotherapy: Where are we heading?. Radiotherapy and Oncology, 2014, 111, 168-177.	0.3	43
34	CHFR promoter methylation indicates poor prognosis in stage II microsatellite stable colorectal cancer.. Journal of Clinical Oncology, 2013, 31, e14503-e14503.	0.8	0
35	The Nâ€myc downstream regulated gene (NDRG) family: diverse functions, multiple applications. FASEB Journal, 2010, 24, 4153-4166.	0.2	249
36	N-Myc Downstream-Regulated Gene 4 (NDRG4): A Candidate Tumor Suppressor Gene and Potential Biomarker for Colorectal Cancer. Journal of the National Cancer Institute, 2009, 101, 916-927.	3.0	180