Charles De Smet

List of Publications by Year
in descending order

43 papers	4,345 citations	257357 24 h-index	254106 43 g-index
44 all docs	44 docs citations	44 times ranked	4535 citing authors

#	Article	IF	Citations
1	Identification of Tissue-Specific Gene Clusters Induced by DNA Demethylation in Lung Adenocarcinoma: More Than Germline Genes. Cancers, 2022, 14, 1007.	1.7	7
2	PAR-TERRA is the main contributor to telomeric repeat-containing RNA transcripts in normal and cancer mouse cells. Rna, 2021, 27, 106-121.	1.6	16
3	Therapy-induced DNA methylation inactivates MCT1 and renders tumor cells vulnerable to MCT4 inhibition. Cell Reports, 2021, 35, 109202.	2.9	14
4	Transcriptional overlap links DNA hypomethylation with DNA hypermethylation at adjacent promoters in cancer. Scientific Reports, 2021, 11, 17346.	1.6	8
5	Epigenetic Coactivation of MAGEA6 and CT-GABRA3 Defines Orientation of a Segmental Duplication in the Human X Chromosome. Cytogenetic and Genome Research, 2019, 159, 12-18.	0.6	7
6	Oncogenic roles of DNA hypomethylation through the activation of cancer-germline genes. Cancer Letters, 2017, 396, 130-137.	3.2	158
7	Dnmt3a-mediated inhibition of Wnt in cardiac progenitor cells improves differentiation and remote remodeling after infarction. JCI Insight, 2017, 2, .	2.3	12
8	A gene expression signature identifying transient DNMT1 depletion as a causal factor of cancer-germline gene activation in melanoma. Clinical Epigenetics, 2015, 7, 114.	1.8	17
9	Epigenetic Regulations of Immediate Early Genes Expression Involved in Memory Formation by the Amyloid Precursor Protein of Alzheimer Disease. PLoS ONE, 2014, 9, e99467.	1.1	60
10	A novel cancer-germline transcript carrying pro-metastatic miR-105 andTET-targeting miR-767 induced by DNA hypomethylation in tumors. Epigenetics, 2014, 9, 1163-1171.	1.3	56
11	Epigenetic Induction of EGR-1 Expression by the Amyloid Precursor Protein during Exposure to Novelty. PLoS ONE, 2013, 8, e74305.	1.1	22
12	DNA Hypomethylation and Activation of Germline-Specific Genes in Cancer. Advances in Experimental Medicine and Biology, 2013, 754, 149-166.	0.8	41
13	Epigenetic Hierarchy within the MAGEA1 Cancer-Germline Gene: Promoter DNA Methylation Dictates Local Histone Modifications. PLoS ONE, 2013, 8, e58743.	1.1	26
14	Cancer-linked satellite 2 DNA hypomethylation does not regulate Sat2 non-coding RNA expression and is initiated by heat shock pathway activation. Epigenetics, 2012, 7, 903-913.	1.3	25
15	Silencing of cancer-germline genes in human preimplantation embryos: Evidence for active de novo DNA methylation in stem cells. Biochemical and Biophysical Research Communications, 2012, 417, 187-191.	1.0	8
16	Demethylation of the FOXP3 gene in human melanoma cells precludes the use of this epigenetic mark for quantification of Tregs in unseparated melanoma samples. International Journal of Cancer, 2012, 130, 1960-1966.	2.3	14
17	Aberrant demethylation of the recoverin gene is involved in the aberrant expression of recoverin in cancer cells. Experimental Dermatology, 2010, 19, 1023-1025.	1.4	16
18	DNA hypomethylation in cancer: Epigenetic scars of a neoplastic journey. Epigenetics, 2010, 5, 206-213.	1.3	68

#	Article	IF	Citations
19	Comparison of stable human Treg and Th clones by transcriptional profiling. European Journal of Immunology, 2009, 39, 869-882.	1.6	63
20	DNA Methylation-Associated Repression of Cancer-Germline Genes in Human Embryonic and Adult Stem Cells. Stem Cells, 2009, 27, 822-824.	1.4	14
21	Expression of BORIS in melanoma: Lack of association with MAGEâ€A1 activation. International Journal of Cancer, 2008, 122, 777-784.	2.3	57
22	Mouse embryonic stem cells induce targeted DNA demethylation within human MAGE-A1 transgenes. Epigenetics, 2008, 3, 38-42.	1.3	11
23	Photoreceptor proteins as cancer-retina antigens. International Journal of Cancer, 2007, 120, 1268-1276.	2.3	47
24	Transient Down-regulation of DNMT1 Methyltransferase Leads to Activation and Stable Hypomethylation of MAGE-A1 in Melanoma Cells. Journal of Biological Chemistry, 2006, 281, 10118-10126.	1.6	73
25	Myc represses transcription through recruitment of DNA methyltransferase corepressor. EMBO Journal, 2005, 24, 336-346.	3.5	375
26	MAGE-A1 interacts with adaptor SKIP and the deacetylase HDAC1 to repress transcription. Nucleic Acids Research, 2004, 32, 4340-4350.	6.5	89
27	Promoter-Dependent Mechanism Leading to Selective Hypomethylation within the 5â€² Region of Gene MAGE-A1 in Tumor Cells. Molecular and Cellular Biology, 2004, 24, 4781-4790.	1.1	177
28	Five new human cancer-germline genes identified among 12 genes expressed in spermatogonia. International Journal of Cancer, 2003, 105, 371-376.	2.3	68
29	Monoclonal Anti-MAGE-3 CTL Responses in Melanoma Patients Displaying Tumor Regression after Vaccination with a Recombinant Canarypox Virus. Journal of Immunology, 2003, 171, 4898-4904.	0.4	97
30	A novel seven transmembrane receptor induced during the early steps of astrocyte differentiation identified by differential expression. Journal of Neurochemistry, 2002, 81, 575-588.	2.1	4
31	DNA Methylation Is the Primary Silencing Mechanism for a Set of Germ Line- and Tumor-Specific Genes with a CpG-Rich Promoter. Molecular and Cellular Biology, 1999, 19, 7327-7335.	1.1	555
32	LAGE-1, a new gene with tumor specificity. International Journal of Cancer, 1998, 76, 903-908.	2.3	217
33	Genes coding for melanoma antigens recognised by cytolytic T lymphocytes. Eye, 1997, 11, 243-248.	1.1	16
34	Identification of Human Testis-Specific Transcripts and Analysis of Their Expression in Tumor Cells. Biochemical and Biophysical Research Communications, 1997, 241, 653-657.	1.0	21
35	Alternative Promoters of Gene MAGE4a. Genomics, 1997, 40, 305-313.	1.3	29
36	Two Members of the HumanMAGEBGene Family Located in Xp21.3 Are Expressed in Tumors of Various Histological Origins. Genomics, 1997, 46, 397-408.	1.3	119

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37	Characterization of an Antigen That Is Recognized on a Melanoma Showing Partial HLA Loss by CTL Expressing an NK Inhibitory Receptor. Immunity, 1997, 6, 199-208.	6.6	685
38	The Majority of Autologous Cytolytic T-Lymphocyte Clones Derived from Peripheral Blood Lymphocytes of a Melanoma Patient Recognize an Antigenic Peptide Derived from Gene Pmel17/gp100. Journal of Investigative Dermatology, 1996, 107, 63-67.	0.3	54
39	Involvement of two Ets binding sites in the transcriptional activation of the MAGE1 gene. Immunogenetics, 1995, 42, 282-290.	1.2	84
40	Structure, chromosomal localization, and expression of 12 genes of the MAGE family. Immunogenetics, 1994, 40, 360-369.	1.2	554
41	A peptide encoded by human gene MAGE-3 and presented by HLA-A2 induces cytolytic T lymphocytes that recognize tumor cells expressing MAGE-3. European Journal of Immunology, 1994, 24, 3038-3043.	1.6	339
42	Efficient expression of tumâ˜ antigen P91A by transfected subgenic fragments. Immunogenetics, 1992, 35, 241-252.	1.2	15
43	Mapping of the genes encoding tum- transplantation antigens P91A, P35B, and P198. Immunogenetics, 1992, 35, 316-323.	1.2	7