Victor D Martinez

List of Publications by Year
in descending order

52 papers	2,271 citations	257357 24 h-index	223716 46 g-index
54 all docs	54 docs citations	54 times ranked	4139 citing authors

#	Article	IF	Citations
1	Arsenic Exposure and the Induction of Human Cancers. Journal of Toxicology, 2011, 2011, 1-13.	1.4	322
2	Environmental arsenic exposure: From genetic susceptibility to pathogenesis. Environment International, 2018, 112, 183-197.	4.8	164
3	Piwi-interacting RNAs in cancer: emerging functions and clinical utility. Molecular Cancer, 2016, 15, 5.	7.9	158
4	Response to ERBB3-Directed Targeted Therapy in NRG1-Rearranged Cancers. Cancer Discovery, 2018, 8, 686-695.	7.7	149
5	Emerging roles of T helper 17 and regulatory T cells in lung cancer progression and metastasis. Molecular Cancer, 2016, 15, 67.	7.9	141
6	Unique somatic and malignant expression patterns implicate PIWI-interacting RNAs in cancer-type specific biology. Scientific Reports, 2015, 5, 10423.	1.6	139
7	Molecular features in arsenic-induced lung tumors. Molecular Cancer, 2013, 12, 20.	7.9	108
8	Mechanistic Roles of Noncoding RNAs in Lung Cancer Biology and Their Clinical Implications. Genetics Research International, 2012, 2012, 1-16.	2.0	78
9	An atlas of gastric PIWI-interacting RNA transcriptomes and their utility for identifying signatures of gastric cancer recurrence. Gastric Cancer, 2016, 19, 660-665.	2.7	63
10	Arsenic, asbestos and radon: emerging players in lung tumorigenesis. Environmental Health, 2012, 11, 89.	1.7	60
11	Disruption of KEAP1/CUL3/RBX1 E3-ubiquitin ligase complex components by multiple genetic mechanisms: Association with poor prognosis in head and neck cancer. Head and Neck, 2015, 37, 727-734.	0.9	56
12	BRCA1 and BRCA2 mutations in a South American population. Cancer Genetics and Cytogenetics, 2006, 166, 36-45.	1.0	51
13	Arsenic Biotransformation as a Cancer Promoting Factor by Inducing DNA Damage and Disruption of Repair Mechanisms. Molecular Biology International, 2011, 2011, 1-11.	1.7	50
14	Oncogenomic disruptions in arsenic-induced carcinogenesis. Oncotarget, 2017, 8, 25736-25755.	0.8	47
15	Arsenic-related DNA copy-number alterations in lung squamous cell carcinomas. British Journal of Cancer, 2010, 103, 1277-1283.	2.9	45
16	Frequent concerted genetic mechanisms disrupt multiple components of the NRF2 inhibitor KEAP1/CUL3/RBX1 E3-ubiquitin ligase complex in thyroid cancer. Molecular Cancer, 2013, 12, 124.	7.9	43
17	Developmental transcription factor NFIB is a putative target of oncofetal miRNAs and is associated with tumour aggressiveness in lung adenocarcinoma. Journal of Pathology, 2016, 240, 161-172.	2.1	42
18	HPV status is associated with altered PIWI-interacting RNA expression pattern in head and neck cancer. Oral Oncology, 2016, 55, 43-48.	0.8	41

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19	Microtubule affinityâ€regulating kinase 2 is associated with DNA damage response and cisplatin resistance in nonâ€small cell lung cancer. International Journal of Cancer, 2015, 137, 2072-2082.	2.3	38
20	Genomics and Epigenetics of Malignant Mesothelioma. High-Throughput, 2018, 7, 20.	4.4	37
21	Deregulation of small non-coding RNAs at the DLK1-DIO3 imprinted locus predicts lung cancer patient outcome. Oncotarget, 2016, 7, 80957-80966.	0.8	35
22	Whole-Genome Sequencing Analysis Identifies a Distinctive Mutational Spectrum in an Arsenic-Related Lung Tumor. Journal of Thoracic Oncology, 2013, 8, 1451-1455.	0.5	28
23	Unique Pattern of Component Gene Disruption in the NRF2 Inhibitor KEAP1/CUL3/RBX1 E3-Ubiquitin Ligase Complex in Serous Ovarian Cancer. BioMed Research International, 2014, 2014, 1-10.	0.9	28
24	CYP1A1 and GSTM1 genetic polymorphisms in lung cancer populations exposed to arsenic in drinking water. Xenobiotica, 2005, 35, 519-530.	0.5	26
25	Induction of Human Squamous Cell-Type Carcinomas by Arsenic. Journal of Skin Cancer, 2011, 2011, 1-9.	0.5	25
26	Health Effects Associated With Pre- and Perinatal Exposure to Arsenic. Frontiers in Genetics, 2021, 12, 664717.	1.1	24
27	A comprehensively characterized cell line panel highly representative of clinical ovarian high-grade serous carcinomas. Oncotarget, 2017, 8, 50489-50499.	0.8	23
28	Large-scale discovery of previously undetected microRNAs specific to human liver. Human Genomics, 2018, 12, 16.	1.4	21
29	Smoking habit and genetic factors associated with lung cancer in a population highly exposed to arsenic. Toxicology Letters, 2005, 159, 32-37.	0.4	20
30	Small non-coding RNA transcriptome of the NCI-60 cell line panel. Scientific Data, 2017, 4, 170157.	2.4	20
31	PAHs and Mutagenicity of Inhalable and Respirable Diesel Particulate Matter in Santiago, Chile. Polycyclic Aromatic Compounds, 2003, 23, 495-514.	1.4	17
32	Arsenic and Lung Cancer in Never-Smokers: Lessons from Chile. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1131-1132.	2.5	17
33	Characterization of Epithelial Progenitors in Normal Human Palatine Tonsils and Their HPV16 E6/E7-Induced Perturbation. Stem Cell Reports, 2015, 5, 1210-1225.	2.3	16
34	Integrative Genomic Analyses Identifies GGA2 as a Cooperative Driver of EGFR-Mediated Lung Tumorigenesis. Journal of Thoracic Oncology, 2019, 14, 656-671.	0.5	13
35	Previously undescribed thyroid-specific miRNA sequences in papillary thyroid carcinoma. Journal of Human Genetics, 2019, 64, 505-508.	1.1	13
36	Expanding the miRNA Transcriptome of Human Kidney and Renal Cell Carcinoma. International Journal of Genomics, 2018, 2018, 1-10.	0.8	12

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37	Discovery of Previously Undetected MicroRNAs in Mesothelioma and Their Use as Tissue-of-Origin Markers. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 266-268.	1.4	12
38	Occupational and Environmental Levels of Mutagenic PAHs and Respirable Particulate Matter Associated With Diesel Exhaust in Santiago, Chile. Journal of Occupational and Environmental Medicine, 2003, 45, 984-992.	0.9	11
39	miR-625-3p and lncRNA GAS5 in Liquid Biopsies for Predicting the Outcome of Malignant Pleural Mesothelioma Patients Treated with Neo-Adjuvant Chemotherapy and Surgery. Non-coding RNA, 2019, 5, 41.	1.3	11
40	An ErbB2 splice variant lacking exon 16 drives lung carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20139-20148.	3.3	11
41	Emerging Arsenic Threat in Canada. Science, 2013, 342, 559-559.	6.0	10
42	Non-coding RNAs predict recurrence-free survival of patients with hypoxic tumours. Scientific Reports, 2018, 8, 152.	1.6	10
43	Targeting of chemoprevention to high-risk potentially malignant oral lesions: Challenges and opportunities. Oral Oncology, 2014, 50, 1123-1130.	0.8	9
44	Multiple Components of the VHL Tumor Suppressor Complex Are Frequently Affected by DNA Copy Number Loss in Pheochromocytoma. International Journal of Endocrinology, 2014, 2014, 1-9.	0.6	7
45	MicroRNAs as Biomarkers for Clinical Features of Lung Cancer. Metabolomics: Open Access, 2012, 02, 1000108.	0.1	6
46	Gene expression analysis of microtubule affinity-regulating kinase 2 in non-small cell lung cancer. Genomics Data, 2015, 6, 145-148.	1.3	6
47	Human placental piwi-interacting RNA transcriptome is characterized by expression from the DLK1-DIO3 imprinted region. Scientific Reports, 2021, 11, 14981.	1.6	4
48	Small Noncoding RNA Expression in Cancer. , 2019, , .		1
49	Abstract B15: Genomic and epigenomic events in arsenic-related lung squamous cell carcinomas from smokers and never smokers. Clinical Cancer Research, 2012, 18, B15-B15.	3.2	1
50	Genetic and Epigenetic Mechanisms Deregulate the CRL2pVHL Complex in Hepatocellular Carcinoma. Frontiers in Genetics, 2022, 13, .	1.1	1
51	Emerging challenges for the management of arsenic-induced lung cancer. Lung Cancer Management, 2012, 1, 243-246.	1.5	0
52	Oncogenetics of Lung Cancer Induced by Environmental Carcinogens. , 0, , .		0