Marie-Claude Jaurand

List of Publications by Year
in descending order

70 papers	2,325 citations	182225 30 h-index	252626 46 g-index
74 all docs	74 docs citations	74 times ranked	2779 citing authors

#	Article	IF	Citations
1	The highlights of the 15th international conference of the international mesothelioma interest group â€“ Do molecular concepts challenge the traditional approach to pathological mesothelioma diagnosis?. Lung Cancer, 2022, 163, 1-6.	0.9	4
2	Asbestos and Mesothelioma: What Is Recent Advance in Research on Asbestos-Induced Molecular Carcinogenesis?. Respiratory Disease Series, 2021, , 17-31.	0.1	1
3	Multi-site tumor sampling highlights molecular intra-tumor heterogeneity in malignant pleural mesothelioma. Genome Medicine, 2021, 13, 113.	3.6	31
4	Genetic alterations of malignant pleural mesothelioma: associationÂwith tumor heterogeneity and overall survival. Molecular Oncology, 2020, 14, 1207-1223.	2.1	74
5	The Biology of Malignant Mesothelioma and the Relevance of Preclinical Models. Frontiers in Oncology, 2020, 10, 388.	1.3	25
6	Malignant Mesothelioma: Mechanism of Carcinogenesis. , 2020, , 343-362.		2
7	Unraveling the cellular heterogeneity of malignant pleural mesothelioma through a deconvolution approach. Molecular and Cellular Oncology, 2019, 6, 1610322.	0.3	8
8	Dissecting heterogeneity in malignant pleural mesothelioma through histo-molecular gradients for clinical applications. Nature Communications, 2019, 10, 1333.	5.8	125
9	Assessment of signaling pathway inhibitors and identification of predictive biomarkers in malignant pleural mesothelioma. Lung Cancer, 2018, 126, 15-24.	0.9	13
10	Mesotheliomas in Genetically Engineered Mice Unravel Mechanism of Mesothelial Carcinogenesis. International Journal of Molecular Sciences, 2018, 19, 2191.	1.8	10
11	Co-occurring Mutations of Tumor Suppressor Genes, LATS2 and NF2, in Malignant Pleural Mesothelioma. Clinical Cancer Research, 2017, 23, 3191-3202.	3.2	67
12	Evaluating the mechanistic evidence and key data gaps in assessing the potential carcinogenicity of carbon nanotubes and nanofibers in humans. Critical Reviews in Toxicology, 2017, 47, 1-58.	1.9	83
13	Five years update on relationships between malignant pleural mesothelioma and exposure to asbestos and other elongated mineral particles. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2016, 19, 151-172.	2.9	41
14	Biomolecular Pathways and Malignant Pleural Mesothelioma. , 2016, , 169-192.		4
15	Abstract 3666: Co-occurring mutations of tumors suppressor genes, NF2 and LATS2, in malignant pleural mesothelioma. , 2016, , .		0
16	Abstract 112: Genetic alterations in molecular tumor subgroups of malignant pleural mesothelioma. , 2016, , .		1
17	Causes and pathophysiology of malignant pleural mesothelioma. Lung Cancer Management, 2015, 4, 219-229.	1.5	9
18	Thoracic Neoplasiaâ€“Mesothelioma. , 2014, , 2690-2700.		0

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19	Molecular Classification of Malignant Pleural Mesothelioma: Identification of a Poor Prognosis Subgroup Linked to the Epithelial-to-Mesenchymal Transition. Clinical Cancer Research, 2014, 20, 1323-1334.	3.2	121
20	Quantification of short and long asbestos fibers to assess asbestos exposure: a review of fiber size toxicity. Environmental Health, 2014, 13, 59.	1.7	124
21	Malignant Mesothelioma: Mechanism of Carcinogenesis. , 2014, , 299-319.		2
22	Differential mutation profiles and similar intronic TP53 polymorphisms in asbestos-related lung cancer and pleural mesothelioma. Mutagenesis, 2013, 28, 323-331.	1.0	35
23	Molecular Changes in Mesothelioma With an Impact on Prognosis and Treatment. Archives of Pathology and Laboratory Medicine, 2012, 136, 277-293.	1.2	87
24	Syntenic Relationships between Genomic Profiles of Fiber-Induced Murine and Human Malignant Mesothelioma. American Journal of Pathology, 2011, 178, 881-894.	1.9	48
25	Role of Mutagenicity in Asbestos Fiber-Induced Carcinogenicity and Other Diseases. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2011, 14, 179-245.	2.9	132
26	p16INK4A inactivation mechanisms in non-small-cell lung cancer patients occupationally exposed to asbestos. Lung Cancer, 2010, 67, 23-30.	0.9	50
27	Mesothelial cells. , 2008, , 27-37.		3
28	Clinico-pathological features and somatic gene alterations in refractory ceramic fibre-induced murine mesothelioma reveal mineral fibre-induced mesothelioma identities. Carcinogenesis, 2007, 28, 1599-1605.	1.3	12
29	Pathogenesis of malignant pleural mesothelioma. Respirology, 2005, 10, 2-8.	1.3	63
30	Biomarkers in risk assessment of asbestos exposure. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 579, 6-21.	0.4	29
31	Similar Tumor Suppressor Gene Alteration Profiles in Asbestos-Induced Murine and Human Mesothelioma. Cell Cycle, 2005, 4, 1862-1869.	1.3	45
32	Evaluation of the antitumoral potential of different nitric oxide-donating non-steroidal anti-inflammatory drugs (NO-NSAIDs) on human urological tumor cell lines. Cancer Letters, 2005, 218, 163-170.	3.2	23
33	Mesothelioma pathogenesis, facts and expectations. Pathologie Et Biologie, 2005, 53, 41-44.	2.2	5
34	Mutations in TP53, but not FGFR3, in urothelial cell carcinoma of the bladder are influenced by smoking: contribution of exogenous versus endogenous carcinogens. Carcinogenesis, 2004, 26, 177-184.	1.3	68
35	Growth, Differentiation and Senescence of Normal Human Urothelium in an Organ-Like Culture. European Urology, 2004, 45, 799-805.	0.9	29
36	Gene expression profiles in human mesothelioma cell lines in response to interferon-Î³ treatment. Cancer Genetics and Cytogenetics, 2004, 152, 42-51.	1.0	8

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37	Nitrosulindac (NCX 1102): A new nitric oxide-donating non-steroidal anti-inflammatory drug (NO-NSAID), inhibits proliferation and induces apoptosis in human prostatic epithelial cell lines. Prostate, 2004, 61, 132-141.	1.2	32
38	Lectin-based three-color flow cytometric approach for studying cell surface glycosylation changes that occur during apoptosis. Cytometry, 2004, 62A, 81-88.	1.8	21
39	Hemizygosity of Nf2 is associated with increased susceptibility to asbestos-induced peritoneal tumours. Oncogene, 2003, 22, 3799-3805.	2.6	94
40	FGFR3 and TP53 gene mutations define distinct pathways at initial diagnosis in urothelial cell carcinomas of the bladder. European Urology Supplements, 2003, 2, 157.	0.1	0
41	Ad-IFN gamma induces antiproliferative and antitumoral responses in malignant mesothelioma. Clinical Cancer Research, 2002, 8, 3298-304.	3.2	18
42	Absence of SV40 Large T-Antigen Expression in Human Mesothelioma Cell Lines. American Journal of Respiratory Cell and Molecular Biology, 2000, 23, 788-793.	1.4	31
43	Heterogeneity of mesothelioma cell lines as defined by altered genomic structure and expression of theNF2 gene. , 1998, 77, 554-560.		53
44	Changes in expression and microheterogeneity of the genetic variants of human Î±1-acid glycoprotein in malignant mesothelioma. Biomedical Applications, 1998, 715, 111-123.	1.7	33
45	Clustering of asbestos fibres in cell damage: A percolational perspective. Physica Scripta, 1997, 55, 378-384.	1.2	0
46	Analysis of Cell Cycle Disruptions in Cultures of Rat Pleural Mesothelial Cells Exposed to Asbestos Fibers. American Journal of Respiratory Cell and Molecular Biology, 1997, 17, 660-671.	1.4	40
47	Identification of human complement factor H as a chemotactic protein for monocytes. Biochemical Journal, 1997, 326, 377-383.	1.7	51
48	Mechanisms of Fiber-Induced Genotoxicity. Environmental Health Perspectives, 1997, 105, 1073.	2.8	32
49	Inhibition of acid sialidase by inorganic sulfate. Biochimica Et Biophysica Acta - General Subjects, 1997, 1334, 140-148.	1.1	5
50	Human malignant mesothelial cells: Variability of ultrastructural features in established and nude mice transplanted cell lines. Journal of Pathology, 1995, 177, 209-215.	2.1	9
51	Synthesis of poly(ADP-ribose) in asbestos treated rat pleural mesothelial cells in culture. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1995, 331, 197-204.	0.4	27
52	Role of fibre characteristics on cytotoxicity and induction of anaphase/telophase aberrations in rat pleural mesothelial cells in vitro: correlations with in vivo animal findings. Carcinogenesis, 1995, 16, 2751-2758.	1.3	46
53	Role of oxygen derivatives in the cytotoxicity and DNA damage produced by asbestos on rat pleural mesothelial cells in vitro. Carcinogenesis, 1994, 15, 1251-1255.	1.3	55
54	Expression of cytochrome P450 in rat pleural mesothelial cells in secondary cultures. Journal of Cellular Physiology, 1994, 160, 176-184.	2.0	3

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55	Air Samples from a Building with Asbestos-Containing Material: Asbestos Content and in Vitro Toxicity on Rat Pleural Mesothelial Cells. Fundamental and Applied Toxicology, 1994, 22, 178-185.	1.9	3
56	In Vitro Assessment of Biopersistence Using Mammalian Cell Systems. Environmental Health Perspectives, 1994, 102, 55.	2.8	1
57	Review of Animal/In Vitro Data on Biological Effects of Man-Made Fibers. Environmental Health Perspectives, 1994, 102, 47.	2.8	1
58	Induction of Metaphase and Anaphase/Telophase Abnormalities by Asbestos Fibers in Rat Pleural Mesothelial CellsIn Vitro. American Journal of Respiratory Cell and Molecular Biology, 1993, 9, 186-191.	1.4	61
59	Induction of DNA-Repair synthesis (UDS) in Rat pleural mesothelial cells by urine of subjects exposed to genotoxic agents. Journal of Toxicology: Clinical Toxicology, 1992, 30, 223-238.	1.5	2
60	Use of mesothelial cell cultures to assess the carcinogenic potency of mineral or man made fibers. Cell Biology and Toxicology, 1992, 8, 133-139.	2.4	7
61	Observations on the Carcinogenidty of Asbestos Fibers. Annals of the New York Academy of Sciences, 1991, 643, 258-270.	1.8	23
62	Mechanisms of Fibre Genotoxicity. , 1991, , 287-307.		7
63	Quantitation of elastin in human urine and rat pleural mesothelial cell matrix by a sensitive avidin-biotin ELISA for desmosine. Journal of Immunological Methods, 1988, 107, 1-11.	0.6	34
64	Short-Term Tests for the Evaluation of Potential Cancer Risk of Modified Asbestos Fibers. Annals of the New York Academy of Sciences, 1988, 534, 741-753.	1.8	11
65	Ã‰tude comparative de l'adsorption d'acide dÃ©oxyribonuclÃ©ique sur le chrysotile et le chrysotile phosphorylÃ© (chrysophosphate). Canadian Journal of Chemistry, 1987, 65, 508-511.	0.6	9
66	Formation of oxy radicals by oxygen reduction arising from the surface activity of asbestos. Canadian Journal of Chemistry, 1987, 65, 2338-2341.	0.6	96
67	X-ray photoelectron spectroscopy and chemical study of the adsorption of biological molecules on chrysotile asbestos surface. Journal of Colloid and Interface Science, 1983, 95, 1-9.	5.0	33
68	Mechanism of haemolysis by chrysotile fibres. Toxicology Letters, 1983, 15, 205-211.	0.4	9
69	In vitro reactivity of alveolar macrophages and red blood cells with asbestos fibres treated with oxalic acid, sulfur dioxide and benzo-3,4-pyrene. Toxicology, 1981, 21, 323-342.	2.0	33
70	Partial characterisation of an elastase-like enzyme secreted by human and monkey alveolar macrophages. Journal of Pathology, 1978, 125, 171-177.	2.1	58