Catherine Alix-PanabiÃ¨res

List of Publications by Year
in descending order

121 papers	12,731 citations	36271 51 h-index	24232 110 g-index
127 all docs	127 docs citations	127 times ranked	13213 citing authors

#	Article	IF	Citations
1	Detection of cancer metastasis: past, present and future. Clinical and Experimental Metastasis, 2022, 39, 21-28.	1.7	9
2	Abstract P2-01-12: Detection of circulating tumor cells in cerebrospinal fluid for patients with suspected breast cancer leptomeningeal metastases: A prospective study. Cancer Research, 2022, 82, P2-01-12-P2-01-12.	0.4	0
3	Liquid Biopsy to Catch the Epigenetic Changes in Endometrial Cancer. Clinical Chemistry, 2022, , .	1.5	0
4	Functional analysis of circulating tumour cells: the KEY to understand the biology of the metastatic cascade. British Journal of Cancer, 2022, 127, 800-810.	2.9	38
5	Looking at Thyroid Cancer from the Tumor-Suppressor Genes Point of View. Cancers, 2022, 14, 2461.	1.7	0
6	Liquid Biopsy: How to Embrace Perfection?. , 2022, 9, 54-56, 59.		0
7	Efficacy of Circulating Tumor Cell Countâ€“Driven vs Clinician-Driven First-line Therapy Choice in Hormone Receptorâ€“Positive, ERBB2-Negative Metastatic Breast Cancer. JAMA Oncology, 2021, 7, 34.	3.4	92
8	Photonic Technologies for Liquid Biopsies: Recent Advances and Open Research Challenges. Laser and Photonics Reviews, 2021, 15, .	4.4	10
9	Liquid Biopsies: Photonic Technologies for Liquid Biopsies: Recent Advances and Open Research Challenges (Laser Photonics Rev. 15(1)/2021). Laser and Photonics Reviews, 2021, 15, 2170012.	4.4	3
10	Proficiency Testing to Assess Technical Performance for CTC-Processing and Detection Methods in CANCER-ID. Clinical Chemistry, 2021, 67, 631-641.	1.5	25
11	Identifying key questions in the ecology and evolution of cancer. Evolutionary Applications, 2021, 14, 877-892.	1.5	58
12	Selective treatment pressure in colon cancer drives the molecular profile of resistant circulating tumor cell clones. Molecular Cancer, 2021, 20, 30.	7.9	30
13	Group phenotypic composition in cancer. ELife, 2021, 10, .	2.8	18
14	Liquid Biopsy: From Discovery to Clinical Application. Cancer Discovery, 2021, 11, 858-873.	7.7	407
15	Does Cancer Biology Rely on Parrondoâ€™s Principles?. Cancers, 2021, 13, 2197.	1.7	7
16	Liquid biopsy: from discovery to clinical implementation. Molecular Oncology, 2021, 15, 1617-1621.	2.1	9
17	Clinical Relevance of Viable Circulating Tumor Cells in Patients with Metastatic Colorectal Cancer: The COLOSPOT Prospective Study. Cancers, 2021, 13, 2966.	1.7	11
18	Is There One Key Step in the Metastatic Cascade?. Cancers, 2021, 13, 3693.	1.7	26

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19	Current Applications and Discoveries Related to the Membrane Components of Circulating Tumor Cells and Extracellular Vesicles. Cells, 2021, 10, 2221.	1.8	5
20	Programmed Cell Death Ligand 1-Expressing Circulating Tumor Cells: A New Prognostic Biomarker in Non-Small Cell Lung Cancer. Clinical Chemistry, 2021, 67, 1503-1512.	1.5	38
21	On the need for integrating cancer into the One Health perspective. Evolutionary Applications, 2021, 14, 2571-2575.	1.5	9
22	Liquid Biopsy in Melanoma: Significance in Diagnostics, Prediction and Treatment Monitoring. International Journal of Molecular Sciences, 2021, 22, 9714.	1.8	20
23	Epithelial-to-Mesenchymal Plasticity in Circulating Tumor Cell Lines Sequentially Derived from a Patient with Colorectal Cancer. Cancers, 2021, 13, 5408.	1.7	18
24	Circulating tumor cell as the functional aspect of liquid biopsy to understand the metastatic cascade in solid cancer. Molecular Aspects of Medicine, 2020, 72, 100816.	2.7	62
25	The Different Facets of Liquid Biopsy: A Kaleidoscopic View. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a037333.	2.9	24
26	Tumor-Associated Release of Prostatic Cells into the Blood after Transrectal Ultrasound-Guided Biopsy in Patients with Histologically Confirmed Prostate Cancer. Clinical Chemistry, 2020, 66, 161-168.	1.5	21
27	Molecular and Functional Characterization of Circulating Tumor Cells: From Discovery to Clinical Application. Clinical Chemistry, 2020, 66, 97-104.	1.5	33
28	Mass Spectrometry as a Highly Sensitive Method for Specific Circulating Tumor DNA Analysis in NSCLC: A Comparison Study. Cancers, 2020, 12, 3002.	1.7	22
29	The Metastatic Cascade as the Basis for Liquid Biopsy Development. Frontiers in Oncology, 2020, 10, 1055.	1.3	27
30	Do malignant cells sleep at night?. Genome Biology, 2020, 21, 276.	3.8	24
31	Epithelial Cell Adhesion Molecule: An Anchor to Isolate Clinically Relevant Circulating Tumor Cells. Cells, 2020, 9, 1836.	1.8	66
32	Clinical Correlations of Programmed Cell Death Ligand 1 Status in Liquid and Standard Biopsies in Breast Cancer. Clinical Chemistry, 2020, 66, 1093-1101.	1.5	33
33	Liquid Biopsy to Detect Circulating Tumor Cells: Is It Ready for a Value Proposition in Laboratory Medicine?. journal of applied laboratory medicine, The, 2020, 5, 1027-1037.	0.6	3
34	High Sensitivity of Circulating Tumor Cells Derived from a Colorectal Cancer Patient for Dual Inhibition with AKT and mTOR Inhibitors. Cells, 2020, 9, 2129.	1.8	26
35	Clinical relevance of liquid biopsy in breast cancer: update in 2020. Expert Review of Molecular Diagnostics, 2020, 20, 913-919.	1.5	13
36	â€œCirculating Tumor Cells: Finding Rare Events for a Huge Knowledge of Cancer Disseminationâ€• Cells, 2020, 9, 661.	1.8	5

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37	Circulating Tumor Cells as a Marker of Disseminated Disease in Patients with Newly Diagnosed High-Risk Prostate Cancer. Cancers, 2020, 12, 160.	1.7	32
38	Clinical Relevance of Liquid Biopsy in Melanoma and Merkel Cell Carcinoma. Cancers, 2020, 12, 960.	1.7	25
39	The Role of Circulating Tumor Cells in the Metastatic Cascade: Biology, Technical Challenges, and Clinical Relevance. Cancers, 2020, 12, 867.	1.7	63
40	The future of liquid biopsy. Nature, 2020, 579, S9-S9.	13.7	110
41	Circulating Tumor Cell Detection and Polyomavirus Status in Merkel Cell Carcinoma. Scientific Reports, 2020, 10, 1612.	1.6	14
42	Characterization of circulating breast cancer cells with tumorigenic and metastatic capacity. EMBO Molecular Medicine, 2020, 12, e11908.	3.3	77
43	Circulating Tumor Cells as a Prognostic Factor in Recurrent or Metastatic Head and Neck Squamous Cell Carcinoma: The CIRCUTEC Prospective Study. Clinical Chemistry, 2019, 65, 1267-1275.	1.5	38
44	Never Travel Alone: The Crosstalk of Circulating Tumor Cells and the Blood Microenvironment. Cells, 2019, 8, 714.	1.8	97
45	S100-EPISPOT: A New Tool to Detect Viable Circulating Melanoma Cells. Cells, 2019, 8, 755.	1.8	25
46	Liquid Biopsy Approach for Pancreatic Ductal Adenocarcinoma. Cancers, 2019, 11, 852.	1.7	53
47	High Clinical Value of Liquid Biopsy to Detect Circulating Tumor Cells and Tumor Exosomes in Pancreatic Ductal Adenocarcinoma Patients Eligible for Up-Front Surgery. Cancers, 2019, 11, 1656.	1.7	79
48	Detection of Androgen Receptor Variant 7 (ARV7) mRNA Levels in EpCAM-Enriched CTC Fractions for Monitoring Response to Androgen Targeting Therapies in Prostate Cancer. Cells, 2019, 8, 1067.	1.8	18
49	Tumorâ€proximal liquid biopsy to improve diagnostic and prognostic performances of circulating tumor cells. Molecular Oncology, 2019, 13, 1811-1826.	2.1	27
50	Analysis of Circulating Tumor Cells in Patients with Non-Metastatic High-Risk Prostate Cancer before and after Radiotherapy Using Three Different Enumeration Assays. Cancers, 2019, 11, 802.	1.7	24
51	Cetuximab pharmacokinetic/pharmacodynamics relationships in advanced head and neck carcinoma patients. British Journal of Clinical Pharmacology, 2019, 85, 1357-1366.	1.1	19
52	Liquid biopsy and minimal residual disease â€" latest advances and implications for cure. Nature Reviews Clinical Oncology, 2019, 16, 409-424.	12.5	671
53	CTCs as Liquid Biopsy: Where Are We Now?. , 2019, , .		3
54	Metastasis and the evolution of dispersal. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192186.	1.2	12

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55	Les cellules tumorales circulantes comme biopsie liquide du cancer. Revue Francophone Des Laboratoires, 2018, 2018, 75-80.	0.0	0
56	Multiplex Gene Expression Profiling of In Vivo Isolated Circulating Tumor Cells in High-Risk Prostate Cancer Patients. Clinical Chemistry, 2018, 64, 297-306.	1.5	67
57	Autologous cell lines from circulating colon cancer cells captured from sequential liquid biopsies as model to study therapy-driven tumor changes. Scientific Reports, 2018, 8, 15931.	1.6	67
58	miRNA-30 Family Members Inhibit Breast Cancer Invasion, Osteomimicry, and Bone Destruction by Directly Targeting Multiple Bone Metastasisâ€“Associated Genes. Cancer Research, 2018, 78, 5259-5273.	0.4	141
59	Chromosomal Aberrations Associated with Sequential Steps of the Metastatic Cascade in Colorectal Cancer Patients. Clinical Chemistry, 2018, 64, 1505-1512.	1.5	18
60	Circulating tumour cells and cell-free DNA in gastrointestinal cancer. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 73-74.	8.2	49
61	Molecular Portrait of Metastasis-Competent Circulating Tumor Cells in Colon Cancer Reveals the Crucial Role of Genes Regulating Energy Metabolism and DNA Repair. Clinical Chemistry, 2017, 63, 700-713.	1.5	67
62	Tumour microenvironment: informing on minimal residual disease in solid tumours. Nature Reviews Clinical Oncology, 2017, 14, 325-326.	12.5	40
63	Clinical prospects of liquid biopsies. Nature Biomedical Engineering, 2017, 1, .	11.6	31
64	Characterization of single circulating tumor cells. FEBS Letters, 2017, 591, 2241-2250.	1.3	48
65	Epithelial-mesenchymal plasticity in circulating tumor cells. Journal of Molecular Medicine, 2017, 95, 133-142.	1.7	113
66	Detection of Circulating Plasma Cells in Multiple Myeloma. Clinical Chemistry, 2017, 63, 1797-1798.	1.5	0
67	Here comes the spaser. Nature Materials, 2017, 16, 790-791.	13.3	11
68	EpCAM-Independent Enrichment and Detection of Viable Circulating Tumor Cells Using the EPISPOT Assay. Methods in Molecular Biology, 2017, 1634, 263-276.	0.4	30
69	Prognostic significance of PD-L1 expression on circulating tumor cells in patients with head and neck squamous cell carcinoma. Annals of Oncology, 2017, 28, 1923-1933.	0.6	153
70	Early detection of lung cancer based on DNA methylation analysis in sputum and plasma. Translational Cancer Research, 2017, 6, S51-S53.	0.4	2
71	Improved detection of circulating tumor cells in non-metastatic high-risk prostate cancer patients. Scientific Reports, 2016, 6, 39736.	1.6	96
72	Circulating Tumor DNA as a Cancer Biomarker: Fact or Fiction?. Clinical Chemistry, 2016, 62, 1054-1060.	1.5	87

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73	Functional studies on circulating and disseminated tumor cells in carcinoma patients. Molecular Oncology, 2016, 10, 443-449.	2.1	60
74	Functional Studies on Viable Circulating Tumor Cells. Clinical Chemistry, 2016, 62, 328-334.	1.5	87
75	Liquid biopsy: Potential and challenges. Molecular Oncology, 2016, 10, 371-373.	2.1	67
76	Clinical Applications of Circulating Tumor Cells and Circulating Tumor DNA as Liquid Biopsy. Cancer Discovery, 2016, 6, 479-491.	7.7	1,087
77	Establishment and Characterization of a Cell Line from Human Circulating Colon Cancer Cells. Cancer Research, 2015, 75, 892-901.	0.4	321
78	Frequent expression of PDâ€Ł1 on circulating breast cancer cells. Molecular Oncology, 2015, 9, 1773-1782.	2.1	303
79	Disseminated tumor cells in bone marrow of cancer patients. , 2015, , 471-477.		0
80	Liquid biopsy in cancer patients: advances in capturing viable CTCs for functional studies using the EPISPOT assay. Expert Review of Molecular Diagnostics, 2015, 15, 1411-1417.	1.5	43
81	Cell lines from circulating tumor cells. Oncoscience, 2015, 2, 815-816.	0.9	27
82	Micrometastasis. , 2015, , 1-5.		0
83	Micrometastasis. , 2015, , 2833-2836.		0
84	Prognostic Relevance of Viable Circulating Tumor Cells Detected by EPISPOT in Metastatic Breast Cancer Patients. Clinical Chemistry, 2014, 60, 214-221.	1.5	102
85	Technologies for detection of circulating tumor cells: facts and vision. Lab on A Chip, 2014, 14, 57-62.	3.1	226
86	Bone marrow as a reservoir for disseminated tumor cells: a special source for liquid biopsy in cancer patients. BoneKEy Reports, 2014, 3, 584.	2.7	82
87	Challenges in circulating tumour cell research. Nature Reviews Cancer, 2014, 14, 623-631.	12.8	1,102
88	Real-time Liquid Biopsy in Cancer Patients: Fact or Fiction?. Cancer Research, 2013, 73, 6384-6388.	0.4	376
89	Clinical application of circulating tumor cells in breast cancer: overview of the current interventional trials. Cancer and Metastasis Reviews, 2013, 32, 179-188.	2.7	218
90	Circulating Tumor Cells: Liquid Biopsy of Cancer. Clinical Chemistry, 2013, 59, 110-118.	1.5	942

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91	Capture of Viable Circulating Tumor Cells in the Liver of Colorectal Cancer Patients. Clinical Chemistry, 2013, 59, 1384-1392.	1.5	182
92	Real-time liquid biopsy: circulating tumor cells versus circulating tumor DNA. Annals of Translational Medicine, 2013, 1, 18.	0.7	24
93	Circulating Epithelial Cells in Patients with Benign Colon Diseases. Clinical Chemistry, 2012, 58, 936-940.	1.5	229
94	Plasticity of disseminating cancer cells in patients with epithelial malignancies. Cancer and Metastasis Reviews, 2012, 31, 673-687.	2.7	192
95	EPISPOT Assay: Detection of Viable DTCs/CTCs in Solid Tumor Patients. Recent Results in Cancer Research, 2012, 195, 69-76.	1.8	149
96	The Potential of Circulating Tumor Cells as a Liquid Biopsy to Guide Therapy in Prostate Cancer. Cancer Discovery, 2012, 2, 974-975.	7.7	35
97	Circulating Tumor Cells and Circulating Tumor DNA. Annual Review of Medicine, 2012, 63, 199-215.	5.0	411
98	Circulating tumor cells in prostate cancer: A potential surrogate marker of survival. Critical Reviews in Oncology/Hematology, 2012, 81, 241-256.	2.0	68
99	Detection methods of circulating tumor cells. Journal of Thoracic Disease, 2012, 4, 446-7.	0.6	33
100	Circulating tumor-derived biomarkers in lung cancer. Journal of Thoracic Disease, 2012, 4, 448-9.	0.6	11
101	Clinical relevance and biology of circulating tumor cells. Breast Cancer Research, 2011, 13, 228.	2.2	126
102	Molecular mechanisms of metastasis. Journal of Surgical Oncology, 2011, 103, 508-517.	0.8	37
103	Micrometastasis. , 2011, , 2297-2300.		0
104	Circulating tumour cells in cancer patients: challenges and perspectives. Trends in Molecular Medicine, 2010, 16, 398-406.	3.5	616
105	Insights into minimal residual disease in cancer patients: Implications for anti-cancer therapies. European Journal of Cancer, 2010, 46, 1189-1197.	1.3	56
106	Detection and Characterization of Disseminated Tumor Cells present in Bone Marrow of Cancer Patients. , 2010, , 103-117.		0
107	Cancer micrometastases. Nature Reviews Clinical Oncology, 2009, 6, 339-351.	12.5	625
108	Full-length cytokeratin-19 is released by human tumor cells: a potential role in metastatic progression of breast cancer. Breast Cancer Research, 2009, 11, R39.	2.2	146

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109	Cell-free Tumor DNA in Blood Plasma As a Marker for Circulating Tumor Cells in Prostate Cancer. Clinical Cancer Research, 2009, 15, 1032-1038.	3.2	221
110	Micrometastatic spread in breast cancer: detection, molecular characterization and clinical relevance. Breast Cancer Research, 2008, 10, S1.	2.2	70
111	Circulating Tumor Cells and Bone Marrow Micrometastasis. Clinical Cancer Research, 2008, 14, 5013-5021.	3.2	229
112	Identification of Loss of Heterozygosity on Circulating Free DNA in Peripheral Blood of Prostate Cancer Patients: Potential and Technical Improvements. Clinical Chemistry, 2008, 54, 688-696.	1.5	40
113	Current status in human breast cancer micrometastasis. Current Opinion in Oncology, 2007, 19, 558-563.	1.1	78
114	The clinical significance of circulating tumor cells. Nature Clinical Practice Oncology, 2007, 4, 62-63.	4.3	105
115	Detection and Characterization of Putative Metastatic Precursor Cells in Cancer Patients. Clinical Chemistry, 2007, 53, 537-539.	1.5	182
116	Characterization and enumeration of cells secreting tumor markers in the peripheral blood of breast cancer patients. Journal of Immunological Methods, 2005, 299, 177-188.	0.6	85
117	Detection of Circulating Prostate-Specific Antigenâ€“Secreting Cells in Prostate Cancer Patients. Clinical Chemistry, 2005, 51, 1538-1541.	1.5	58
118	Dynamics of spontaneous HIV-1 specific and non-specific B-cell responses in patients receiving antiretroviral therapy. Aids, 2002, 16, 1755-1760.	1.0	28
119	Spontaneous Secretion of Immunoglobulins and Anti-HIV-1 Antibodies by in Vivo Activated B Lymphocytes from HIV-1-Infected Subjects: Monocyte and Natural Killer Cell Requirement for in Vitro Terminal Differentiation into Plasma Cells. Clinical Immunology, 2002, 103, 98-109.	1.4	25
120	Critical Issues of Research on Circulating and Disseminated Tumor Cells in Cancer Patients. , 0, , 486-500.		0
121	Circulating tumor cells: moving forward into clinical applications. Precision Cancer Medicine, 0, 3, 4-4.	1.8	14