Fabrizio Bianchi

List of Publications by Year
in descending order

95 papers	4,553 citations	94269 37 h-index	110170 64 g-index
96 all docs	96 docs citations	96 times ranked	8249 citing authors

#	Article	IF	Citations
1	A serum circulating miRNA diagnostic test to identify asymptomatic high‑risk individuals with early stage lung cancer. EMBO Molecular Medicine, 2011, 3, 495-503.	3.3	322
2	Epidemiology of congenital diaphragmatic hernia in Europe: a register-based study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F137-F144.	1.4	229
3	miR-Test: A Blood Test for Lung Cancer Early Detection. Journal of the National Cancer Institute, 2015, 107, djv063.	3.0	221
4	Long term trends in prevalence of neural tube defects in Europe: population based study. BMJ, The, 2015, 351, h5949.	3.0	180
5	Targeting Fibroblast Growth Factor Receptors Blocks PI3K/AKT Signaling, Induces Apoptosis, and Impairs Mammary Tumor Outgrowth and Metastasis. Cancer Research, 2010, 70, 4151-4162.	0.4	162
6	Threshold-controlled ubiquitination of the EGFR directs receptor fate. EMBO Journal, 2013, 32, 2140-2157.	3.5	156
7	Î”Np63 (p40) and Thyroid Transcription Factor-1 Immunoreactivity on Small Biopsies or Cellblocks for Typing Non-small Cell Lung Cancer: A Novel Two-Hit, Sparing-Material Approach. Journal of Thoracic Oncology, 2012, 7, 281-290.	0.5	126
8	Epidemiology of small intestinal atresia in Europe: a register-based study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2012, 97, F353-F358.	1.4	119
9	Reticulon 3‑dependent ER-PM contact sites control EGFR nonclathrin endocytosis. Science, 2017, 356, 617-624.	6.0	118
10	Annoyance Judgment and Measurements of Environmental Noise: A Focus on Italian Secondary Schools. International Journal of Environmental Research and Public Health, 2018, 15, 208.	1.2	117
11	Breast cancer metastases are molecularly distinct from their primary tumors. Oncogene, 2008, 27, 2148-2158.	2.6	116
12	The Serine Protease Inhibitor Protease Nexin-1 Controls Mammary Cancer Metastasis through LRP-1‑Mediated MMP-9 Expression. Cancer Research, 2009, 69, 5690-5698.	0.4	116
13	A RAB5/RAB4 recycling circuitry induces a proteolytic invasive program and promotes tumor dissemination. Journal of Cell Biology, 2014, 206, 307-328.	2.3	114
14	The Fragile X Protein binds m <scp>RNA</scp> s involved in cancer progression and modulates metastasis formation. EMBO Molecular Medicine, 2013, 5, 1523-1536.	3.3	106
15	Distinct Molecular Signature of Inflammatory Breast Cancer by cDNA Microarray Analysis. Breast Cancer Research and Treatment, 2005, 93, 237-246.	1.1	104
16	Survival prediction of stage I lung adenocarcinomas by expression of 10 genes. Journal of Clinical Investigation, 2007, 117, 3436-3444.	3.9	103
17	CD73 Regulates Stemness and Epithelial-Mesenchymal Transition in Ovarian Cancer-Initiating Cells. Stem Cell Reports, 2018, 10, 1412-1425.	2.3	94
18	Transcription factor PREP1 induces EMT and metastasis by controlling the TGF-Î²‑SMAD3 pathway in non-small cell lung adenocarcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3775-84.	3.3	87

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19	Gene expression signature for angiogenic and nonangiogenic non-small-cell lung cancer. Oncogene, 2005, 24, 1212-1219.	2.6	83
20	Hypospadias Prevalence and Trends in International Birth Defect Surveillance Systems, 1980â€"2010. European Urology, 2019, 76, 482-490.	0.9	74
21	Lung Cancers Detected by Screening with Spiral Computed Tomography Have a Malignant Phenotype when Analyzed by cDNA Microarray. Clinical Cancer Research, 2004, 10, 6023-6028.	3.2	64
22	Epidemiology of multiple congenital anomalies in Europe: A EUROCAT populationâ€based registry study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 270-276.	1.6	64
23	Most high-grade neuroendocrine tumours of the lung are likely to secondarily develop from pre-existing carcinoids: innovative findings skipping the current pathogenesis paradigm. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2018, 472, 567-577.	1.4	64
24	Immunhistochemistry by Means of Widely Agreed-Upon Markers (Cytokeratins 5/6 and 7, p63, Thyroid) Tj ETQq0 0 0 rgBT /Overlock 10 Parallels the Corresponding Profiling and Eventual Diagnoses on Surgical Specimens. Journal of Thoracic Oncology, 2011, 6, 1039-1049.	0.5	60
25	Major congenital anomalies in babies born with Down syndrome: A EUROCAT populationâ€based registry study. American Journal of Medical Genetics, Part A, 2014, 164, 2979-2986.	0.7	57
26	Proteomic snapshot of the EGFâ€induced ubiquitin network. Molecular Systems Biology, 2011, 7, 462.	3.2	56
27	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. Clinical Chemistry, 2016, 62, 743-754.	1.5	53
28	Hirschsprung's disease prevalence in Europe: A register based study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 695-702.	1.6	52
29	Loss of the Actin Remodeler Eps8 Causes Intestinal Defects and Improved Metabolic Status in Mice. PLoS ONE, 2010, 5, e9468.	1.1	50
30	Circulating Cancer Biomarkers: The Macro-revolution of the Micro-RNA. EBioMedicine, 2016, 5, 4-6.	2.7	49
31	Regulation of ADL6 activity by its associated molecular network. Plant Journal, 2002, 31, 565-576.	2.8	48
32	Priority persistent contaminants in people dwelling in critical areas of Campania Region, Italy (SEBIOREC biomonitoring study). Science of the Total Environment, 2014, 487, 420-435.	3.9	46
33	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. Journal of Clinical Investigation, 2014, 124, 4335-4350.	3.9	46
34	Morphologic and molecular classification of lung neuroendocrine neoplasms. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 5-19.	1.4	44
35	Prep1 (pKnox1)â€deficiency leads to spontaneous tumor development in mice and accelerates EÎ¼Myc lymphomagenesis: A tumor suppressor role for Prep1. Molecular Oncology, 2010, 4, 126-134.	2.1	41
36	The EPIRARE proposal of a set of indicators and common data elements for the European platform for rare disease registration. Archives of Public Health, 2014, 72, 35.	1.0	41

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37	Differentiation-associated microRNAs antagonize the Rb–E2F pathway to restrict proliferation. Journal of Cell Biology, 2012, 199, 77-95.	2.3	39
38	European Recommendations for Primary Prevention of Congenital Anomalies: A Joined Effort of EUROCAT and EUROPLAN Projects to Facilitate Inclusion of This Topic in the National Rare Disease Plans. Public Health Genomics, 2014, 17, 115-123.	0.6	39
39	Recent advances in the molecular landscape of lung neuroendocrine tumors. Expert Review of Molecular Diagnostics, 2019, 19, 281-297.	1.5	38
40	miR-27a is a master regulator of metabolic reprogramming and chemoresistance in colorectal cancer. British Journal of Cancer, 2020, 122, 1354-1366.	2.9	38
41	An Aggressive Subtype of Stage I Lung Adenocarcinoma with Molecular and Prognostic Characteristics Typical of Advanced Lung Cancers. Clinical Cancer Research, 2017, 23, 62-72.	3.2	36
42	Selective high-level expression of epsin 3 in gastric parietal cells, where it is localized at endocytic sites of apical canaliculi. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21511-21516.	3.3	33
43	The fragile X mental retardation protein regulates tumor invasiveness-related pathways in melanoma cells. Cell Death and Disease, 2017, 8, e3169-e3169.	2.7	33
44	Epidemiology of achondroplasia: A population-based study in Europe. American Journal of Medical Genetics, Part A, 2019, 179, 1791-1798.	0.7	33
45	The Interplay between Colon Cancer Cells and Tumour-Associated Stromal Cells Impacts the Biological Clock and Enhances Malignant Phenotypes. Cancers, 2019, 11, 988.	1.7	32
46	Amelia: A multi-center descriptive epidemiologic study in a large dataset from the International Clearinghouse for Birth Defects Surveillance and Research, and overview of the literature. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2011, 157, 288-304.	0.7	31
47	Biomarkers and Lung Cancer Early Detection: State of the Art. Cancers, 2021, 13, 3919.	1.7	31
48	HOXB7 overexpression in lung cancer is a hallmark of acquired stem-like phenotype. Oncogene, 2018, 37, 3575-3588.	2.6	29
49	Phocomelia: A worldwide descriptive epidemiologic study in a large series of cases from the International Clearinghouse for Birth Defects Surveillance and Research, and overview of the literature. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2011, 157, 305-320.	0.7	27
50	Cyclopia: An epidemiologic study in a large dataset from the International Clearinghouse of Birth Defects Surveillance and Research. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2011, 157, 344-357.	0.7	26
51	Pulmonary adenocarcinoma with mucin production modulates phenotype according to common genetic traits: a reappraisal of mucinous adenocarcinoma and colloid adenocarcinoma. Journal of Pathology: Clinical Research, 2017, 3, 139-151.	1.3	22
52	Combined analysis of miR-200 family and its significance for breast cancer. Scientific Reports, 2021, 11, 2980.	1.6	22
53	The Role of Polybrominated Diphenyl Ethers in Thyroid Carcinogenesis: Is It a Weak Hypothesis or a Hidden Reality? From Facts to New Perspectives. International Journal of Environmental Research and Public Health, 2018, 15, 1834.	1.2	21
54	The health of communities living in proximity of geothermal plants generating heat and electricity: A review. Science of the Total Environment, 2020, 706, 135998.	3.9	20

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55	L1CAM promotes ovarian cancer stemness and tumor initiation via FGFR1/SRC/STAT3 signaling. Journal of Experimental and Clinical Cancer Research, 2021, 40, 319.	3.5	20
56	Elevated Levels of Oxidative Stress as a Prognostic Predictor of Major Adverse Cardiovascular Events in Patients with Coronary Artery Disease. Journal of Atherosclerosis and Thrombosis, 2012, 19, .	0.9	19
57	Circulating and tissue biomarkers in early-stage non-small. Ecancermedicalscience, 2017, 11, 717.	0.6	19
58	Estrogen receptor α L429 and A430 regulate 17β-estradiol-induced cell proliferation via CREB1. Cellular Signalling, 2015, 27, 2380-2388.	1.7	18
59	Loss of circadian gene Timeless induces EMT and tumor progression in colorectal cancer via Zeb1-dependent mechanism. Cell Death and Differentiation, 2022, 29, 1552-1568.	5.0	18
60	The stem cell-associated transcription co-factor, ZNF521, interacts with GLI1 and GLI2 and enhances the activity of the Sonic hedgehog pathway. Cell Death and Disease, 2019, 10, 715.	2.7	17
61	A self-sustaining endocytic-based loop promotes breast cancer plasticity leading to aggressiveness and pro-metastatic behavior. Nature Communications, 2020, 11, 3020.	5.8	17
62	ecancermedicalscience. Ecancermedicalscience, 2012, 6, 246.	0.6	16
63	The Quality of Rare Disease Registries: Evaluation and Characterization. Public Health Genomics, 2016, 19, 108-115.	0.6	16
64	The challenge of small lung nodules identified in CT screening: can biomarkers assist diagnosis?. Biomarkers in Medicine, 2016, 10, 137-143.	0.6	16
65	In silico screening for ERα down modulators identifies thioridazine as an anti-proliferative agent in primary, 4OH-tamoxifen-resistant and Y537S ERα-expressing breast cancer cells. Cellular Oncology (Dordrecht), 2018, 41, 677-686.	2.1	16
66	A Subset of Large Cell Neuroendocrine Carcinomas in the Gastroenteropancreatic Tract May Evolve from Pre-existing Well-Differentiated Neuroendocrine Tumors. Endocrine Pathology, 2021, 32, 396-407.	5.2	16
67	Seasonality of congenital anomalies in Europe. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 260-269.	1.6	14
68	Mortality and hospitalization associated to emissions of a coal power plant: A population-based cohort study. Science of the Total Environment, 2019, 694, 133757.	3.9	14
69	Ouabain and Digoxin Activate the Proteasome and the Degradation of the ERα in Cells Modeling Primary and Metastatic Breast Cancer. Cancers, 2020, 12, 3840.	1.7	14
70	A cancer-specific transcriptional signature in human neoplasia. Journal of Clinical Investigation, 2005, 115, 3015-3025.	3.9	14
71	Unbiased vs. biased approaches to the identification of cancer signatures: the case of lung cancer. Cell Cycle, 2008, 7, 729-734.	1.3	13
72	Unraveling the role of low-frequency mutated genes in breast cancer. Bioinformatics, 2019, 35, 36-46.	1.8	13

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73	Transcriptional and Metabolic Dissection of ATRA-Induced Granulocytic Differentiation in NB4 Acute Promyelocytic Leukemia Cells. Cells, 2020, 9, 2423.	1.8	12
74	MicroRNA expression profile in primary lung cancer cells lines obtained by endobronchial ultrasound transbronchial needle aspiration. Journal of Thoracic Disease, 2018, 10, 408-415.	0.6	11
75	Urinary Arsenic in Human Samples from Areas Characterized by Natural or Anthropogenic Pollution in Italy. International Journal of Environmental Research and Public Health, 2018, 15, 299.	1.2	11
76	Non-Coding RNAs as Prognostic Biomarkers: A miRNA Signature Specific for Aggressive Early-Stage Lung Adenocarcinomas. Non-coding RNA, 2020, 6, 48.	1.3	11
77	Communication and Community Involvement to Support Risk Governance. International Journal of Environmental Research and Public Health, 2019, 16, 4356.	1.2	8
78	Aggressive early-stage lung adenocarcinoma is characterized by epithelial cell plasticity with acquirement of stem-like traits and immune evasion phenotype. Oncogene, 2021, 40, 4980-4991.	2.6	8
79	Sensitive and affordable diagnostic assay for the quantitative detection of anaplastic lymphoma kinase (<i>ALK</i>) alterations in patients with non-small cell lung cancer. Oncotarget, 2016, 7, 37160-37176.	0.8	8
80	Assessment of health risks of policies. Environmental Impact Assessment Review, 2014, 48, 47-52.	4.4	7
81	Microarray profiling of L1-overexpressing endothelial cells reveals STAT3 activation via IL-6/IL-6RÎ± axis. Genomics Data, 2015, 4, 137-139.	1.3	7
82	Lung Cancer Early Detection: The Role of Circulating MicroRNAs. EBioMedicine, 2015, 2, 1278-1279.	2.7	7
83	Recent advances and current controversies in lung neuroendocrine neoplasmsâœ°. Seminars in Diagnostic Pathology, 2021, 38, 90-97.	1.0	7
84	Integrated molecular profiling of patientâ€derived ovarian cancer models identifies clinically relevant signatures and tumor vulnerabilities. International Journal of Cancer, 2022, 151, 240-254.	2.3	7
85	Mining cancer gene expression databases for latent information on intronic microRNAs. Molecular Oncology, 2015, 9, 473-487.	2.1	6
86	Deciphering the Molecular Profile of Lung Cancer: New Strategies for the Early Detection and Prognostic Stratification. Journal of Clinical Medicine, 2019, 8, 108.	1.0	6
87	In silico prediction and experimental validation of natural antisense transcripts in two cancer-associated regions of human chromosome 6. International Journal of Oncology, 2009, 34, 1099-108.	1.4	4
88	Molecular profile of liquid biopsies: next generation biomarkers to improve lung cancer treatment. Ecancermedicalscience, 2015, 9, 598.	0.6	4
89	Prevalence of valproate syndrome in Europe from 2005 to 2014: A registry based multi-centre study. European Journal of Medical Genetics, 2018, 61, 479-482.	0.7	3
90	SMARCA2 Deficiency While Preserving SMARCA4 and SMARCB1 in Lung Neuroendocrine Carcinomas. Journal of Thoracic Oncology, 2021, 16, e32-e35.	0.5	2

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91	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. Journal of Clinical Investigation, 2014, 124, 5085-5085.	3.9	1
92	The Fragile X Protein binds mRNA s involved in cancer progression and modulates metastasis formation. EMBO Molecular Medicine, 2014, 6, 567-568.	3.3	0
93	Circulating miRNA in Early Diagnosis. , 2017, , 875-881.		0
94	Bioinformatics for Clinical Use in Breast Cancer. , 2017, , 925-928.		0
95	Molecular biomarkers in early-stage lung cancer.. Journal of Clinical Oncology, 2016, 34, e23082-e23082.	0.8	0