

Fabrizio Bianchi

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

4,553
citations

94433

37
h-index

110387

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. <i>EMBO Molecular Medicine</i> , 2011, 3, 495-503.	6.9	322
2	Epidemiology of congenital diaphragmatic hernia in Europe: a register-based study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F137-F144.	2.8	229
3	miR-Test: A Blood Test for Lung Cancer Early Detection. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv063.	6.3	221
4	Long term trends in prevalence of neural tube defects in Europe: population based study. <i>BMJ, The</i> , 2015, 351, h5949.	6.0	180
5	Targeting Fibroblast Growth Factor Receptors Blocks PI3K/AKT Signaling, Induces Apoptosis, and Impairs Mammary Tumor Outgrowth and Metastasis. <i>Cancer Research</i> , 2010, 70, 4151-4162.	0.9	162
6	Threshold-controlled ubiquitination of the EGFR directs receptor fate. <i>EMBO Journal</i> , 2013, 32, 2140-2157.	7.8	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. <i>Journal of Thoracic Oncology</i> , 2012, 7, 281-290.	1.1	126
8	Epidemiology of small intestinal atresia in Europe: a register-based study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2012, 97, F353-F358.	2.8	119
9	Reticulon 3-dependent ER-PM contact sites control EGFR nonclathrin endocytosis. <i>Science</i> , 2017, 356, 617-624.	12.6	118
10	Annoyance Judgment and Measurements of Environmental Noise: A Focus on Italian Secondary Schools. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 208.	2.6	117
11	Breast cancer metastases are molecularly distinct from their primary tumors. <i>Oncogene</i> , 2008, 27, 2148-2158.	5.9	116
12	The Serine Protease Inhibitor Protease Nexin-1 Controls Mammary Cancer Metastasis through LRP-1-Mediated MMP-9 Expression. <i>Cancer Research</i> , 2009, 69, 5690-5698.	0.9	116
13	A RAB5/RAB4 recycling circuitry induces a proteolytic invasive program and promotes tumor dissemination. <i>Journal of Cell Biology</i> , 2014, 206, 307-328.	5.2	114
14	The Fragile X Protein binds mRNAs involved in cancer progression and modulates metastasis formation. <i>EMBO Molecular Medicine</i> , 2013, 5, 1523-1536.	6.9	106
15	Distinct Molecular Signature of Inflammatory Breast Cancer by cDNA Microarray Analysis. <i>Breast Cancer Research and Treatment</i> , 2005, 93, 237-246.	2.5	104
16	Survival prediction of stage I lung adenocarcinomas by expression of 10 genes. <i>Journal of Clinical Investigation</i> , 2007, 117, 3436-3444.	8.2	103
17	CD73 Regulates Stemness and Epithelial-Mesenchymal Transition in Ovarian Cancer-Initiating Cells. <i>Stem Cell Reports</i> , 2018, 10, 1412-1425.	4.8	94
18	Transcription factor PREP1 induces EMT and metastasis by controlling the TGF-Î”SMAD3 pathway in non-small cell lung adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3775-84.	7.1	87

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19	Gene expression signature for angiogenic and nonangiogenic non-small-cell lung cancer. <i>Oncogene</i> , 2005, 24, 1212-1219.	5.9	83
20	Hypospadias Prevalence and Trends in International Birth Defect Surveillance Systems, 1980â€“2010. <i>European Urology</i> , 2019, 76, 482-490.	1.9	74
21	Lung Cancers Detected by Screening with Spiral Computed Tomography Have a Malignant Phenotype when Analyzed by cDNA Microarray. <i>Clinical Cancer Research</i> , 2004, 10, 6023-6028.	7.0	64
22	Epidemiology of multiple congenital anomalies in Europe: A EUROCAT populationâ€based registry study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 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. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 472, 567-577.	2.8	64
24	Immunohistochemistry 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. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1039-1049.	1.1	60
25	Major congenital anomalies in babies born with Down syndrome: A EUROCAT populationâ€based registry study. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 2979-2986.	1.2	57
26	Proteomic snapshot of the EGFâ€induced ubiquitin network. <i>Molecular Systems Biology</i> , 2011, 7, 462.	7.2	56
27	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. <i>Clinical Chemistry</i> , 2016, 62, 743-754.	3.2	53
28	Hirschsprung's disease prevalence in Europe: A register based study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 695-702.	1.6	52
29	Loss of the Actin Remodeler Eps8 Causes Intestinal Defects and Improved Metabolic Status in Mice. <i>PLoS ONE</i> , 2010, 5, e9468.	2.5	50
30	Circulating Cancer Biomarkers: The Macro-revolution of the Micro-RNA. <i>EBioMedicine</i> , 2016, 5, 4-6.	6.1	49
31	Regulation of ADL6 activity by its associated molecular network. <i>Plant Journal</i> , 2002, 31, 565-576.	5.7	48
32	Priority persistent contaminants in people dwelling in critical areas of Campania Region, Italy (SEBIOREC biomonitoring study). <i>Science of the Total Environment</i> , 2014, 487, 420-435.	8.0	46
33	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. <i>Journal of Clinical Investigation</i> , 2014, 124, 4335-4350.	8.2	46
34	Morphologic and molecular classification of lung neuroendocrine neoplasms. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 5-19.	2.8	44
35	Prep1 (pKnox1)â€deficiency leads to spontaneous tumor development in mice and accelerates E1/4Myc lymphomagenesis: A tumor suppressor role for Prep1. <i>Molecular Oncology</i> , 2010, 4, 126-134.	4.6	41
36	The EPIRARE proposal of a set of indicators and common data elements for the European platform for rare disease registration. <i>Archives of Public Health</i> , 2014, 72, 35.	2.4	41

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37	Differentiation-associated microRNAs antagonize the Rbâ€E2F pathway to restrict proliferation. <i>Journal of Cell Biology</i> , 2012, 199, 77-95.	5.2	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. <i>Public Health Genomics</i> , 2014, 17, 115-123.	1.0	39
39	Recent advances in the molecular landscape of lung neuroendocrine tumors. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 281-297.	3.1	38
40	miR-27a is a master regulator of metabolic reprogramming and chemoresistance in colorectal cancer. <i>British Journal of Cancer</i> , 2020, 122, 1354-1366.	6.4	38
41	An Aggressive Subtype of Stage I Lung Adenocarcinoma with Molecular and Prognostic Characteristics Typical of Advanced Lung Cancers. <i>Clinical Cancer Research</i> , 2017, 23, 62-72.	7.0	36
42	Selective high-level expression of epsin 3 in gastric parietal cells, where it is localized at endocytic sites of apical canaliculi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21511-21516.	7.1	33
43	The fragile X mental retardation protein regulates tumor invasiveness-related pathways in melanoma cells. <i>Cell Death and Disease</i> , 2017, 8, e3169-e3169.	6.3	33
44	Epidemiology of achondroplasia: A populationâ€based study in Europe. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1791-1798.	1.2	33
45	The Interplay between Colon Cancer Cells and Tumour-Associated Stromal Cells Impacts the Biological Clock and Enhances Malignant Phenotypes. <i>Cancers</i> , 2019, 11, 988.	3.7	32
46	Amelia: A multiâ€center descriptive epidemiologic study in a large dataset from the International Clearinghouse for Birth Defects Surveillance and Research, and overview of the literature. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2011, 157, 288-304.	1.6	31
47	Biomarkers and Lung Cancer Early Detection: State of the Art. <i>Cancers</i> , 2021, 13, 3919.	3.7	31
48	HOXB7 overexpression in lung cancer is a hallmark of acquired stem-like phenotype. <i>Oncogene</i> , 2018, 37, 3575-3588.	5.9	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. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2011, 157, 305-320.	1.6	27
50	Cyclopia: An epidemiologic study in a large dataset from the International Clearinghouse of Birth Defects Surveillance and Research. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2011, 157, 344-357.	1.6	26
51	Pulmonary adenocarcinoma with mucin production modulates phenotype according to common genetic traits: a reappraisal of mucinous adenocarcinoma and colloid adenocarcinoma. <i>Journal of Pathology: Clinical Research</i> , 2017, 3, 139-151.	3.0	22
52	Combined analysis of miR-200 family and its significance for breast cancer. <i>Scientific Reports</i> , 2021, 11, 2980.	3.3	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. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1834.	2.6	21
54	The health of communities living in proximity of geothermal plants generating heat and electricity: A review. <i>Science of the Total Environment</i> , 2020, 706, 135998.	8.0	20

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55	L1CAM promotes ovarian cancer stemness and tumor initiation via FGFR1/SRC/STAT3 signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 319.	8.6	20
56	Elevated Levels of Oxidative Stress as a Prognostic Predictor of Major Adverse Cardiovascular Events in Patients with Coronary Artery Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, .	2.0	19
57	Circulating and tissue biomarkers in early-stage non-small. <i>Ecancermedalscience</i> , 2017, 11, 717.	1.1	19
58	Estrogen receptor $\hat{\pm}$ L429 and A430 regulate 17 $\hat{\beta}$ -estradiol-induced cell proliferation via CREB1. <i>Cellular Signalling</i> , 2015, 27, 2380-2388.	3.6	18
59	Loss of circadian gene Timeless induces EMT and tumor progression in colorectal cancer via Zeb1-dependent mechanism. <i>Cell Death and Differentiation</i> , 2022, 29, 1552-1568.	11.2	18
60	The stem cell-associated transcription co-factor, ZNF521, interacts with GLI1 and GLI2 and enhances the activity of the Sonic hedgehog pathway. <i>Cell Death and Disease</i> , 2019, 10, 715.	6.3	17
61	A self-sustaining endocytic-based loop promotes breast cancer plasticity leading to aggressiveness and pro-metastatic behavior. <i>Nature Communications</i> , 2020, 11, 3020.	12.8	17
62	ecancermedalscience. <i>Ecancermedalscience</i> , 2012, 6, 246.	1.1	16
63	The Quality of Rare Disease Registries: Evaluation and Characterization. <i>Public Health Genomics</i> , 2016, 19, 108-115.	1.0	16
64	The challenge of small lung nodules identified in CT screening: can biomarkers assist diagnosis?. <i>Biomarkers in Medicine</i> , 2016, 10, 137-143.	1.4	16
65	In silico screening for ER $\hat{\pm}$ down modulators identifies thioridazine as an anti-proliferative agent in primary, 4OH-tamoxifen-resistant and Y537S ER $\hat{\pm}$ -expressing breast cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 677-686.	4.4	16
66	A Subset of Large Cell Neuroendocrine Carcinomas in the Gastroenteropancreatic Tract May Evolve from Pre-existing Well-Differentiated Neuroendocrine Tumors. <i>Endocrine Pathology</i> , 2021, 32, 396-407.	9.0	16
67	Seasonality of congenital anomalies in Europe. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 260-269.	1.6	14
68	Mortality and hospitalization associated to emissions of a coal power plant: A population-based cohort study. <i>Science of the Total Environment</i> , 2019, 694, 133757.	8.0	14
69	Ouabain and Digoxin Activate the Proteasome and the Degradation of the ER $\hat{\pm}$ in Cells Modeling Primary and Metastatic Breast Cancer. <i>Cancers</i> , 2020, 12, 3840.	3.7	14
70	A cancer-specific transcriptional signature in human neoplasia. <i>Journal of Clinical Investigation</i> , 2005, 115, 3015-3025.	8.2	14
71	Unbiased vs. biased approaches to the identification of cancer signatures: the case of lung cancer. <i>Cell Cycle</i> , 2008, 7, 729-734.	2.6	13
72	Unraveling the role of low-frequency mutated genes in breast cancer. <i>Bioinformatics</i> , 2019, 35, 36-46.	4.1	13

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73	Transcriptional and Metabolic Dissection of ATRA-Induced Granulocytic Differentiation in NB4 Acute Promyelocytic Leukemia Cells. <i>Cells</i> , 2020, 9, 2423.	4.1	12
74	MicroRNA expression profile in primary lung cancer cells lines obtained by endobronchial ultrasound transbronchial needle aspiration. <i>Journal of Thoracic Disease</i> , 2018, 10, 408-415.	1.4	11
75	Urinary Arsenic in Human Samples from Areas Characterized by Natural or Anthropogenic Pollution in Italy. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 299.	2.6	11
76	Non-Coding RNAs as Prognostic Biomarkers: A miRNA Signature Specific for Aggressive Early-Stage Lung Adenocarcinomas. <i>Non-coding RNA</i> , 2020, 6, 48.	2.6	11
77	Communication and Community Involvement to Support Risk Governance. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4356.	2.6	8
78	Aggressive early-stage lung adenocarcinoma is characterized by epithelial cell plasticity with acquirement of stem-like traits and immune evasion phenotype. <i>Oncogene</i> , 2021, 40, 4980-4991.	5.9	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. <i>Oncotarget</i> , 2016, 7, 37160-37176.	1.8	8
80	Assessment of health risks of policies. <i>Environmental Impact Assessment Review</i> , 2014, 48, 47-52.	9.2	7
81	Microarray profiling of L1-overexpressing endothelial cells reveals STAT3 activation via IL-6/IL-6R1 axis. <i>Genomics Data</i> , 2015, 4, 137-139.	1.3	7
82	Lung Cancer Early Detection: The Role of Circulating MicroRNAs. <i>EBioMedicine</i> , 2015, 2, 1278-1279.	6.1	7
83	Recent advances and current controversies in lung neuroendocrine neoplasms. <i>Seminars in Diagnostic Pathology</i> , 2021, 38, 90-97.	1.5	7
84	Integrated molecular profiling of patient-derived ovarian cancer models identifies clinically relevant signatures and tumor vulnerabilities. <i>International Journal of Cancer</i> , 2022, 151, 240-254.	5.1	7
85	Mining cancer gene expression databases for latent information on intronic microRNAs. <i>Molecular Oncology</i> , 2015, 9, 473-487.	4.6	6
86	Deciphering the Molecular Profile of Lung Cancer: New Strategies for the Early Detection and Prognostic Stratification. <i>Journal of Clinical Medicine</i> , 2019, 8, 108.	2.4	6
87	In silico prediction and experimental validation of natural antisense transcripts in two cancer-associated regions of human chromosome 6. <i>International Journal of Oncology</i> , 2009, 34, 1099-1108.	3.3	4
88	Molecular profile of liquid biopsies: next generation biomarkers to improve lung cancer treatment. <i>Ecancermedicalscience</i> , 2015, 9, 598.	1.1	4
89	Prevalence of valproate syndrome in Europe from 2005 to 2014: A registry based multi-centre study. <i>European Journal of Medical Genetics</i> , 2018, 61, 479-482.	1.3	3
90	SMARCA2 Deficiency While Preserving SMARCA4 and SMARCB1 in Lung Neuroendocrine Carcinomas. <i>Journal of Thoracic Oncology</i> , 2021, 16, e32-e35.	1.1	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.	8.2	1
92	The Fragile X Protein binds mRNA s involved in cancer progression and modulates metastasis formation. EMBO Molecular Medicine, 2014, 6, 567-568.	6.9	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.	1.6	0