Antonino Bruno

List of Publications by Year
in descending order

75 papers	3,722 citations	201674 27 h-index	155660 55 g-index
80 all docs	80 docs citations	80 times ranked	7146 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 Immunization Orchestrates the Amplification of IFNÎ³-Producing T Cell and NK Cell Persistence. Frontiers in Immunology, 2022, 13, 798813.	4.8	9
2	An Olive Oil Mill Wastewater Extract Improves Chemotherapeutic Activity Against Breast Cancer Cells While Protecting From Cardiotoxicity. Frontiers in Cardiovascular Medicine, 2022, 9, 867867.	2.4	7
3	Is DAT imaging abnormality in normal pressure hydrocephalus always suggestive of degeneration?. Neurological Sciences, 2021, 42, 723-726.	1.9	5
4	Natural Compounds of Marine Origin as Inducers of Immunogenic Cell Death (ICD): Potential Role for Cancer Interception and Therapy. Cells, 2021, 10, 231.	4.1	34
5	The dual role of Natural Killer cells during tumor progression and angiogenesis: Implications for tumor microenvironment-targeted immunotherapies. , 2021, , 305-347.		0
6	Abstract LT006: NK cells from prostate cancer patients acquire a pro-angiogenic phenotype and polarize macrophages towards a M2-like/TAM subset. , 2021, , .		1
7	Abstract 3159: Targeting the TGFÎ²/TIMP-1/2 axes to re-educate pro-inflammatory/pro angiogenic NK cells in cancer patients. , 2021, , .		0
8	A Polyphenol-Rich Extract of Olive Mill Wastewater Enhances Cancer Chemotherapy Effects, While Mitigating Cardiac Toxicity. Frontiers in Pharmacology, 2021, 12, 694762.	3.5	13
9	Preliminary Evidence for IL-10-Induced ACE2 mRNA Expression in Lung-Derived and Endothelial Cells: Implications for SARS-Cov-2 ARDS Pathogenesis. Frontiers in Immunology, 2021, 12, 718136.	4.8	18
10	TIMP1 and TIMP2 Downregulate TGFÎ²2 Induced Decidual-like Phenotype in Natural Killer Cells. Cancers, 2021, 13, 4955.	3.7	15
11	In Vitro Evaluation of Antioxidant Potential of the Invasive Seagrass Halophila stipulacea. Marine Drugs, 2021, 19, 37.	4.6	2
12	Immunogenicity of anti-SARS-CoV-2 Comirnaty vaccine in patients with lymphomas and myeloma who underwent autologous stem cell transplantation. Bone Marrow Transplantation, 2021, , .	2.4	11
13	Metabolic Rewiring in the Tumor Microenvironment to Support Immunotherapy: A Focus on Neutrophils, Polymorphonuclear Myeloid-Derived Suppressor Cells and Natural Killer Cells. Vaccines, 2021, 9, 1178.	4.4	5
14	Two Novel Ceramide-Like Molecules and miR-5100 Levels as Biomarkers Improve Prediction of Prostate Cancer in Gray-Zone PSA. Frontiers in Oncology, 2021, 11, 769158.	2.8	7
15	When a Friend Becomes Your Enemy: Natural Killer Cells in Atherosclerosis and Atherosclerosis-Associated Risk Factors. Frontiers in Immunology, 2021, 12, 798155.	4.8	17
16	Neutrophil and Natural Killer Cell Interactions in Cancers: Dangerous Liaisons Instructing Immunosuppression and Angiogenesis. Vaccines, 2021, 9, 1488.	4.4	9
17	Innate Immunity Effector Cells as Inflammatory Drivers of Cardiac Fibrosis. International Journal of Molecular Sciences, 2020, 21, 7165.	4.1	33
18	Immunological Drivers in Graves' Disease: NK Cells as a Master Switcher. Frontiers in Endocrinology, 2020, 11, 406.	3.5	23

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19	Cardiovascular Active Peptides of Marine Origin with ACE Inhibitory Activities: Potential Role as Anti-Hypertensive Drugs and in Prevention of SARS-CoV-2 Infection. International Journal of Molecular Sciences, 2020, 21, 8364.	4.1	14
20	PKHhigh/CD133+/CD24â^' Renal Stem-Like Cells Isolated from Human Nephrospheres Exhibit In Vitro Multipotency. Cells, 2020, 9, 1805.	4.1	4
21	Extracellular Vesicles from Skeletal Muscle Cells Efficiently Promote Myogenesis in Induced Pluripotent Stem Cells. Cells, 2020, 9, 1527.	4.1	15
22	The Ovarian Cancer Tumor Immune Microenvironment (TIME) as Target for Therapy: A Focus on Innate Immunity Cells as Therapeutic Effectors. International Journal of Molecular Sciences, 2020, 21, 3125.	4.1	76
23	Prostate Cancer Peripheral Blood NK Cells Show Enhanced CD9, CD49a, CXCR4, CXCL8, MMP-9 Production and Secrete Monocyte-Recruiting and Polarizing Factors. Frontiers in Immunology, 2020, 11, 586126.	4.8	40
24	Prostate cancer associated natural killer cells show a pro-angiogenic and pro-inflammatory phenotype.. Journal of Clinical Oncology, 2020, 38, e17544-e17544.	1.6	1
25	Abstract 1581: Prostate tumor associated NK cells (PTANKs) acquire the decidual-like/pro-angiogenic phenotype and polarize macrophages towards the M2-like/TAM subset. , 2020, , .		0
26	Abstract 1605: Extracellular vesicles from metastatic non-small cell lung cancer induce the angiogenic switch in natural killer cells. , 2020, , .		0
27	Nutraceuticals and "Repurposed" Drugs of Phytochemical Origin in Prevention and Interception of Chronic Degenerative Diseases and Cancer. Current Medicinal Chemistry, 2019, 26, 973-987.	2.4	19
28	Microalgal Derivatives as Potential Nutraceutical and Food Supplements for Human Health: A Focus on Cancer Prevention and Interception. Nutrients, 2019, 11, 1226.	4.1	168
29	Myeloid Derived Suppressor Cells Interactions With Natural Killer Cells and Pro-angiogenic Activities: Roles in Tumor Progression. Frontiers in Immunology, 2019, 10, 771.	4.8	146
30	Natural Killer Cells as Key Players of Tumor Progression and Angiogenesis: Old and Novel Tools to Divert Their Pro-Tumor Activities into Potent Anti-Tumor Effects. Cancers, 2019, 11, 461.	3.7	119
31	Acetyl-L-Carnitine downregulates invasion (CXCR4/CXCL12, MMP-9) and angiogenesis (VEGF, CXCL8) pathways in prostate cancer cells: rationale for prevention and interception strategies. Journal of Experimental and Clinical Cancer Research, 2019, 38, 464.	8.6	42
32	Downregulation of Pro-Inflammatory and Pro-Angiogenic Pathways in Prostate Cancer Cells by a Polyphenol-Rich Extract from Olive Mill Wastewater. International Journal of Molecular Sciences, 2019, 20, 307.	4.1	36
33	Abstract 5086: Acetyl-L-carnitine (ALCAR) inhibits angiogenesis, migration and macrophage recruitment in prostatic cancer cells. , 2019, , .		2
34	Abstract 4571: Pro-inflammatory and pro-angiogenic properties of tumor associated natural killer cells in prostate cancer. , 2019, , .		0
35	Abstract 4571: Pro-inflammatory and pro-angiogenic properties of tumor associated natural killer cells in prostate cancer. , 2019, , .		0
36	Abstract 5086: Acetyl-L-carnitine (ALCAR) inhibits angiogenesis, migration and macrophage recruitment in prostatic cancer cells. , 2019, , .		0

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37	Acetyl- l -carnitine is an anti-angiogenic agent targeting the VEGFR2 and CXCR4 pathways. Cancer Letters, 2018, 429, 100-116.	7.2	24
38	Anti-cancer Therapies Employing IL-2 Cytokine Tumor Targeting: Contribution of Innate, Adaptive and Immunosuppressive Cells in the Anti-tumor Efficacy. Frontiers in Immunology, 2018, 9, 2905.	4.8	92
39	Effects of Amorphous Calcium Phosphate Administration on Dental Sensitivity during In-Office and At-Home Interventions. Dentistry Journal, 2018, 6, 52.	2.3	10
40	Natural Killer Cells from Malignant Pleural Effusion Are Endowed with a Decidual-Like Proangiogenic Polarization. Journal of Immunology Research, 2018, 2018, 1-18.	2.2	43
41	Macrophage Polarization in Chronic Inflammatory Diseases: Killers or Builders?. Journal of Immunology Research, 2018, 2018, 1-25.	2.2	325
42	Angiogenin and the MMP9â€TIMP2 axis are upâ€regulated in proangiogenic, decidual NKâ€like cells from patients with colorectal cancer. FASEB Journal, 2018, 32, 5365-5377.	0.5	91
43	Serum Steroid Ratio Profiles in Prostate Cancer: A New Diagnostic Tool Toward a Personalized Medicine Approach. Frontiers in Endocrinology, 2018, 9, 110.	3.5	10
44	Contribution to Tumor Angiogenesis From Innate Immune Cells Within the Tumor Microenvironment: Implications for Immunotherapy. Frontiers in Immunology, 2018, 9, 527.	4.8	297
45	Abstract 121: Angiogenin and the mmp9-timp2 axis are strongly upregulated in pro-angigoenic dnk-like cells isolated from colorectal cancer patients. , 2018, , .		0
46	Synthesis and antiangiogenic activity study of new hop chalcone Xanthohumol analogues. European Journal of Medicinal Chemistry, 2017, 138, 890-899.	5.5	24
47	SANIST: optimization of a technology for compound identification based on the European Union directive with applications in forensic, pharmaceutical and food analyses. Journal of Mass Spectrometry, 2017, 52, 16-21.	1.6	17
48	Natural Killer Cells in the Orchestration of Chronic Inflammatory Diseases. Journal of Immunology Research, 2017, 2017, 1-13.	2.2	37
49	Abstract 5272: Chemopreventive activities of a polyphenol rich purified extract from olive oil processing on colon cancer cells. , 2017, , .		0
50	Systemic distribution of single-walled carbon nanotubes in a novel model: alteration of biochemical parameters, metabolic functions, liver accumulation, and inflammation in vivo. International Journal of Nanomedicine, 2016, Volume 11, 4299-4316.	6.7	43
51	Hop derived flavonoid xanthohumol inhibits endothelial cell functions via AMPK activation. Oncotarget, 2016, 7, 59917-59931.	1.8	28
52	Fenretinide (4-HPR) Targets Caspase-9, ERK 1/2 and the Wnt3a/Î²-Catenin Pathway in Medulloblastoma Cells and Medulloblastoma Cell Spheroids. PLoS ONE, 2016, 11, e0154111.	2.5	24
53	Potential chemopreventive activities of a polyphenol rich purified extract from olive mill wastewater on colon cancer cells. Journal of Functional Foods, 2016, 27, 236-248.	3.4	39
54	Tumour infiltrating (TINKs) and tumour associated (TANKs) natural killer cells: a new paradigm in colorectal cancer angiogenesis. European Journal of Cancer, 2016, 61, S216.	2.8	0

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55	Abstract 5262: Chemopreventive and angiopreventive activity of a purified polyphenol-rich extract from olive mill wastewaters. , 2016, , .		0
56	Abstract 3244: Tumor infiltrating (TINKs) and tumor-associated (TANKs) natural killer cells (TINKs): A new paradigm in colorectal cancer. , 2016, , .		0
57	Environmental impact of multi-wall carbon nanotubes in a novel model of exposure: systemic distribution, macrophage accumulation, and amyloid deposition. International Journal of Nanomedicine, 2015, 10, 6133.	6.7	28
58	Effects of 5-Fluorouracil on Morphology, Cell Cycle, Proliferation, Apoptosis, Autophagy and ROS Production in Endothelial Cells and Cardiomyocytes. PLoS ONE, 2015, 10, e0115686.	2.5	217
59	Biomarkers of cancer angioprevention for clinical studies. Ecancermedicalscience, 2015, 9, 600.	1.1	6
60	SANIST: a rapid mass spectrometric SACI/ESI data acquisition and elaboration platform for verifying potential candidate biomarkers. Rapid Communications in Mass Spectrometry, 2015, 29, 1703-1710.	1.5	18
61	N-O-Isopropyl Sulfonamido-Based Hydroxamates as Matrix Metalloproteinase Inhibitors: Hit Selection and in Vivo Antiangiogenic Activity. Journal of Medicinal Chemistry, 2015, 58, 7224-7240.	6.4	54
62	Cancer stem cells and the tumor microenvironment: interplay in tumor heterogeneity. Connective Tissue Research, 2015, 56, 414-425.	2.3	123
63	A PSA-guided approach for a better diagnosis of prostatic adenocarcinoma based on MALDI profiling and peptide identification. Clinica Chimica Acta, 2015, 439, 42-49.	1.1	14
64	Abstract 2367: Tumor-infiltrating (TINKs) and tumor-associated (TANKs) natural killer cells: a new player in the inflammatory orchestration of tumor angiogenesis in colon cancer. , 2015, , .		0
65	Orchestration of Angiogenesis by Immune Cells. Frontiers in Oncology, 2014, 4, 131.	2.8	99
66	Paradoxic effects of metformin on endothelial cells and angiogenesis. Carcinogenesis, 2014, 35, 1055-1066.	2.8	118
67	Inflammatory Angiogenesis and the Tumor Microenvironment as Targets for Cancer Therapy and Prevention. Cancer Treatment and Research, 2014, 159, 401-426.	0.5	33
68	A Think Tank of TINK/TANKs: Tumor-Infiltrating/Tumor-Associated Natural Killer Cells in Tumor Progression and Angiogenesis. Journal of the National Cancer Institute, 2014, 106, 1-13.	6.3	649
69	miR181b is induced by the chemopreventive polyphenol curcumin and inhibits breast cancer metastasis via downâ€regulation of the inflammatory cytokines CXCL1 and â€2. Molecular Oncology, 2014, 8, 581-595.	4.6	148
70	Drink your prevention: beverages with cancer preventive phytochemicals. Polish Archives of Internal Medicine, 2014, 124, 713-722.	0.4	22
71	Abstract 1010: Paradoxic effects of metformin on endothelial cells and angiogenesis. , 2014, , .		0
72	The Proangiogenic Phenotype of Natural Killer Cells in Patients with Non-Small Cell Lung Cancer. Neoplasia, 2013, 15, 133-IN7.	5.3	196

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73	Abstract 2303: Innate immunity driving tumor angiogenesis: the role of natural killer cells in non small cell lung cancer (NSCLC) .. , 2013, , .		0
74	Abstract A23: Metformin as a potent antiangiogenic factor: From diabetes to cancer angioprevention. , 2013, , .		0
75	The Angiogenic Switch: Role of Immune Cells. , 2011, , 57-75.		2