

Antonino Bruno

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Think Tank of TINK/TANKs: Tumor-Infiltrating/Tumor-Associated Natural Killer Cells in Tumor Progression and Angiogenesis. <i>Journal of the National Cancer Institute</i> , 2014, 106, 1-13.	6.3	649
2	Macrophage Polarization in Chronic Inflammatory Diseases: Killers or Builders?. <i>Journal of Immunology Research</i> , 2018, 2018, 1-25.	2.2	325
3	Contribution to Tumor Angiogenesis From Innate Immune Cells Within the Tumor Microenvironment: Implications for Immunotherapy. <i>Frontiers in Immunology</i> , 2018, 9, 527.	4.8	297
4	Effects of 5-Fluorouracil on Morphology, Cell Cycle, Proliferation, Apoptosis, Autophagy and ROS Production in Endothelial Cells and Cardiomyocytes. <i>PLoS ONE</i> , 2015, 10, e0115686.	2.5	217
5	The Proangiogenic Phenotype of Natural Killer Cells in Patients with Non-Small Cell Lung Cancer. <i>Neoplasia</i> , 2013, 15, 133-IN7.	5.3	196
6	Microalgal Derivatives as Potential Nutraceutical and Food Supplements for Human Health: A Focus on Cancer Prevention and Interception. <i>Nutrients</i> , 2019, 11, 1226.	4.1	168
7	miR181b is induced by the chemopreventive polyphenol curcumin and inhibits breast cancer metastasis via downregulation of the inflammatory cytokines CXCL1 and IL2. <i>Molecular Oncology</i> , 2014, 8, 581-595.	4.6	148
8	Myeloid Derived Suppressor Cells Interactions With Natural Killer Cells and Pro-angiogenic Activities: Roles in Tumor Progression. <i>Frontiers in Immunology</i> , 2019, 10, 771.	4.8	146
9	Cancer stem cells and the tumor microenvironment: interplay in tumor heterogeneity. <i>Connective Tissue Research</i> , 2015, 56, 414-425.	2.3	123
10	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. <i>Cancers</i> , 2019, 11, 461.	3.7	119
11	Paradoxical effects of metformin on endothelial cells and angiogenesis. <i>Carcinogenesis</i> , 2014, 35, 1055-1066.	2.8	118
12	Orchestration of Angiogenesis by Immune Cells. <i>Frontiers in Oncology</i> , 2014, 4, 131.	2.8	99
13	Anti-cancer Therapies Employing IL-2 Cytokine Tumor Targeting: Contribution of Innate, Adaptive and Immunosuppressive Cells in the Anti-tumor Efficacy. <i>Frontiers in Immunology</i> , 2018, 9, 2905.	4.8	92
14	Angiogenin and the MMP9/TIMP2 axis are upregulated in proangiogenic, decidual NK-like cells from patients with colorectal cancer. <i>FASEB Journal</i> , 2018, 32, 5365-5377.	0.5	91
15	The Ovarian Cancer Tumor Immune Microenvironment (TIME) as Target for Therapy: A Focus on Innate Immunity Cells as Therapeutic Effectors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3125.	4.1	76
16	N-Isopropyl Sulfonamido-Based Hydroxamates as Matrix Metalloproteinase Inhibitors: Hit Selection and in Vivo Antiangiogenic Activity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7224-7240.	6.4	54
17	Systemic distribution of single-walled carbon nanotubes in a novel model: alteration of biochemical parameters, metabolic functions, liver accumulation, and inflammation in vivo. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4299-4316.	6.7	43
18	Natural Killer Cells from Malignant Pleural Effusion Are Endowed with a Decidual-Like Proangiogenic Polarization. <i>Journal of Immunology Research</i> , 2018, 2018, 1-18.	2.2	43

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19	Acetyl-L-Carnitine downregulates invasion (CXCR4/CXCL12, MMP-9) and angiogenesis (VEGF, CXCL8) pathways in prostate cancer cells: rationale for prevention and interception strategies. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 464.	8.6	42
20	Prostate Cancer Peripheral Blood NK Cells Show Enhanced CD9, CD49a, CXCR4, CXCL8, MMP-9 Production and Secrete Monocyte-Recruiting and Polarizing Factors. <i>Frontiers in Immunology</i> , 2020, 11, 586126.	4.8	40
21	Potential chemopreventive activities of a polyphenol rich purified extract from olive mill wastewater on colon cancer cells. <i>Journal of Functional Foods</i> , 2016, 27, 236-248.	3.4	39
22	Natural Killer Cells in the Orchestration of Chronic Inflammatory Diseases. <i>Journal of Immunology Research</i> , 2017, 2017, 1-13.	2.2	37
23	Downregulation of Pro-Inflammatory and Pro-Angiogenic Pathways in Prostate Cancer Cells by a Polyphenol-Rich Extract from Olive Mill Wastewater. <i>International Journal of Molecular Sciences</i> , 2019, 20, 307.	4.1	36
24	Natural Compounds of Marine Origin as Inducers of Immunogenic Cell Death (ICD): Potential Role for Cancer Interception and Therapy. <i>Cells</i> , 2021, 10, 231.	4.1	34
25	Inflammatory Angiogenesis and the Tumor Microenvironment as Targets for Cancer Therapy and Prevention. <i>Cancer Treatment and Research</i> , 2014, 159, 401-426.	0.5	33
26	Innate Immunity Effector Cells as Inflammatory Drivers of Cardiac Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7165.	4.1	33
27	Environmental impact of multi-wall carbon nanotubes in a novel model of exposure: systemic distribution, macrophage accumulation, and amyloid deposition. <i>International Journal of Nanomedicine</i> , 2015, 10, 6133.	6.7	28
28	Hop derived flavonoid xanthohumol inhibits endothelial cell functions via AMPK activation. <i>Oncotarget</i> , 2016, 7, 59917-59931.	1.8	28
29	Fenretinide (4-HPR) Targets Caspase-9, ERK 1/2 and the Wnt3a/ β -Catenin Pathway in Medulloblastoma Cells and Medulloblastoma Cell Spheroids. <i>PLoS ONE</i> , 2016, 11, e0154111.	2.5	24
30	Synthesis and antiangiogenic activity study of new hop chalcone Xanthohumol analogues. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 890-899.	5.5	24
31	Acetyl-L-carnitine is an anti-angiogenic agent targeting the VEGFR2 and CXCR4 pathways. <i>Cancer Letters</i> , 2018, 429, 100-116.	7.2	24
32	Immunological Drivers in Graves' Disease: NK Cells as a Master Switcher. <i>Frontiers in Endocrinology</i> , 2020, 11, 406.	3.5	23
33	Drink your prevention: beverages with cancer preventive phytochemicals. <i>Polish Archives of Internal Medicine</i> , 2014, 124, 713-722.	0.4	22
34	Nutraceuticals and "Repurposed" Drugs of Phytochemical Origin in Prevention and Interception of Chronic Degenerative Diseases and Cancer. <i>Current Medicinal Chemistry</i> , 2019, 26, 973-987.	2.4	19
35	SANIST: a rapid mass spectrometric SACI/ESI data acquisition and elaboration platform for verifying potential candidate biomarkers. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1703-1710.	1.5	18
36	Preliminary Evidence for IL-10-Induced ACE2 mRNA Expression in Lung-Derived and Endothelial Cells: Implications for SARS-Cov-2 ARDS Pathogenesis. <i>Frontiers in Immunology</i> , 2021, 12, 718136.	4.8	18

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37	SANIST: optimization of a technology for compound identification based on the European Union directive with applications in forensic, pharmaceutical and food analyses. <i>Journal of Mass Spectrometry</i> , 2017, 52, 16-21.	1.6	17
38	When a Friend Becomes Your Enemy: Natural Killer Cells in Atherosclerosis and Atherosclerosis-Associated Risk Factors. <i>Frontiers in Immunology</i> , 2021, 12, 798155.	4.8	17
39	Extracellular Vesicles from Skeletal Muscle Cells Efficiently Promote Myogenesis in Induced Pluripotent Stem Cells. <i>Cells</i> , 2020, 9, 1527.	4.1	15
40	TIMP1 and TIMP2 Downregulate TGF β 2 Induced Decidual-like Phenotype in Natural Killer Cells. <i>Cancers</i> , 2021, 13, 4955.	3.7	15
41	A PSA-guided approach for a better diagnosis of prostatic adenocarcinoma based on MALDI profiling and peptide identification. <i>Clinica Chimica Acta</i> , 2015, 439, 42-49.	1.1	14
42	Cardiovascular Active Peptides of Marine Origin with ACE Inhibitory Activities: Potential Role as Anti-Hypertensive Drugs and in Prevention of SARS-CoV-2 Infection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8364.	4.1	14
43	A Polyphenol-Rich Extract of Olive Mill Wastewater Enhances Cancer Chemotherapy Effects, While Mitigating Cardiac Toxicity. <i>Frontiers in Pharmacology</i> , 2021, 12, 694762.	3.5	13
44	Immunogenicity of anti-SARS-CoV-2 Comirnaty vaccine in patients with lymphomas and myeloma who underwent autologous stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2021, .	2.4	11
45	Effects of Amorphous Calcium Phosphate Administration on Dental Sensitivity during In-Office and At-Home Interventions. <i>Dentistry Journal</i> , 2018, 6, 52.	2.3	10
46	Serum Steroid Ratio Profiles in Prostate Cancer: A New Diagnostic Tool Toward a Personalized Medicine Approach. <i>Frontiers in Endocrinology</i> , 2018, 9, 110.	3.5	10
47	Neutrophil and Natural Killer Cell Interactions in Cancers: Dangerous Liaisons Instructing Immunosuppression and Angiogenesis. <i>Vaccines</i> , 2021, 9, 1488.	4.4	9
48	SARS-CoV-2 Immunization Orchestrates the Amplification of IFN γ -Producing T Cell and NK Cell Persistence. <i>Frontiers in Immunology</i> , 2022, 13, 798813.	4.8	9
49	Two Novel Ceramide-Like Molecules and miR-5100 Levels as Biomarkers Improve Prediction of Prostate Cancer in Gray-Zone PSA. <i>Frontiers in Oncology</i> , 2021, 11, 769158.	2.8	7
50	An Olive Oil Mill Wastewater Extract Improves Chemotherapeutic Activity Against Breast Cancer Cells While Protecting From Cardiotoxicity. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 867867.	2.4	7
51	Biomarkers of cancer angioprevention for clinical studies. <i>Ecancermedicalscience</i> , 2015, 9, 600.	1.1	6
52	Is DAT imaging abnormality in normal pressure hydrocephalus always suggestive of degeneration?. <i>Neurological Sciences</i> , 2021, 42, 723-726.	1.9	5
53	Metabolic Rewiring in the Tumor Microenvironment to Support Immunotherapy: A Focus on Neutrophils, Polymorphonuclear Myeloid-Derived Suppressor Cells and Natural Killer Cells. <i>Vaccines</i> , 2021, 9, 1178.	4.4	5
54	PKHhigh/CD133+/CD24 $^{\sim}$ Renal Stem-Like Cells Isolated from Human Nephrospheres Exhibit In Vitro Multipotency. <i>Cells</i> , 2020, 9, 1805.	4.1	4

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55	In Vitro Evaluation of Antioxidant Potential of the Invasive Seagrass <i>Halophila stipulacea</i> . <i>Marine Drugs</i> , 2021, 19, 37.	4.6	2
56	The Angiogenic Switch: Role of Immune Cells. , 2011, , 57-75.		2
57	Abstract 5086: Acetyl-L-carnitine (ALCAR) inhibits angiogenesis, migration and macrophage recruitment in prostatic cancer cells. , 2019, , .		2
58	Abstract LT006: NK cells from prostate cancer patients acquire a pro-angiogenic phenotype and polarize macrophages towards a M2-like/TAM subset. , 2021, , .		1
59	Prostate cancer associated natural killer cells show a pro-angiogenic and pro-inflammatory phenotype.. <i>Journal of Clinical Oncology</i> , 2020, 38, e17544-e17544.	1.6	1
60	Tumour infiltrating (TINKs) and tumour associated (TANKs) natural killer cells: a new paradigm in colorectal cancer angiogenesis. <i>European Journal of Cancer</i> , 2016, 61, S216.	2.8	0
61	The dual role of Natural Killer cells during tumor progression and angiogenesis: Implications for tumor microenvironment-targeted immunotherapies. , 2021, , 305-347.		0
62	Abstract 3159: Targeting the TGF β /TIMP-1/2 axes to re-educate pro-inflammatory/pro angiogenic NK cells in cancer patients. , 2021, , .		0
63	Abstract 2303: Innate immunity driving tumor angiogenesis: the role of natural killer cells in non small cell lung cancer (NSCLC) .. , 2013, , .		0
64	Abstract A23: Metformin as a potent antiangiogenic factor: From diabetes to cancer angioprevention. , 2013, , .		0
65	Abstract 1010: Paradoxical effects of metformin on endothelial cells and angiogenesis. , 2014, , .		0
66	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
67	Abstract 5262: Chemopreventive and angiopreventive activity of a purified polyphenol-rich extract from olive mill wastewaters. , 2016, , .		0
68	Abstract 3244: Tumor infiltrating (TINKs) and tumor-associated (TANKs) natural killer cells (TINKs): A new paradigm in colorectal cancer. , 2016, , .		0
69	Abstract 5272: Chemopreventive activities of a polyphenol rich purified extract from olive oil processing on colon cancer cells. , 2017, , .		0
70	Abstract 121: Angiogenin and the mmp9-timp2 axis are strongly upregulated in pro-angiogenic dnk-like cells isolated from colorectal cancer patients. , 2018, , .		0
71	Abstract 4571: Pro-inflammatory and pro-angiogenic properties of tumor associated natural killer cells in prostate cancer. , 2019, , .		0
72	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

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73	Abstract 1605: Extracellular vesicles from metastatic non-small cell lung cancer induce the angiogenic switch in natural killer cells. , 2020, , .		0
74	Abstract 4571: Pro-inflammatory and pro-angiogenic properties of tumor associated natural killer cells in prostate cancer. , 2019, , .		0
75	Abstract 5086: Acetyl-L-carnitine (ALCAR) inhibits angiogenesis, migration and macrophage recruitment in prostatic cancer cells. , 2019, , .		0