

Roberto Bei

List of Publications by Year in descending order

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101
papers

5,127
citations

147801

31
h-index

98798

67
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102
all docs

102
docs citations

102
times ranked

7721
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	DNA Vaccination Against Rat Her-2/Neu p185 More Effectively Inhibits Carcinogenesis Than Transplantable Carcinomas in Transgenic BALB/c Mice. Journal of Immunology, 2000, 165, 5133-5142.	0.8	326
3	In Vitro and in Vivo Antitumoral Effects of Combinations of Polyphenols, or Polyphenols and Anticancer Drugs: Perspectives on Cancer Treatment. International Journal of Molecular Sciences, 2015, 16, 9236-9282.	4.1	265
4	Effects of Vitamin C on health: a review of evidence. Frontiers in Bioscience - Landmark, 2013, 18, 1017.	3.0	179
5	Dietary Flavonoids: Molecular Mechanisms of Action as Anti- Inflammatory Agents. Recent Patents on Inflammation and Allergy Drug Discovery, 2011, 5, 200-220.	3.6	138
6	<i>In vitro</i> and <i>in vivo</i> inhibition of breast cancer cell growth by targeting the Hedgehog/GLI pathway with SMO (GDC-0449) or GLI (GANT-61) inhibitors. Oncotarget, 2016, 7, 9250-9270.	1.8	112
7	The effects of dietary flavonoids on the regulation of redox inflammatory networks. Frontiers in Bioscience - Landmark, 2012, 17, 2396.	3.0	107
8	Sarcopenia and Fragility Fractures: Molecular and Clinical Evidence of the Bone-Muscle Interaction. Journal of Bone and Joint Surgery - Series A, 2015, 97, 429-437.	3.0	101
9	Frequent overexpression of multiple ErbB receptors by head and neck squamous cell carcinoma contrasts with rare antibody immunity in patients. Journal of Pathology, 2004, 204, 317-325.	4.5	93
10	Effects of Polyphenols on Oxidative Stress-Mediated Injury in Cardiomyocytes. Nutrients, 2017, 9, 523.	4.1	89
11	Resveratrol potentiates the <i>in vitro</i> and <i>in vivo</i> anti-tumoral effects of curcumin in head and neck carcinomas. Oncotarget, 2014, 5, 10745-10762.	1.8	88
12	A common repertoire of autoantibodies is shared by cancer and autoimmune disease patients: Inflammation in their induction and impact on tumor growth. Cancer Letters, 2009, 281, 8-23.	7.2	85
13	Response of cell cycle/stress-related protein expression and DNA damage upon treatment of CaCo2 cells with anthocyanins. British Journal of Nutrition, 2008, 100, 27-35.	2.3	75
14	Î²-Catenin accumulates in intercalated disks of hypertrophic cardiomyopathic hearts. Cardiovascular Research, 2003, 60, 376-387.	3.8	72
15	Co-localization of multiple ErbB receptors in stratified epithelium of oral squamous cell carcinoma. Journal of Pathology, 2001, 195, 343-348.	4.5	69
16	Curcumin blocks autophagy and activates apoptosis of malignant mesothelioma cell lines and increases the survival of mice intraperitoneally transplanted with a malignant mesothelioma cell line. Oncotarget, 2017, 8, 34405-34422.	1.8	69
17	Apigenin induces apoptosis and impairs head and neck carcinomas EGFR/ErbB2 signaling. Frontiers in Bioscience - Landmark, 2011, 16, 1060.	3.0	62
18	In Vitro and In Vivo Anti-tumoral Effects of the Flavonoid Apigenin in Malignant Mesothelioma. Frontiers in Pharmacology, 2017, 8, 373.	3.5	61

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19	Immune responses to all ErbB family receptors detectable in serum of cancer patients. <i>Oncogene</i> , 1999, 18, 1267-1275.	5.9	59
20	Polyphenols as Immunomodulatory Compounds in the Tumor Microenvironment: Friends or Foes?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1714.	4.1	54
21	Multifaceted Role of the Placental Growth Factor (PlGF) in the Antitumor Immune Response and Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2970.	4.1	53
22	Violacein, an indole-derived purple-colored natural pigment produced by <i>Janthinobacterium lividum</i> , inhibits the growth of head and neck carcinoma cell lines both in vitro and in vivo. <i>Tumor Biology</i> , 2016, 37, 3705-3717.	1.8	52
23	Biological effects of in vitro THz radiation exposure in human foetal fibroblasts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 793, 150-160.	1.7	50
24	Carcinoembryonic Antigen (CEA)-Based Cancer Vaccines: Recent Patents and Antitumor Effects from Experimental Models to Clinical Trials. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 7, 265-296.	1.6	45
25	Î±-Linolenic Acid-Enriched Diet Prevents Myocardial Damage and Expands Longevity in Cardiomyopathic Hamsters. <i>American Journal of Pathology</i> , 2006, 169, 1913-1924.	3.8	44
26	Immunity and malignant mesothelioma: From mesothelial cell damage to tumor development and immune response-based therapies. <i>Cancer Letters</i> , 2012, 322, 18-34.	7.2	42
27	Resveratrol and diallyl disulfide enhance curcumin-induced sarcoma cell apoptosis. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 498.	3.0	41
28	Caveolin-1 overexpression is associated with simultaneous abnormal expression of the E-cadherin/Î²-catenins complex and multiple erbb receptors and with lymph nodes metastasis in head and neck squamous cell carcinomas. <i>Journal of Cellular Physiology</i> , 2012, 227, 3344-3353.	4.1	40
29	Topical Use of Sucralfate in Epithelial Wound Healing: Clinical Evidence and Molecular Mechanisms of Action. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2010, 4, 25-36.	3.6	39
30	The Use of a Cationic Liposome Formulation (DOTAP) Mixed with a Recombinant Tumor-Associated Antigen to Induce Immune Responses and Protective Immunity in Mice. <i>Journal of Immunotherapy</i> , 1998, 21, 159-169.	2.4	38
31	Molecular Targets and Targeted Therapies for Malignant Mesothelioma. <i>Current Medicinal Chemistry</i> , 2008, 15, 855-867.	2.4	33
32	Tumor antigens heterogeneity and immune response-targeting neoantigens in breast cancer. <i>Seminars in Cancer Biology</i> , 2021, 72, 65-75.	9.6	33
33	Fracture healing: From basic science to role of nutrition. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1162.	3.0	31
34	Tendon's ultrastructure. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 2-6.	0.3	30
35	The Use of Temozolomide for the Treatment of Malignant Tumors: Clinical Evidence and Molecular Mechanisms of Action. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2010, 5, 172-187.	1.6	28
36	Inhibition of ErbB receptors, Hedgehog and NF-kappaB signaling by polyphenols in cancer. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 1290.	3.0	28

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37	Opsonin-Deficient Nucleoproteic Corona Endows UnPEGylated Liposomes with Stealth Properties <i>in Vivo</i> . <i>ACS Nano</i> , 2022, 16, 2088-2100.	14.6	28
38	Effect of the BH3 Mimetic Polyphenol (â€“)-Gossypol (AT-101) on the <i>in vitro</i> and <i>in vivo</i> Growth of Malignant Mesothelioma. <i>Frontiers in Pharmacology</i> , 2018, 9, 1269.	3.5	27
39	New Insights into Curcumin- and Resveratrol-Mediated Anti-Cancer Effects. <i>Pharmaceuticals</i> , 2021, 14, 1068.	3.8	27
40	Enhanced Immune Responses and Anti-Tumor Activity by Baculovirus Recombinant Carcinoembryonic Antigen (CEA) in Mice Primed with the Recombinant Vaccinia CEA. <i>Journal of Immunotherapy</i> , 1994, 16, 275.	2.4	26
41	Potassium increases the antitumor effects of ascorbic acid in breast cancer cell lines <i>in vitro</i> . <i>Oncology Letters</i> , 2016, 11, 4224-4234.	1.8	26
42	Human Endogenous Retrovirus K in the Crosstalk Between Cancer Cells Microenvironment and Plasticity: A New Perspective for Combination Therapy. <i>Frontiers in Microbiology</i> , 2018, 9, 1448.	3.5	26
43	Cancer stem cells from peritumoral tissue of glioblastoma multiforme: the possible missing link between tumor development and progression. <i>Oncotarget</i> , 2018, 9, 28116-28130.	1.8	26
44	Inhibition of Mek 1/2 kinase activity and stimulation of melanogenesis by 5,7-dimethoxycoumarin treatment of melanoma cells. <i>International Journal of Oncology</i> , 2009, 34, 1727-35.	3.3	25
45	Microfluidic Formulation of DNA-Loaded Multicomponent Lipid Nanoparticles for Gene Delivery. <i>Pharmaceutics</i> , 2021, 13, 1292.	4.5	25
46	Local delivery of recombinant vaccinia virus encoding for neu counteracts growth of mammary tumors more efficiently than systemic delivery in neu transgenic mice. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1247-1258.	4.2	24
47	TAA Polyepitope DNA-Based Vaccines: A Potential Tool for Cancer Therapy. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-12.	3.0	24
48	Study of the effects of 0.15 terahertz radiation on genome integrity of adult fibroblasts. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 476-487.	2.2	24
49	Polyphenol-Mediated Autophagy in Cancer: Evidence of <i>In Vitro</i> and <i>In Vivo</i> Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6635.	4.1	24
50	ErbB2 Immune Response in Breast Cancer Patients with Soluble Receptor Ectodomain. <i>American Journal of Pathology</i> , 2000, 156, 1417-1424.	3.8	23
51	A Polyepitope DNA Vaccine Targeted to Her-2/ErbB-2 Elicits a Broad Range of Human and Murine CTL Effectors to Protect against Tumor Challenge. <i>Cancer Research</i> , 2007, 67, 7028-7036.	0.9	23
52	The Potential Protective Effects of Polyphenols in Asbestos-Mediated Inflammation and Carcinogenesis of Mesothelium. <i>Nutrients</i> , 2016, 8, 275.	4.1	22
53	Nutlin-3a Enhances Natural Killer Cellâ€“Mediated Killing of Neuroblastoma by Restoring p53-Dependent Expression of Ligands for NKG2D and DNAM-1 Receptors. <i>Cancer Immunology Research</i> , 2021, 9, 170-183.	3.4	22
54	Stem cell activation sustains hereditary hypertrophy in hamster cardiomyopathy. <i>Journal of Pathology</i> , 2005, 205, 397-407.	4.5	21

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55	Immunity to Extracellular Matrix Antigens is Associated with Ultrastructural Alterations of the Stroma and Stratified Epithelium Basement Membrane in the Skin of Hashimoto's Thyroiditis Patients. <i>International Journal of Immunopathology and Pharmacology</i> , 2006, 19, 661-673.	2.1	21
56	(\hat{A}) \pm -Gossypol induces apoptosis and autophagy in head and neck carcinoma cell lines and inhibits the growth of transplanted salivary gland cancer cells in BALB/c mice. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 298-312.	2.8	21
57	PLGF Immunological Impact during Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8714.	4.1	21
58	Physical exercise modulates the level of serum MMP-2 and MMP-9 in patients with breast cancer. <i>Oncology Letters</i> , 2016, 12, 2119-2126.	1.8	19
59	Stillbirth and fetal capillary infection by SARS-CoV-2. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2022, 4, 100523.	2.6	19
60	Long-Lasting Tissue Inflammatory Processes Trigger Autoimmune Responses to Extracellular Matrix Molecules. <i>International Reviews of Immunology</i> , 2008, 27, 137-175.	3.3	18
61	Natural humoral immune response to ribosomal P0 protein in colorectal cancer patients. <i>Journal of Translational Medicine</i> , 2015, 13, 101.	4.4	18
62	Proteasome inhibition by bortezomib parallels a reduction in head and neck cancer cells growth, and an increase in tumor-infiltrating immune cells. <i>Scientific Reports</i> , 2021, 11, 19051.	3.3	18
63	Comparison of tissue transglutaminase 2 and bone biological markers osteocalcin, osteopontin and sclerostin expression in human osteoporosis and osteoarthritis. <i>Amino Acids</i> , 2017, 49, 683-693.	2.7	16
64	Spontaneous immunogenicity of ribosomal P0 protein in patients with benign and malignant breast lesions and delay of mammary tumor growth in P0 \hat{v} vaccinated mice. <i>Cancer Science</i> , 2011, 102, 509-515.	3.9	15
65	Intratumoral delivery of recombinant vaccinia virus encoding for ErbB2/Neu inhibits the growth of salivary gland carcinoma cells. <i>Journal of Translational Medicine</i> , 2014, 12, 122.	4.4	15
66	The crossroads between cancer immunity and autoimmunity antibodies to self antigens. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1289-1329.	3.0	15
67	<i>De novo</i> DHDDS variants cause a neurodevelopmental and neurodegenerative disorder with myoclonus. <i>Brain</i> , 2022, 145, 208-223.	7.6	15
68	PGE2 Released by Pancreatic Cancer Cells Undergoing ER Stress Transfers the Stress to DCs Impairing Their Immune Function. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 934-945.	4.1	15
69	Neurodegeneration in Niemann-Pick Type C Disease: An Updated Review on Pharmacological and Non-Pharmacological Approaches to Counteract Brain and Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6600.	4.1	15
70	Impaired Expression and Function of Signaling Pathway Enzymes by Anthocyanins: Role on Cancer Prevention and Progression. <i>Current Enzyme Inhibition</i> , 2009, 5, 184-197.	0.4	15
71	Large-Scale Profiling of Extracellular Vesicles Identified miR-625-5p as a Novel Biomarker of Immunotherapy Response in Advanced Non-Small Cell Lung Cancer Patients. <i>Cancers</i> , 2022, 14, 2435.	3.7	15
72	West Nile alternative open reading frame (N-NS4B/WARF4) is produced in infected West Nile Virus (WNV) cells and induces humoral response in WNV infected individuals. <i>Virology Journal</i> , 2012, 9, 283.	3.4	14

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73	Electrochemically Reduced Water Delays Mammary Tumors Growth in Mice and Inhibits Breast Cancer Cells Survival<i>In Vitro</i>. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-14.	1.2	14
74	Targeting the tumor immune microenvironment with "œnutraceuticals" From bench to clinical trials. , 2021, 219, 107700.		14
75	Genotoxic Effects in Human Fibroblasts Exposed to Microwave Radiation. Health Physics, 2018, 115, 126-139.	0.5	13
76	Poxvirus-Based Vaccines for Cancer Immunotherapy: New Insights from Combined Cytokines/Co-Stimulatory Molecules Delivery and "œUncommon" Strains. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 183-189.	1.7	13
77	Cell cycle arrest and differentiation induction by 5,7-dimethoxycoumarin in melanoma cell lines. International Journal of Oncology, 2008, 32, 425-34.	3.3	13
78	Infection by High-Risk Human Papillomaviruses, Epithelial-to-Mesenchymal Transition and Squamous Pre-Malignant or Malignant Lesions of the Uterine Cervix: A Series of Chained Events?. International Journal of Molecular Sciences, 2021, 22, 13543.	4.1	12
79	In vivo and in vitro inhibition of osteosarcoma growth by the pan Bcl-2 inhibitor AT-101. Investigational New Drugs, 2020, 38, 675-689.	2.6	11
80	Curcumin Enhances the Antitumoral Effect Induced by the Recombinant Vaccinia Neu Vaccine (rV-neuT) in Mice with Transplanted Salivary Gland Carcinoma Cells. Nutrients, 2020, 12, 1417.	4.1	11
81	Polyphenols affect the humoral response in cancer, infectious and allergic diseases and autoimmunity by modulating the activity of TH1 and TH2 cells. Current Opinion in Pharmacology, 2021, 60, 315-330.	3.5	11
82	Gene-specific inhibition of breast carcinoma in BALB-neuT mice by active immunization with rat Neu or human ErbB receptors. International Journal of Oncology, 2007, 30, 381-92.	3.3	11
83	Phenotypic and genetic spectrum of ATP6V1A encephalopathy: a disorder of lysosomal homeostasis. Brain, 2022, 145, 2687-2703.	7.6	11
84	Local radiotherapy increases the level of autoantibodies to ribosomal P0 protein but not to heat shock proteins, extracellular matrix molecules and EGFR/ErbB2 receptors in prostate cancer patients. Oncology Reports, 2013, 29, 1167-1174.	2.6	9
85	Rapid molecular detection and genotyping of West Nile Virus lineages 1 and 2 by real time PCR and melting curve analysis. Journal of Virological Methods, 2014, 207, 54-59.	2.1	9
86	Human Fibroblasts In Vitro Exposed to 2.45 GHz Continuous and Pulsed Wave Signals: Evaluation of Biological Effects with a Multimethodological Approach. International Journal of Molecular Sciences, 2020, 21, 7069.	4.1	9
87	Effects of omega-3 polyunsaturated fatty acids on cardiac myocyte protection. Frontiers in Bioscience - Landmark, 2011, 16, 1833.	3.0	7
88	Different continuous training modalities result in distinctive effects on muscle structure, plasticity and function. Biomedical Reports, 2020, 12, 267-275.	2.0	7
89	Alpha-fetoprotein is an autoantigen in hepatocellular carcinoma and juvenile Batten disease. Frontiers in Bioscience - Landmark, 2020, 25, 912-929.	3.0	6
90	Enhancement of Neuroblastoma NK-Cell-Mediated Lysis through NF-kB p65 Subunit-Induced Expression of FAS and PVR, the Loss of Which Is Associated with Poor Patient Outcome. Cancers, 2021, 13, 4368.	3.7	5

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91	Undifferentiated metastatic renal cell carcinoma presenting as a cutaneous nodular lesion. Turkish Journal of Urology, 2015, 41, 228-230.	1.3	5
92	Impaired Expression and Function of Cancer-Related Enzymes by Anthocyanins: An Update. Current Enzyme Inhibition, 2012, 8, 2-21.	0.4	4
93	Potential Prognostic and Diagnostic Application of a Novel Monoclonal Antibody Against Keratinocyte Growth Factor Receptor. Molecular Biotechnology, 2014, 56, 939-952.	2.4	4
94	The ribosomal P0 protein induces a spontaneous immune response in patients with head and neck advanced stage carcinoma that is not dependent on its overexpression in carcinomas. International Journal of Oncology, 2007, 31, 1301-8.	3.3	4
95	Combined treatment with inhibitors of ErbB Receptors and Hh signaling pathways is more effective than single treatment in reducing the growth of malignant mesothelioma both in vitro and in vivo. Journal of Translational Medicine, 2022, 20, .	4.4	4
96	High Sensitivity C-Reactive Protein Increases the Risk of Carotid Plaque Instability in Male Dyslipidemic Patients. Diagnostics, 2021, 11, 2117.	2.6	3
97	Intercalated disk remodeling in delta-sarcoglycan-deficient hamsters fed with an alpha-linolenic acid-enriched diet. International Journal of Molecular Medicine, 2008, 21, 41-8.	4.0	3
98	Biological Effects of 25 to 150 GHz Radiation After In Vitro Exposure of Human Fibroblasts: a Comparison of Experimental Results. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 899-911.	2.2	2
99	The ETS Homologous Factor (EHF) Represents a Useful Immunohistochemical Marker for Predicting Prostate Cancer Metastasis. Diagnostics, 2022, 12, 800.	2.6	2
100	Editorial: The Impact of Angiogenic Growth Factors and Hypoxia on the Antitumor Immune Response. Frontiers in Immunology, 2022, 13, 903105.	4.8	1
101	Effects of a natural multi-component compound formulation on the growth, morphology and extracellular matrix production of human adult dermal fibroblasts. Experimental and Therapeutic Medicine, 2019, 18, 2639-2647.	1.8	0