

Roberto Bei

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

5,127
citations

147801

31
h-index

98798

67
g-index

102
all docs

102
docs citations

102
times ranked

7721
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>De novo DHDDS</i> variants cause a neurodevelopmental and neurodegenerative disorder with myoclonus. <i>Brain</i> , 2022, 145, 208-223.	7.6	15
2	Stillbirth and fetal capillary infection by SARS-CoV-2. <i>American Journal of Obstetrics & Gynecology</i> MFM, 2022, 4, 100523.	2.6	19
3	Oponin-Deficient Nucleoproteic Corona Endows UnPEGylated Liposomes with Stealth Properties <i>In Vivo</i>. <i>ACS Nano</i> , 2022, 16, 2088-2100.	14.6	28
4	The ETS Homologous Factor (EHF) Represents a Useful Immunohistochemical Marker for Predicting Prostate Cancer Metastasis. <i>Diagnostics</i> , 2022, 12, 800.	2.6	2
5	Phenotypic and genetic spectrum of ATP6V1A encephalopathy: a disorder of lysosomal homeostasis. <i>Brain</i> , 2022, 145, 2687-2703.	7.6	11
6	Editorial: The Impact of Angiogenic Growth Factors and Hypoxia on the Antitumor Immune Response. <i>Frontiers in Immunology</i> , 2022, 13, 903105.	4.8	1
7	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
8	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. <i>Journal of Translational Medicine</i> , 2022, 20, .	4.4	4
9	Targeting the tumor immune microenvironment with œnutraceuticalsœ. From bench to clinical trials. , 2021, 219, 107700.		14
10	Nutlin-3a Enhances Natural Killer Cell-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
11	Tumor antigens heterogeneity and immune response-targeting neoantigens in breast cancer. <i>Seminars in Cancer Biology</i> , 2021, 72, 65-75.	9.6	33
12	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
13	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
14	Microfluidic Formulation of DNA-Loaded Multicomponent Lipid Nanoparticles for Gene Delivery. <i>Pharmaceutics</i> , 2021, 13, 1292.	4.5	25
15	Enhancement of Neuroblastoma NK-Cell-Mediated Lysis through NF-κB p65 Subunit-Induced Expression of FAS and PVR, the Loss of Which Is Associated with Poor Patient Outcome. <i>Cancers</i> , 2021, 13, 4368.	3.7	5
16	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
17	Polyphenols affect the humoral response in cancer, infectious and allergic diseases and autoimmunity by modulating the activity of TH1 and TH2 cells. <i>Current Opinion in Pharmacology</i> , 2021, 60, 315-330.	3.5	11
18	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 62 Td (edition)	9.1	1,430

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19	New Insights into Curcumin- and Resveratrol-Mediated Anti-Cancer Effects. <i>Pharmaceuticals</i> , 2021, 14, 1068.	3.8	27
20	High Sensitivity C-Reactive Protein Increases the Risk of Carotid Plaque Instability in Male Dyslipidemic Patients. <i>Diagnostics</i> , 2021, 11, 2117.	2.6	3
21	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?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13543.	4.1	12
22	In vivo and in vitro inhibition of osteosarcoma growth by the pan Bcl-2 inhibitor AT-101. <i>Investigational New Drugs</i> , 2020, 38, 675-689.	2.6	11
23	Human Fibroblasts In Vitro Exposed to 2.45 GHz Continuous and Pulsed Wave Signals: Evaluation of Biological Effects with a Multimethodological Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7069.	4.1	9
24	PlGF Immunological Impact during Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8714.	4.1	21
25	Polyphenol-Mediated Autophagy in Cancer: Evidence of In Vitro and In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6635.	4.1	24
26	Curcumin Enhances the Antitumoral Effect Induced by the Recombinant Vaccinia Neu Vaccine (rV-neuT) in Mice with Transplanted Salivary Gland Carcinoma Cells. <i>Nutrients</i> , 2020, 12, 1417.	4.1	11
27	Alpha-fetoprotein is an autoantigen in hepatocellular carcinoma and juvenile Batten disease. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 912-929.	3.0	6
28	Different continuous training modalities result in distinctive effects on muscle structure, plasticity and function. <i>Biomedical Reports</i> , 2020, 12, 267-275.	2.0	7
29	Effects of a natural multi-component compound formulation on the growth, morphology and extracellular matrix production of human adult dermal fibroblasts. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 2639-2647.	1.8	0
30	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
31	Polyphenols as Immunomodulatory Compounds in the Tumor Microenvironment: Friends or Foes?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1714.	4.1	54
32	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
33	Effect of the BH3 Mimetic Polyphenol (â€“)-Gossypol (AT-101) on the in vitro and in vivo Growth of Malignant Mesothelioma. <i>Frontiers in Pharmacology</i> , 2018, 9, 1269.	3.5	27
34	Electrochemically Reduced Water Delays Mammary Tumors Growth in Mice and Inhibits Breast Cancer Cells Survival In Vitro. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-14.	1.2	14
35	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
36	Genotoxic Effects in Human Fibroblasts Exposed to Microwave Radiation. <i>Health Physics</i> , 2018, 115, 126-139.	0.5	13

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37	Biological Effects of 25 to 150 GHz Radiation After In Vitro Exposure of Human Fibroblasts: a Comparison of Experimental Results. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 899-911.	2.2	2
38	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
39	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
40	(\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
41	In Vitro and In Vivo Anti-tumoral Effects of the Flavonoid Apigenin in Malignant Mesothelioma. <i>Frontiers in Pharmacology</i> , 2017, 8, 373.	3.5	61
42	Effects of Polyphenols on Oxidative Stress-Mediated Injury in Cardiomyocytes. <i>Nutrients</i> , 2017, 9, 523.	4.1	89
43	The crossroads between cancer immunity and autoimmunity antibodies to self antigens. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1289-1329.	3.0	15
44	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. <i>Oncotarget</i> , 2017, 8, 34405-34422.	1.8	69
45	The Potential Protective Effects of Polyphenols in Asbestos-Mediated Inflammation and Carcinogenesis of Mesothelium. <i>Nutrients</i> , 2016, 8, 275.	4.1	22
46	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
47	Potassium increases the antitumor effects of ascorbic acid in breast cancer cell lines in vitro. <i>Oncology Letters</i> , 2016, 11, 4224-4234.	1.8	26
48	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
49	In vitro and in vivo inhibition of breast cancer cell growth by targeting the Hedgehog/GLI pathway with SMO (GDC-0449) or GLI (GANT-61) inhibitors. <i>Oncotarget</i> , 2016, 7, 9250-9270.	1.8	112
50	Natural humoral immune response to ribosomal P0 protein in colorectal cancer patients. <i>Journal of Translational Medicine</i> , 2015, 13, 101.	4.4	18
51	In Vitro and in Vivo Antitumoral Effects of Combinations of Polyphenols, or Polyphenols and Anticancer Drugs: Perspectives on Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9236-9282.	4.1	265
52	Sarcopenia and Fragility Fractures: Molecular and Clinical Evidence of the Bone-Muscle Interaction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 429-437.	3.0	101
53	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
54	Undifferentiated metastatic renal cell carcinoma presenting as a cutaneous nodular lesion. <i>Turkish Journal of Urology</i> , 2015, 41, 228-230.	1.3	5

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55	Fracture healing: From basic science to role of nutrition. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1162.	3.0	31
56	Resveratrol potentiates the in vitro and in vivo anti-tumoral effects of curcumin in head and neck carcinomas. <i>Oncotarget</i> , 2014, 5, 10745-10762.	1.8	88
57	Rapid molecular detection and genotyping of West Nile Virus lineages 1 and 2 by real time PCR and melting curve analysis. <i>Journal of Virological Methods</i> , 2014, 207, 54-59.	2.1	9
58	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
59	Potential Prognostic and Diagnostic Application of a Novel Monoclonal Antibody Against Keratinocyte Growth Factor Receptor. <i>Molecular Biotechnology</i> , 2014, 56, 939-952.	2.4	4
60	Poxvirus-Based Vaccines for Cancer Immunotherapy: New Insights from Combined Cytokines/Co-Stimulatory Molecules Delivery and "Uncommon" Strains. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 183-189.	1.7	13
61	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. <i>Oncology Reports</i> , 2013, 29, 1167-1174.	2.6	9
62	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
63	Effects of Vitamin C on health: a review of evidence. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 1017.	3.0	179
64	Tendon's ultrastructure. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 2-6.	0.3	30
65	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
66	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
67	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
68	The effects of dietary flavonoids on the regulation of redox inflammatory networks. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 2396.	3.0	107
69	Resveratrol and diallyl disulfide enhance curcumin-induced sarcoma cell apoptosis. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 498.	3.0	41
70	Impaired Expression and Function of Cancer-Related Enzymes by Anthocyanins: An Update. <i>Current Enzyme Inhibition</i> , 2012, 8, 2-21.	0.4	4
71	Caveolin-1 overexpression is associated with simultaneous abnormal expression of the E-cadherin/β2 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
72	Effects of omega-3 polyunsaturated fatty acids on cardiac myocyte protection. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1833.	3.0	7

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73	Apigenin induces apoptosis and impairs head and neck carcinomas EGFR/ErbB2 signaling. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1060.	3.0	62
74	Spontaneous immunogenicity of ribosomal P0 protein in patients with benign and malignant breast lesions and delay of mammary tumor growth in PO α -vaccinated mice. <i>Cancer Science</i> , 2011, 102, 509-515.	3.9	15
75	Dietary Flavonoids: Molecular Mechanisms of Action as Anti- Inflammatory Agents. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2011, 5, 200-220.	3.6	138
76	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
77	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
78	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
79	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
80	A common repertoire of autoantibodies is shared by cancer and autoimmune disease patients: Inflammation in their induction and impact on tumor growth. <i>Cancer Letters</i> , 2009, 281, 8-23.	7.2	85
81	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
82	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
83	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
84	Molecular Targets and Targeted Therapies for Malignant Mesothelioma. <i>Current Medicinal Chemistry</i> , 2008, 15, 855-867.	2.4	33
85	Response of cell cycle/stress-related protein expression and DNA damage upon treatment of CaCo2 cells with anthocyanins. <i>British Journal of Nutrition</i> , 2008, 100, 27-35.	2.3	75
86	Intercalated disk remodeling in delta-sarcoglycan-deficient hamsters fed with an alpha-linolenic acid-enriched diet. <i>International Journal of Molecular Medicine</i> , 2008, 21, 41-8.	4.0	3
87	Cell cycle arrest and differentiation induction by 5,7-dimethoxycoumarin in melanoma cell lines. <i>International Journal of Oncology</i> , 2008, 32, 425-34.	3.3	13
88	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
89	Gene-specific inhibition of breast carcinoma in BALB-neuT mice by active immunization with rat Neu or human ErbB receptors. <i>International Journal of Oncology</i> , 2007, 30, 381-92.	3.3	11
90	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. <i>International Journal of Oncology</i> , 2007, 31, 1301-8.	3.3	4

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91	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
92	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
93	Stem cell activation sustains hereditary hypertrophy in hamster cardiomyopathy. <i>Journal of Pathology</i> , 2005, 205, 397-407.	4.5	21
94	Frequent overexpression of multiple ErbB receptors by head and neck squamous cell carcinoma contrasts with rare antibody immunity in patients. <i>Journal of Pathology</i> , 2004, 204, 317-325.	4.5	93
95	Î²-Catenin accumulates in intercalated disks of hypertrophic cardiomyopathic hearts. <i>Cardiovascular Research</i> , 2003, 60, 376-387.	3.8	72
96	Co-localization of multiple ErbB receptors in stratified epithelium of oral squamous cell carcinoma. <i>Journal of Pathology</i> , 2001, 195, 343-348.	4.5	69
97	DNA Vaccination Against Rat Her-2/Neu p185 More Effectively Inhibits Carcinogenesis Than Transplantable Carcinomas in Transgenic BALB/c Mice. <i>Journal of Immunology</i> , 2000, 165, 5133-5142.	0.8	326
98	ErbB2 Immune Response in Breast Cancer Patients with Soluble Receptor Ectodomain. <i>American Journal of Pathology</i> , 2000, 156, 1417-1424.	3.8	23
99	Immune responses to all ErbB family receptors detectable in serum of cancer patients. <i>Oncogene</i> , 1999, 18, 1267-1275.	5.9	59
100	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
101	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