

# Roberto Giovannoni

## List of Publications by Year in descending order

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61  
papers

2,012  
citations

279701

23  
h-index

254106

43  
g-index

64  
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64  
docs citations

64  
times ranked

3439  
citing authors

#	ARTICLE	IF	CITATIONS
1	News on immune checkpoint inhibitors as immunotherapy strategies in adult and pediatric solid tumors. <i>Seminars in Cancer Biology</i> , 2022, 79, 18-43.	4.3	35
2	CoCl <sub>2</sub> -Mimicked Endothelial Cell Hypoxia Induces Nucleotide Depletion and Functional Impairment That Is Reversed by Nucleotide Precursors. <i>Biomedicines</i> , 2022, 10, 1540.	1.4	3
3	Radiotherapy, Temozolomide, and Antiprogrammed Cell Death Protein 1 Treatments Modulate the Immune Microenvironment in Experimental High-Grade Glioma. <i>Neurosurgery</i> , 2021, 88, E205-E215.	0.6	17
4	Pro64His (rs4644) Polymorphism Within Galectin-3 Is a Risk Factor of Differentiated Thyroid Carcinoma and Affects the Transcriptome of Thyrocytes Engineered via CRISPR/Cas9 System. <i>Thyroid</i> , 2021, 31, 1056-1066.	2.4	3
5	The Glioblastoma Microenvironment: Morphology, Metabolism, and Molecular Signature of Glial Dynamics to Discover Metabolic Rewiring Sequence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3301.	1.8	33
6	p65BTK Is a Novel Biomarker and Therapeutic Target in Solid Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 690365.	1.8	7
7	Inhibition of plasminogen/plasmin system retrieves endogenous nerve growth factor and adaptive spinal synaptic plasticity following peripheral nerve injury. <i>Neurochemistry International</i> , 2021, 148, 105113.	1.9	8
8	BTK inhibitors synergise with 5-FU to treat drug-resistant TP53-null colon cancers. <i>Journal of Pathology</i> , 2020, 250, 134-147.	2.1	23
9	Rhabdomyosarcoma Cells Produce Their Own Extracellular Matrix With Minimal Involvement of Cancer-Associated Fibroblasts: A Preliminary Study. <i>Frontiers in Oncology</i> , 2020, 10, 600980.	1.3	8
10	Sperm-Mediated Genetic Modifications. <i>Methods in Molecular Biology</i> , 2020, 2066, 125-132.	0.4	0
11	Radiation dose-escalation and dose-fractionation modulate the immune microenvironment, cancer stem cells and vasculature in experimental high-grade gliomas. <i>Journal of Neurosurgical Sciences</i> , 2020, , .	0.3	10
12	HDL therapy today: from atherosclerosis, to stent compatibility to heart failure. <i>Annals of Medicine</i> , 2019, 51, 345-359.	1.5	26
13	p65BTK is a novel potential actionable target in KRAS-mutated/EGFR-wild type lung adenocarcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 260.	3.5	29
14	CHRNA2 and Nocturnal Frontal Lobe Epilepsy: Identification and Characterization of a Novel Loss of Function Mutation. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 17.	1.4	20
15	The 1ALCTL and 1BLCTL isoforms of Arg/Abl2 induce fibroblast activation and extra cellular matrix remodelling differently. <i>Biology Open</i> , 2019, 8, .	0.6	7
16	Specific Expression of a New Bruton Tyrosine Kinase Isoform (p65BTK) in the Glioblastoma Gemistocytic Histotype. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 2.	1.4	16
17	CT-2A neurospheres-derived high-grade glioma in mice: a new model to address tumor stem cells and immunosuppression. <i>Biology Open</i> , 2019, 8, .	0.6	12
18	CD73 Regulates Stemness and Epithelial-Mesenchymal Transition in Ovarian Cancer-Initiating Cells. <i>Stem Cell Reports</i> , 2018, 10, 1412-1425.	2.3	94

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19	The Role of Hydrogen Peroxide in Redox-Dependent Signaling: Homeostatic and Pathological Responses in Mammalian Cells. <i>Cells</i> , 2018, 7, 156.	1.8	182
20	A Novel KCNJ2 Mutation Identified in an Autistic Proband Affects the Single Channel Properties of Kir2.1. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 76.	1.8	21
21	APOA-1Milano muteins, orally delivered via genetically modified rice, show anti-atherogenic and anti-inflammatory properties in vitro and in Apoe atherosclerotic mice. <i>International Journal of Cardiology</i> , 2018, 271, 233-239.	0.8	11
22	Metronomic combination of Vinorelbine and 5Fluorouracil is able to inhibit triple-negative breast cancer cells. Results from the proof-of-concept VICTOR-0 study. <i>Oncotarget</i> , 2018, 9, 27448-27459.	0.8	20
23	Simultaneous overexpression of human E5NT and ENTPD1 protects porcine endothelial cells against H2O2-induced oxidative stress and cytotoxicity in vitro. <i>Free Radical Biology and Medicine</i> , 2017, 108, 320-333.	1.3	12
24	Thyrospheres from B-CPAP Cell Line with <i>BRAF</i> and <i>TERT</i> Promoter Mutations have Different Functional and Molecular Features than Parental Cells. <i>Journal of Cancer</i> , 2017, 8, 1629-1639.	1.2	9
25	Resveratrol Impairs Glioma Stem Cells Proliferation and Motility by Modulating the Wnt Signaling Pathway. <i>PLoS ONE</i> , 2017, 12, e0169854.	1.1	103
26	Is metronomic vinorelbine (mVRL) able to inhibit both HUVEC and triple-negative breast cancer (TNBC) cells? The proof-of-concept VICTOR-0 study.. <i>Journal of Clinical Oncology</i> , 2017, 35, e14014-e14014.	0.8	1
27	Abstract LB-282: Two different strategies of delivery CRISPR/Cas9 system to gene edit rs4644 SNP inLGALS3gene. , 2017, , .		0
28	The TGF- $\beta$ 2 pathway is activated by 5-fluorouracil treatment in drug resistant colorectal carcinoma cells. <i>Oncotarget</i> , 2016, 7, 22077-22091.	0.8	49
29	p65BTK targeting restores the apoptotic response to chemotherapy of p53-null drug-resistant colon cancer cells. <i>European Journal of Cancer</i> , 2016, 69, S140.	1.3	3
30	Platinum-Based Drugs and DNA Interactions Studied by Single-Molecule and Bulk Measurements. <i>Biophysical Journal</i> , 2016, 110, 2151-2161.	0.2	20
31	Unexpected frequency of genomic alterations in histologically normal colonic tissue from colon cancer patients. <i>Tumor Biology</i> , 2016, 37, 13831-13842.	0.8	8
32	A novel oncogenic BTK isoform is overexpressed in colon cancers and required for RAS-mediated transformation. <i>Oncogene</i> , 2016, 35, 4368-4378.	2.6	53
33	Circulating tumor cells and cholangiocarcinoma. <i>Hepatology</i> , 2016, 63, 23-25.	3.6	4
34	Co-expression of functional human Heme Oxygenase 1, Ecto-5'-Nucleotidase and ecto-nucleoside triphosphate diphosphohydrolase-1 by a self-cleaving 2A peptide system. <i>Plasmid</i> , 2015, 79, 22-29.	0.4	8
35	SCN4A mutation as modifying factor of Myotonic Dystrophy Type 2 phenotype. <i>Neuromuscular Disorders</i> , 2015, 25, 301-307.	0.3	39
36	A functional biological network centered on XRCC3: a new possible marker of chemoradiotherapy resistance in rectal cancer patients. <i>Cancer Biology and Therapy</i> , 2015, 16, 1160-1171.	1.5	49

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37	Simultaneous Overexpression of Functional Human HO-1, E5NT and ENTPD1 Protects Murine Fibroblasts against TNF- $\alpha$ -Induced Injury In Vitro. <i>PLoS ONE</i> , 2015, 10, e0141933.	1.1	10
38	Abstract B121: A novel oncogenic BTK isoform is overexpressed in colon cancers and required for RAS-mediated transformation. , 2015, , .		0
39	GSK3A Is Redundant with GSK3B in Modulating Drug Resistance and Chemotherapy-Induced Necroptosis. <i>PLoS ONE</i> , 2014, 9, e100947.	1.1	22
40	Functional Analysis of Expression of Human Ecto-Nucleoside Triphosphate Diphosphohydrolase-1 and/or Ecto-5 $\alpha$ -Nucleotidase in Pig Endothelial Cells. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2014, 33, 313-318.	0.4	7
41	Methods for Sperm-Mediated Gene Transfer. <i>Methods in Molecular Biology</i> , 2013, 927, 519-529.	0.4	21
42	Magnetic tweezers measurements of the nanomechanical stability of DNA against denaturation at various conditions of pH and ionic strength. <i>Nucleic Acids Research</i> , 2013, 41, 2009-2019.	6.5	42
43	Inhibition of GSK3B Bypass Drug Resistance of p53-Null Colon Carcinomas by Enabling Necroptosis in Response to Chemotherapy. <i>Clinical Cancer Research</i> , 2013, 19, 3820-3831.	3.2	79
44	Biliverdin Protects against Liver Ischemia Reperfusion Injury in Swine. <i>PLoS ONE</i> , 2013, 8, e69972.	1.1	32
45	Diet Induced Mild Hypercholesterolemia in Pigs: Local and Systemic Inflammation, Effects on Vascular Injury – Rescue by High-Dose Statin Treatment. <i>PLoS ONE</i> , 2013, 8, e80588.	1.1	29
46	Prevalence of Plasmid-Mediated Quinolone Resistance Genes in Uropathogenic <i>Escherichia coli</i> Isolated in a Teaching Hospital of Northern Italy. <i>Microbial Drug Resistance</i> , 2012, 18, 33-41.	0.9	15
47	Heme Oxygenase-1 Inhibition Prevents Intimal Hyperplasia Enhancing Nitric Oxide-Dependent Apoptosis of Vascular Smooth Muscle Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1204-1214.	0.6	11
48	AAV-mediated photoreceptor transduction of the pig cone-enriched retina. <i>Gene Therapy</i> , 2011, 18, 637-645.	2.3	77
49	Importance of nitric oxide synthase in the anchoring structures of <i>Neobenedenia girellae</i> – an important fish parasite. <i>Biochemical Systematics and Ecology</i> , 2011, 39, 841-845.	0.6	4
50	In Vitro Production of Multigene Transgenic Blastocysts via Sperm-Mediated Gene Transfer Allows Rapid Screening of Constructs to Be Used in Xenotransplantation Experiments. <i>Transplantation Proceedings</i> , 2010, 42, 2142-2145.	0.3	3
51	Head Glands of Monogeneoidea: Morphology, Functionality, and Potentialities in Industrial Production of Surgery Bioadhesives. <i>Journal of Parasitology</i> , 2009, 95, 1330-1341.	0.3	3
52	Sperm-mediated gene transfer – treated spermatozoa maintain good quality parameters and in vitro fertilization ability in swine. <i>Theriogenology</i> , 2009, 72, 1163-1170.	0.9	17
53	Pathogenetic role of hypercholesterolemia in a novel preclinical model of vascular injury in pigs. <i>Atherosclerosis</i> , 2009, 207, 384-390.	0.4	23
54	Reduction of hyperacute rejection and protection of metabolism and function in hearts of human decay accelerating factor (hDAF)-expressing pigs. <i>Cardiovascular Research</i> , 2007, 73, 143-152.	1.8	19

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55	Reactive astrocytosis and glial glutamate transporter clustering are early changes in a spinocerebellar ataxia type 1 transgenic mouse model. <i>Neuron Glia Biology</i> , 2007, 3, 335-351.	2.0	26
56	Sperm-mediated gene transfer. <i>Reproduction, Fertility and Development</i> , 2006, 18, 19.	0.1	108
57	Genetically modified pigs produced with a nonviral episomal vector. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17672-17677.	3.3	99
58	Multi-transgenic pigs expressing three fluorescent proteins produced with high efficiency by sperm mediated gene transfer. <i>Molecular Reproduction and Development</i> , 2005, 72, 68-76.	1.0	72
59	Carbon monoxide improves cardiac energetics and safeguards the heart during reperfusion after cardiopulmonary bypass in pigs. <i>FASEB Journal</i> , 2004, 18, 1093-1095.	0.2	108
60	Dual Control of Neurogenesis by PC3 through Cell Cycle Inhibition and Induction of Math1. <i>Journal of Neuroscience</i> , 2004, 24, 3355-3369.	1.7	80
61	Efficient production by sperm-mediated gene transfer of human decay accelerating factor (hDAF) transgenic pigs for xenotransplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14230-14235.	3.3	162