

# Luca Vannucci

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

2,353  
citations

236925

25  
h-index

214800

47  
g-index

75  
all docs

75  
docs citations

75  
times ranked

4045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Secretory IgA N-glycans contribute to the protection against E. coli O55 infection of germ-free piglets. <i>Mucosal Immunology</i> , 2021, 14, 511-522.	6.0	11
2	Immune activation by microbiome shapes the colon mucosa: Comparison between healthy rat mucosa under conventional and germ-free conditions. <i>Journal of Immunotoxicology</i> , 2021, 18, 37-49.	1.7	4
3	IL17A critically shapes the transcriptional program of fibroblasts in pancreatic cancer and switches on their protumorigenic functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
4	Spontaneous and Induced Tumors in Germ-Free Animals: A General Review. <i>Medicina (Lithuania)</i> , 2021, 57, 260.	2.0	4
5	Biological properties of andrographolide, an active ingredient of <i>Andrographis Paniculata</i> : a narrative review. <i>Annals of Translational Medicine</i> , 2021, 9, 1186-1186.	1.7	28
6	Trained Immunity as an Adaptive Branch of Innate Immunity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10684.	4.1	8
7	β-glucan as a new tool in vaccine development. <i>Scandinavian Journal of Immunology</i> , 2020, 91, e12833.	2.7	54
8	Lysyl oxidases: linking structures and immunity in the tumor microenvironment. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 223-235.	4.2	26
9	Biocompatibility of TiO2 prolate nanospheroids as a potential photosensitizer in therapy of cancer. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	5
10	Immunoactive polysaccharides produced by heterotrophic mutant of green microalga <i>Parachlorella kessleri</i> HY1 (Chlorellaceae). <i>Carbohydrate Polymers</i> , 2020, 246, 116588.	10.2	19
11	Celiac disease and gluten-free diet: past, present, and future. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2020, 13, 1-7.	0.6	20
12	Glucan and Its Role in Immunonutrition. , 2019, , 453-460.		1
13	New chalcone-sulfonamide hybrids exhibiting anticancer and antituberculosis activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 50-60.	5.5	56
14	Beta Glucan: Supplement or Drug? From Laboratory to Clinical Trials. <i>Molecules</i> , 2019, 24, 1251.	3.8	106
15	Research of Biological Effects of EM Field in Microwave Frequency Band. , 2019, , .		0
16	Immunity in cancer and atherosclerosis. <i>Annals of Translational Medicine</i> , 2019, 7, 204-204.	1.7	11
17	β-glucans and cholesterol (Review). <i>International Journal of Molecular Medicine</i> , 2018, 41, 1799-1808.	4.0	73
18	Local Treatment of Brain Tumors and the Blood-Brain Barrier. , 2018, , 193-210.		0

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19	Ex vivo dielectric properties of fat: influence of the experimental conditions on the measured data. , 2018, , .		1
20	Therapeutic potential of the vagus nerve in cancer. Immunology Letters, 2018, 202, 38-43.	2.5	34
21	Atherosclerosis as autoimmune disease. Annals of Translational Medicine, 2018, 6, 116-116.	1.7	52
22	The Effect of Selected Feed Mixtures on the Duodenal Morphology: Comparison Study. Physiological Research, 2018, 67, 955-962.	0.9	3
23	Abstract 4738: IL-17 induces myeloid-related stimulating factors by stromal cells. , 2018, , .		0
24	Inflammation as target in cancer therapy. Current Opinion in Pharmacology, 2017, 35, 57-65.	3.5	91
25	Development of a portable setup suitable for in vivo measurement of the dielectric properties of biological tissues. , 2017, , .		5
26	Biodistribution of upconversion/magnetic silica-coated NaGdF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> nanoparticles in mouse models. RSC Advances, 2017, 7, 45997-46006.	3.6	21
27	Influence of media type on heating of selected magnetic nanoparticles with time-harmonic magnetic fields. , 2017, , .		0
28	Lentian Properties in Anticancer Therapy: A Review on the Last 12-Year Literature. American Journal of Immunology, 2017, 13, 50-61.	0.1	15
29	Celiac Disease: A Short Overview about Immunological Aspects and Role of Microbiota. International Journal of Celiac Disease, 2016, 2, 144-149.	0.2	0
30	&lt;&gt;In Vivo&lt;/&gt; Targeting of Cutaneous Melanoma Using an Melanoma Stimulating Hormone-Engineered Human Protein Cage with Fluorophore and Magnetic Resonance Imaging Tracers. Journal of Biomedical Nanotechnology, 2015, 11, 81-92.	1.1	24
31	TGF<math>\beta</math>: A player on multiple fronts in the tumor microenvironment. Journal of Immunotoxicology, 2015, 12, 300-307.	1.7	44
32	Ambiguous effect of signals transmitted by the vagus nerve on fibrosarcoma incidence and survival of tumor-bearing rats. Neuroscience Letters, 2015, 593, 90-94.	2.1	4
33	Stroma as an Active Player in the Development of the Tumor Microenvironment. Cancer Microenvironment, 2015, 8, 159-166.	3.1	45
34	The Effects of Î²-Glucan on Pig Growth and Immunity. The Open Biochemistry Journal, 2014, 1, 89-93.	0.5	41
35	System for animal EM exposure with well defined dosimetry. , 2014, , .		1
36	Microbiome and Colorectal Carcinoma. Cancer Journal (Sudbury, Mass ), 2014, 20, 217-224.	2.0	49

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37	In vivo targeting of cutaneous melanoma using an MSH-engineered human protein cage bearing fluorophore and MRI tracers. <i>Journal of Translational Medicine</i> , 2014, 12, P6.	4.4	1
38	Expanded cryopreserved mesenchymal stromal cells as an optimal source for graft-versus-host disease treatment. <i>Biologicals</i> , 2014, 42, 139-144.	1.4	15
39	Collagen-induced arthritis: severity and immune response attenuation using multivalent N-acetyl glucosamine. <i>Clinical and Experimental Immunology</i> , 2014, 177, 121-133.	2.6	14
40	Effects of N-acetyl-glucosamine-coated glycodendrimers as biological modulators in the B16F10 melanoma model in vivo. <i>International Journal of Oncology</i> , 2014, 44, 1410-1410.	3.3	16
41	Multifunctional Protein-Based Nanoparticles for Cancer Theranosis. <i>Fundamental Biomedical Technologies</i> , 2014, , 231-253.	0.2	0
42	Effects of glucan on bone marrow. <i>Annals of Translational Medicine</i> , 2014, 2, 18.	1.7	0
43	Evaluation of tumor suppressor gene expressions and aberrant methylation in the colon of cancer-induced rats: a pilot study. <i>Molecular Biology Reports</i> , 2013, 40, 5921-5929.	2.3	2
44	The effects of $\beta$ -glucan on fish immunity. <i>North American Journal of Medical Sciences</i> , 2013, 5, 580.	1.7	92
45	Immunostimulatory properties and antitumor activities of glucans. <i>International Journal of Oncology</i> , 2013, 43, 357-364.	3.3	172
46	Characterization of three newly established rat sarcoma cell clones. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2012, 48, 610-618.	1.5	4
47	Selective targeting of melanoma by PEG-masked protein-based multifunctional nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 1489.	6.7	50
48	The role of gut microbiota (commensal bacteria) and the mucosal barrier in the pathogenesis of inflammatory and autoimmune diseases and cancer: contribution of germ-free and gnotobiotic animal models of human diseases. <i>Cellular and Molecular Immunology</i> , 2011, 8, 110-120.	10.5	594
49	Cancer immunology and colorectal cancer recurrence. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 1421.	2.1	3
50	Playing in three makes it simpler: Mapping the cognitive figure-ground framework onto cancer-immunology and immunotherapy (Review). <i>International Journal of Oncology</i> , 2010, 36, 1061-5.	3.3	2
51	Microwave applicator for hyperthermia treatment on in vivo melanoma model. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 285-292.	2.8	9
52	To suppress to rescue Changing the approach for recalling anticancer immune responses. <i>Frontiers in Bioscience - Scholar</i> , 2010, S2, 1189-1197.	2.1	3
53	Imaging of mouse experimental melanoma in vivo and ex vivo by combination of confocal and nonlinear microscopy. <i>Microscopy Research and Technique</i> , 2009, 72, 411-423.	2.2	15
54	NK cell-mediated cytotoxicity modulation by A2 adenosine receptor agonist in different mammalian species. <i>Folia Microbiologica</i> , 2009, 54, 364-368.	2.3	8

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55	Colorectal carcinoma: Importance of colonic environment for anti-cancer response and systemic immunity. <i>Journal of Immunotoxicology</i> , 2009, 6, 217-226.	1.7	18
56	Soluble recombinant CD69 receptors optimized to have an exceptional physical and chemical stability display prolonged circulation and remain intact in the blood of mice. <i>FEBS Journal</i> , 2008, 275, 5589-5606.	4.7	26
57	System to Study the Effects of Microwave Hyperthermia on In-vivo Melanoma Model. , 2008, , .		2
58	Applicator for In-vivo Experiments on Mice with Melanoma Tumour. , 2008, , .		0
59	Colorectal carcinogenesis in germ-free and conventionally reared rats: Different intestinal environments affect the systemic immunity. <i>International Journal of Oncology</i> , 2008, , .	3.3	55
60	Slot-Line Applicator for Microwave Hyperthermia. <i>Journal of Microwave Power and Electromagnetic Energy</i> , 2008, 43, 24-30.	0.8	0
61	Colorectal carcinogenesis in germ-free and conventionally reared rats: different intestinal environments affect the systemic immunity. <i>International Journal of Oncology</i> , 2008, 32, 609-17.	3.3	54
62	Evaluation of an equipment for cancer treatment using microwave hyperthermia. , 2007, , .		0
63	Technical Equipment for Research of Biological Effects of EM Field. , 2006, , .		0
64	Anticoagulant drugs increase natural killer cell activity in lung cancer. <i>Lung Cancer</i> , 2005, 47, 215-223.	2.0	39
65	Fluorescent Labelled Thiourea-Bridged Glycodendrons. <i>ChemBioChem</i> , 2004, 5, 445-452.	2.6	27
66	Cancer evolution and immunity in a rat colorectal carcinogenesis model. <i>International Journal of Oncology</i> , 2004, 25, 973-81.	3.3	4
67	Effects of N-acetyl-glucosamine-coated glycodendrimers as biological modulators in the B16F10 melanoma model in vivo. <i>International Journal of Oncology</i> , 2003, 23, 285-96.	3.3	16
68	Effects of D2-dopamine and $\alpha$ -adrenoceptor antagonists in stress induced changes on immune responsiveness of mice. <i>Journal of Neuroimmunology</i> , 2002, 130, 55-65.	2.3	25
69	Glycodendrimeric ligands of C-type lectin receptors as therapeutic agents in experimental cancer. <i>Advances in Experimental Medicine and Biology</i> , 2001, 495, 343-347.	1.6	26
70	Sulphation of hydroxybiphenyls in human tissues. <i>Xenobiotica</i> , 1991, 21, 1113-1118.	1.1	9
71	Profile of Drug-Metabolizing Enzymes in the Cortex and Medulla of the Human Kidney. <i>Pharmacology</i> , 1989, 39, 299-308.	2.2	26
72	Ras oncogene expression as a prognostic indicator in rectal adenocarcinoma. <i>Journal of Surgical Research</i> , 1988, 45, 15-20.	1.6	17

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73	A 5- to 21-Year Follow-up and Analysis of 250 Patients with Rectal Adenocarcinoma. <i>Annals of Surgery</i> , 1988, 208, 379.	4.2	123