Girolamo Ranieri

List of Publications by Year
in descending order

108 papers	3,961 citations	126907 33 h-index	138484 58 g-index
108 all docs	108 docs citations	108 times ranked	4262 citing authors

#	Article	IF	Citations
1	Bone marrow angiogenesis and progression in multiple myeloma. British Journal of Haematology, 1994, 87, 503-508.	2.5	580
2	Vascular Endothelial Growth Factor (VEGF) as a Target of Bevacizumab in Cancer: From the Biology to the Clinic. Current Medicinal Chemistry, 2006, 13, 1845-1857.	2.4	276
3	Mast Cells, Angiogenesis and Lymphangiogenesis in Human Gastric Cancer. International Journal of Molecular Sciences, 2019, 20, 2106.	4.1	145
4	Radiofrequency Ablation of 40 Lung Neoplasms: Preliminary Results. American Journal of Roentgenology, 2004, 183, 361-368.	2.2	109
5	Aquaporins in cancer. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1550-1553.	2.4	94
6	Tryptase, a novel angiogenic factor stored in mast cell granules. Experimental Cell Research, 2015, 332, 157-162.	2.6	90
7	High density of tryptaseâ€positive mast cells in human colorectal cancer: a poor prognostic factor related to proteaseâ€activated receptor 2 expression. Journal of Cellular and Molecular Medicine, 2013, 17, 1025-1037.	3.6	80
8	Tryptase-positive mast cells correlate with angiogenesis in early breast cancer patients. International Journal of Oncology, 2009, 35, 115-20.	3.3	79
9	Masitinib (AB1010), from canine tumor model to human clinical development: Where we are?. Critical Reviews in Oncology/Hematology, 2014, 91, 98-111.	4.4	76
10	Tissue remodelling in breast cancer: human mast cell tryptase as an initiator of myofibroblast differentiation. Histopathology, 2011, 58, 1096-1106.	2.9	75
11	Lenalidomide Restrains Motility and Overangiogenic Potential of Bone Marrow Endothelial Cells in Patients with Active Multiple Myeloma. Clinical Cancer Research, 2011, 17, 1935-1946.	7.0	75
12	The Role of Angiogenesis in Human Non-Hodgkin Lymphomas. Neoplasia, 2013, 15, 231-238.	5.3	70
13	The Crowded Crosstalk between Cancer Cells and Stromal Microenvironment in Gynecological Malignancies: Biological Pathways and Therapeutic Implication. International Journal of Molecular Sciences, 2019, 20, 2401.	4.1	67
14	VEGF, HIF-1Î± Expression and MVD as an Angiogenic Network in Familial Breast Cancer. PLoS ONE, 2013, 8, e53070.	2.5	64
15	Trans-arterial chemoembolization as a therapy for liver tumours: New clinical developments and suggestions for combination with angiogenesis inhibitors. Critical Reviews in Oncology/Hematology, 2011, 80, 40-53.	4.4	63
16	Correlation between Serum Tryptase, Mast Cells Positive to Tryptase and Microvascular Density in Colo-Rectal Cancer Patients: Possible Biological-Clinical Significance. PLoS ONE, 2014, 9, e99512.	2.5	59
17	Tryptase and chymase are angiogenic in vivo in the chorioallantoic membrane assay. International Journal of Developmental Biology, 2011, 55, 99-102.	0.6	58
18	Mast Cell Positivity to Tryptase Correlates with Metastatic Lymph Nodes in Gastrointestinal Cancer Patients Treated Surgically. Oncology, 2013, 85, 111-116.	1.9	57

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19	Pazopanib a tyrosine kinase inhibitor with strong anti-angiogenetic activity: A new treatment for metastatic soft tissue sarcoma. Critical Reviews in Oncology/Hematology, 2014, 89, 322-329.	4.4	57
20	Serum tryptase, mast cells positive to tryptase and microvascular density evaluation in early breast cancer patients: possible translational significance. BMC Cancer, 2014, 14, 534.	2.6	56
21	Mast Cell-Targeted Strategies in Cancer Therapy. Transfusion Medicine and Hemotherapy, 2016, 43, 109-113.	1.6	53
22	Targeting Mast Cells Tryptase in Tumor Microenvironment: A Potential Antiangiogenetic Strategy. BioMed Research International, 2014, 2014, 1-16.	1.9	52
23	Unresectable Lung Malignancy: Combination Therapy with Segmental Pulmonary Arterial Chemoembolization with Drug-eluting Microspheres and Radiofrequency Ablation in 17 Patients. Radiology, 2013, 267, 627-637.	7.3	48
24	Possible biological and translational significance of mast cells density in colorectal cancer. World Journal of Gastroenterology, 2014, 20, 8910-20.	3.3	46
25	Microvessel density, mast cell density and thymidine phosphorylase expression in oral squamous carcinoma. International Journal of Oncology, 2002, 21, 1317-23.	3.3	46
26	The dog mast cell tumour as a model to study the relationship between angiogenesis, mast cell density and tumour malignancy. Oncology Reports, 2003, 10, 1189-93.	2.6	46
27	Vascular endothelial growth factor and tryptase changes after chemoembolization in hepatocarcinoma patients. World Journal of Gastroenterology, 2015, 21, 6018-6025.	3.3	42
28	Classical and non-classical proangiogenic factors as a target of antiangiogenic therapy in tumor microenvironment. Cancer Letters, 2016, 380, 216-226.	7.2	42
29	C-Kit Expression, Angiogenesis, and Grading in Canine Mast Cell Tumour: A Unique Model to Study C-Kit Driven Human Malignancies. BioMed Research International, 2014, 2014, 1-8.	1.9	39
30	Tryptase-positive mast cells and angiogenesis in keloids: a new possible post-surgical target for prevention. Updates in Surgery, 2013, 65, 53-57.	2.0	38
31	Sorafenib and locoregional deep electro-hyperthermia in advanced hepatocellular carcinoma: A phase II study. Oncology Letters, 2014, 8, 1783-1787.	1.8	38
32	Extracellular Vesicles and Epigenetic Modifications Are Hallmarks of Melanoma Progression. International Journal of Molecular Sciences, 2020, 21, 52.	4.1	38
33	Mast Cells Density Positive to Tryptase Correlates with Angiogenesis in Pancreatic Ductal Adenocarcinoma Patients Having Undergone Surgery. Gastroenterology Research and Practice, 2014, 2014, 1-7.	1.5	37
34	Microvessel density, mast cell density and thymidine phosphorylase expression in oral squamous carcinoma. International Journal of Oncology, 2002, 21, 1317.	3.3	35
35	Tyrosine kinase inhibitors (TKIs) in human and pet tumours with special reference to breast cancer: A comparative review. Critical Reviews in Oncology/Hematology, 2013, 88, 293-308.	4.4	35
36	Mast Cells Positive to Tryptase and c-Kit Receptor Expressing Cells Correlates with Angiogenesis in Gastric Cancer Patients Surgically Treated. Gastroenterology Research and Practice, 2013, 2013, 1-5.	1.5	35

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37	Yttrium-90 (90Y) in the principal radionuclide therapies: An efficacy correlation between peptide receptor radionuclide therapy, radioimmunotherapy and transarterial radioembolization therapy. Ten years of experience (1999â€“2009). Critical Reviews in Oncology/Hematology, 2011, 80, 393-410.	4.4	33
38	Possible Prognostic and Therapeutic Significance of c-Kit Expression, Mast Cell Count and Microvessel Density in Renal Cell Carcinoma. International Journal of Molecular Sciences, 2014, 15, 13060-13076.	4.1	32
39	Vascular endothelial growth factor concentrations from platelets correlate with tumor angiogenesis and grading in a spontaneous canine non-Hodgkin lymphoma model. Leukemia and Lymphoma, 2010, 51, 291-296.	1.3	31
40	Infiltrating Mast Cells Correlate with Angiogenesis in Bone Metastases from Gastric Cancer Patients. International Journal of Molecular Sciences, 2015, 16, 3237-3250.	4.1	31
41	Tumourâ€associated macrophages correlate with microvascular bed extension in colorectal cancer patients. Journal of Cellular and Molecular Medicine, 2016, 20, 1373-1380.	3.6	30
42	Tumor-Associated Macrophages and Mast Cells Positive to Tryptase Are Correlated with Angiogenesis in Surgically-Treated Gastric Cancer Patients. International Journal of Molecular Sciences, 2018, 19, 1176.	4.1	30
43	Inflammatory Cells in Diffuse Large B Cell Lymphoma. Journal of Clinical Medicine, 2020, 9, 2418.	2.4	29
44	Peripheral Neuropathy under Oncologic Therapies: A Literature Review on Pathogenetic Mechanisms. International Journal of Molecular Sciences, 2021, 22, 1980.	4.1	29
45	Endothelial area and microvascular density in a canine non-Hodgkin's lymphoma: an interspecies model of tumor angiogenesis. Leukemia and Lymphoma, 2005, 46, 1639-1643.	1.3	28
46	Tumor endothelial markers as a target in cancer. Expert Opinion on Therapeutic Targets, 2012, 16, 1215-1225.	3.4	28
47	Anesthetic Strategies in Oncological Surgery: Not Only a Simple Sleep, but Also Impact on Immunosuppression and Cancer Recurrence . Cancer Management and Research, 2020, Volume 12, 931-940.	1.9	28
48	Circulating Levels of VEGF and CXCL1 Are Predictive of Metastatic Organotropismin in Patients with Colorectal Cancer. Anticancer Research, 2017, 37, 4867-4871.	1.1	28
49	Oxaliplatin-Based Intra-arterial Chemotherapy in Colo-Rectal Cancer Liver Metastases: A Review from Pharmacology to Clinical Application. Cancers, 2019, 11, 141.	3.7	26
50	Mast Cells Density Positive to Tryptase Correlate with Microvascular Density in both Primary Gastric Cancer Tissue and Loco-Regional Lymph Node Metastases from Patients That Have Undergone Radical Surgery. International Journal of Molecular Sciences, 2016, 17, 1905.	4.1	24
51	Mast cells positive to tryptase and tumour-associated macrophages correlate with angiogenesis in locally advanced colorectal cancer patients undergone to surgery. Expert Opinion on Therapeutic Targets, 2016, 20, 533-540.	3.4	24
52	Molecular targeting agents associated with transarterial chemoembolization or radiofrequency ablation in hepatocarcinoma treatment. World Journal of Gastroenterology, 2014, 20, 486.	3.3	21
53	Vascular endothelial growth factor assessment in different blood fractions of gastrointestinal cancer patients and healthy controls. Oncology Reports, 2004, 11, 435-9.	2.6	21
54	Targeting mast cells in gastric cancer with special reference to bone metastases. World Journal of Gastroenterology, 2015, 21, 10493.	3.3	20

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55	Novel strategies in the treatment of castration-resistant prostate cancer (Review). International Journal of Oncology, 2012, 40, 1313-20.	3.3	19
56	Tryptase serum levels in patients suffering from hepatocellular carcinoma undergoing intra-arterial chemoembolization: Possible predictive role of response to treatment. Molecular and Clinical Oncology, 2013, 1, 385-389.	1.0	19
57	Pathophysiological Consequences of KATP Channel Overactivity and Pharmacological Response to Glibenclamide in Skeletal Muscle of a Murine Model of CantÃ¹ Syndrome. Frontiers in Pharmacology, 2020, 11, 604885.	3.5	19
58	The dog mast cell tumour as a model to study the relationship between angiogenesis, mast cell density and tumour malignancy. Oncology Reports, 0, , .	2.6	19
59	Microvascular density and endothelial area correlate with Ki-67 proliferative index in surgically-treated pancreatic ductal adenocarcinoma patients. Oncology Letters, 2015, 10, 967-971.	1.8	18
60	The density of mast cells c-Kit+ and tryptase+ correlates with each other and with angiogenesis in pancreatic cancer patients. Oncotarget, 2017, 8, 70463-70471.	1.8	18
61	Single-step therapy -- feasibility and safety of simultaneous transarterial chemoembolization and radiofrequency ablation for hepatic malignancies. In Vivo, 2009, 23, 813-20.	1.3	18
62	Hepatic Arterial Infusion of Chemotherapy for Advanced Hepatobiliary Cancers: State of the Art. Cancers, 2021, 13, 3091.	3.7	16
63	C-Kit receptor and tryptase expressing mast cells correlate with angiogenesis in breast cancer patients. Oncotarget, 2018, 9, 7918-7927.	1.8	16
64	PARP inhibitors and epithelial ovarian cancer: Molecular mechanisms, clinical development and future prospective (Review). Oncology Letters, 2020, 20, 1-1.	1.8	16
65	Microvascular density and endothelial area correlate with Ki-67 proliferative rate in the canine non-Hodgkin's lymphoma spontaneous model. Leukemia and Lymphoma, 2006, 47, 1138-1143.	1.3	15
66	A pilot study employing hepatic intra-arterial irinotecan injection of drug-eluting beads as salvage therapy in liver metastatic colorectal cancer patients without extrahepatic involvement: the first southern Italy experience. OncoTargets and Therapy, 2016, Volume 9, 7527-7535.	2.0	15
67	Tyrosine-Kinase Inhibitors Therapies with Mainly Anti-Angiogenic Activity in Advanced Renal Cell Carcinoma: Value of PET/CT in Response Evaluation. International Journal of Molecular Sciences, 2017, 18, 1937.	4.1	15
68	Vascular endothelial growth factor assessment in different blood fractions of gastrointestinal cancer patients and healthy controls. Oncology Reports, 0, , .	2.6	15
69	Differential expression of two ICAMâ€1 epitopes and LFAâ€1 chains in Bâ€cell nonâ€Hodgkin's lymphomas. European Journal of Haematology, 1994, 53, 85-92.	2.2	14
70	Editorial [Hot Topic: Targeting Tumor Angiogenesis: An Update (Guest Editor: Girolamo Ranieri)]. Current Medicinal Chemistry, 2012, 19, 937-937.	2.4	14
71	Mast cells positive to tryptase, endothelial cells positive to protease-activated receptor-2, and microvascular density correlate among themselves in hepatocellular carcinoma patients who have undergone surgery. OncoTargets and Therapy, 2016, Volume 9, 4465-4471.	2.0	14
72	Bevacizumab-Based Chemotherapy Combined with Regional Deep Capacitive Hyperthermia in Metastatic Cancer Patients: A Pilot Study. International Journal of Molecular Sciences, 2017, 18, 1458.	4.1	14

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73	Thymidine Phosphorylase Expression and Microvascular Density Correlation Analysis in Canine Mammary Tumor: Possible Prognostic Factor in Breast Cancer. Frontiers in Veterinary Science, 2019, 6, 368.	2.2	14
74	Bevacizumab Plus FOLFOX-4 Combined With Deep Electro-Hyperthermia as First-line Therapy in Metastatic Colon Cancer: A Pilot Study. Frontiers in Oncology, 2020, 10, 590707.	2.8	14
75	Targeting Endothelial Progenitor Cells in Cancer as a Novel Biomarker and Anti-Angiogenic Therapy. Current Stem Cell Research and Therapy, 2015, 10, 181-187.	1.3	14
76	Vascular endothelial growth factor concentrations in the plasma-activated platelets rich (P-APR) of healthy controls and colorectal cancer patients. Oncology Reports, 2004, 12, 817-20.	2.6	14
77	Mast Cells Positive for c-Kit Receptor and Tryptase Correlate with Angiogenesis in Cancerous and Adjacent Normal Pancreatic Tissue. Cells, 2021, 10, 444.	4.1	13
78	Thymidine Phosphorylase Profiles in Nonmalignant and Malignant Pancreatic Tissue. Potential Therapeutic Role of Capecitabine on Tumoral and Endothelial Cells and Tumor-Infiltrating Macrophages. Immunopharmacology and Immunotoxicology, 2005, 27, 95-107.	2.4	12
79	New Frontiers in Promoting TRAIL-Mediated Cell Death: Focus on Natural Sensitizers, miRNAs, and Nanotechnological Advancements. Cell Biochemistry and Biophysics, 2016, 74, 3-10.	1.8	12
80	Mitochondrial Dysfunctions in Type I Endometrial Carcinoma: Exploring Their Role in Oncogenesis and Tumor Progression. International Journal of Molecular Sciences, 2018, 19, 2076.	4.1	12
81	An evaluation of masitinib for treating systemic mastocytosis. Expert Opinion on Pharmacotherapy, 2019, 20, 1539-1550.	1.8	11
82	Expression of Proto-Oncogene C-Kit and Correlation with Morphological Evaluations in Canine Cutaneous Mast Cell Tumors. Immunopharmacology and Immunotoxicology, 2008, 30, 609-621.	2.4	10
83	In vivo model for mastocytosis: A comparative review. Critical Reviews in Oncology/Hematology, 2015, 93, 159-169.	4.4	10
84	Tryptase mast cell density, protease-activated receptor-2 microvascular density, and classical microvascular density evaluation in gastric cancer patients undergoing surgery: possible translational relevance. Therapeutic Advances in Gastroenterology, 2017, 10, 353-360.	3.2	10
85	Loco-Regional and Systemic Chemotherapies for Hepato-Pancreatic Tumors: Integrated Treatments. Cancers, 2020, 12, 2737.	3.7	10
86	Complete response in a patient with liver metastases from breast cancer employing hepatic arterial infusion 5-fluorouracil based chemotherapy plus systemic nab-paclitaxel. Oncotarget, 2018, 9, 8197-8203.	1.8	9
87	Pharmacotherapy in Mast Cell Leukemia. Expert Opinion on Pharmacotherapy, 2020, 21, 1059-1069.	1.8	9
88	BRCAmut and â€œfounder effectâ€• a prospective study in a single academic institution. Oncotarget, 2018, 9, 22353-22358.	1.8	9
89	H pyloristatus and angiogenesis factors in human gastric carcinoma. World Journal of Gastroenterology, 2006, 12, 5465.	3.3	9
90	A Unique Case of Eccrine Porocarcinoma with Pulmonary Lymphangitis and Pericardial Involvement: Biological Characterization and Clinical Aggressiveness. Oncology, 2000, 59, 190-195.	1.9	8

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91	Surrogate Markers of Angiogenesis and Metastasis. , 2001, 57, 99-113.		8
92	Drug Targets to Pro-Angiogenetic Factors with Special Reference to Primary Peritoneal Mesothelioma. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2006, 6, 271-277.	1.2	8
93	Microvascular Density, Endothelial Area, and Ki-67 Proliferative Index Correlate Each Other in Cat Post-Injection Fibrosarcoma. Cells, 2021, 10, 31.	4.1	8
94	Intra-Arterial Infusion Chemotherapy in Advanced Pancreatic Cancer: A Comprehensive Review. Cancers, 2022, 14, 450.	3.7	8
95	Development of Vasculature Targeting Strategies for the Treatment of Chronic Inflammatory Diseases. Inflammation and Allergy: Drug Targets, 2005, 4, 13-22.	3.1	7
96	Vascular endothelial growth factor concentrations in the plasma-activated platelets rich (P-APR) of healthy controls and colorectal cancer patients. Oncology Reports, 0, , .	2.6	7
97	Inflammatory Related Reactions in Humans and in Canine Breast Cancers, A Spontaneous Animal Model of Disease. Frontiers in Pharmacology, 2022, 13, 752098.	3.5	6
98	Thymidine Phosphorylase (Platelet-Derived Endothelial Cell Growth Factor) as a Target for Capecitabine: From Biology to the Bedside. Recent Patents on Anti-Cancer Drug Discovery, 2006, 1, 171-183.	1.6	5
99	Biological Basis of Tumor Angiogenesis and Therapeutic Intervention: Past, Present, and Future. International Journal of Molecular Sciences, 2018, 19, 1655.	4.1	5
100	Restoring TRAIL Induced Apoptosis Using Naturopathy. Hercules Joins Hand with Nature to Triumph Over Lernaean Hydra. Current Genomics, 2016, 18, 27-338.	1.6	4
101	A Patient With Stage III Locally Advanced Pancreatic Adenocarcinoma Treated With Intra-Arterial Infusion FOLFIRINOX: Impressive Tumoral Response and Death due to Legionella pneumophila Infection: A Unique Case Report. Frontiers in Oncology, 2022, 12, 877334.	2.8	2
102	F-FDG PET/CT in therapy response and in predicting responders or non-responders in malignant pleural mesothelioma patients, by using semi-quantitative mRECIST and EORTC criteria. Hellenic Journal of Nuclear Medicine, 2018, 21, 191-197.	0.3	2
103	Is serum tryptase level a novel biomarker in colorectal cancer patients?. Journal of Clinical Oncology, 2012, 30, e21134-e21134.	1.6	1
104	Mast cells positive to c-kit receptor and to tryptase in normal to cancer pancreatic tissue and the correlation with angiogenesis.. Journal of Clinical Oncology, 2020, 38, e16502-e16502.	1.6	1
105	Targeting Tumour Vascularization from Bench to Bedside: Suggestions for Combination with Hyperthermia. , 2009, , 203-219.		1
106	A case report of cryoablation and electrochemotherapy in kidney cancer. Medicine (United States), 2021, 100, e27730.	1.0	1
107	18F-FCH and 90Y PET/CT data for the early evaluation of HCC radioembolisation. Clinical and Translational Imaging, 2018, 6, 357-367.	2.1	0
108	Is tryptase a novel serum bio-marker predictive of radical surgery in colo-rectal cancer patients?. Journal of Clinical Oncology, 2013, 31, e22104-e22104.	1.6	0