Gilda Varricchi

List of Publications by Year
in descending order

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121 papers	6,032 citations	57752 44 h-index	88628 70 g-index
125 all docs	125 docs citations	125 times ranked	7970 citing authors

#	Article	IF	Citations
1	Are Mast Cells MASTers in Cancer?. Frontiers in Immunology, 2017, 8, 424.	4.8	243
2	Cardiotoxicity of immune checkpoint inhibitors. ESMO Open, 2017, 2, e000247.	4.5	186
3	Eosinophils: The unsung heroes in cancer?. OncoImmunology, 2018, 7, e1393134.	4.6	184
4	A Critical Evaluation of Anti-IL-13 and Anti-IL-4 Strategies in Severe Asthma. International Archives of Allergy and Immunology, 2016, 170, 122-131.	2.1	164
5	Interleukin-5 pathway inhibition in the treatment of eosinophilic respiratory disorders. Current Opinion in Allergy and Clinical Immunology, 2016, 16, 186-200.	2.3	152
6	Mast Cells, Angiogenesis and Lymphangiogenesis in Human Gastric Cancer. International Journal of Molecular Sciences, 2019, 20, 2106.	4.1	145
7	Angiogenesis and lymphangiogenesis in inflammatory skin disorders. Journal of the American Academy of Dermatology, 2015, 73, 144-153.	1.2	141
8	Immune and Inflammatory Cells in Thyroid Cancer Microenvironment. International Journal of Molecular Sciences, 2019, 20, 4413.	4.1	140
9	Thymic Stromal Lymphopoietin Isoforms, Inflammatory Disorders, and Cancer. Frontiers in Immunology, 2018, 9, 1595.	4.8	133
10	Human mast cells and basophilsâ€"How are they similar how are they different?. Immunological Reviews, 2018, 282, 8-34.	6.0	124
11	VEGF-A in Cardiomyocytes and Heart Diseases. International Journal of Molecular Sciences, 2020, 21, 5294.	4.1	121
12	The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. European Journal of Heart Failure, 2018, 20, 445-459.	7.1	118
13	Antineoplastic Drug-Induced Cardiotoxicity: A Redox Perspective. Frontiers in Physiology, 2018, 9, 167.	2.8	118
14	Roles of neutrophils in cancer growth and progression. Journal of Leukocyte Biology, 2018, 103, 457-464.	3.3	113
15	The Intriguing Role of Interleukin 13 in the Pathophysiology of Asthma. Frontiers in Pharmacology, 2019, 10, 1387.	3.5	104
16	Immune Checkpoint Inhibitors and Cardiac Toxicity: An Emerging Issue. Current Medicinal Chemistry, 2018, 25, 1327-1339.	2.4	99
17	Human lung-resident macrophages express CB1 and CB2 receptors whose activation inhibits the release of angiogenic and lymphangiogenic factors. Journal of Leukocyte Biology, 2016, 99, 531-540.	3.3	98
18	From Molecular Mechanisms to Clinical Management of Antineoplastic Drug-Induced Cardiovascular Toxicity: A Translational Overview. Antioxidants and Redox Signaling, 2019, 30, 2110-2153.	5.4	96

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19	Mast cells and basophils in inflammatory and tumor angiogenesis and lymphangiogenesis. European Journal of Pharmacology, 2016, 778, 146-151.	3.5	95
20	The role of mobile health technologies in allergy care: An EAACI position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 259-272.	5.7	95
21	Innate effector cells in angiogenesis and lymphangiogenesis. Current Opinion in Immunology, 2018, 53, 152-160.	5.5	92
22	Complex roads from genotype to phenotype in dilated cardiomyopathy: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 1287-1303.	3.8	91
23	Nasal allergen-neutralizing IgG4 antibodies block IgE-mediated responses: Novel biomarker of subcutaneous grass pollen immunotherapy. Journal of Allergy and Clinical Immunology, 2019, 143, 1067-1076.	2.9	90
24	The immune network in thyroid cancer. OncoImmunology, 2016, 5, e1168556.	4.6	88
25	Bidirectional Mast Cellâ€“Eosinophil Interactions in Inflammatory Disorders and Cancer. Frontiers in Medicine, 2017, 4, 103.	2.6	88
26	Cardiac Toxicity of Immune Checkpoint Inhibitors. Circulation, 2017, 136, 1989-1992.	1.6	83
27	Future Needs in Mast Cell Biology. International Journal of Molecular Sciences, 2019, 20, 4397.	4.1	83
28	T follicular helper (T_{fh}) cells in normal immune responses and in allergic disorders. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1086-1094.	5.7	82
29	Physiological Roles of Mast Cells: Collegium Internationale Allergologicum Update 2019. International Archives of Allergy and Immunology, 2019, 179, 247-261.	2.1	75
30	Neutrophil extracellular traps in cancer. Seminars in Cancer Biology, 2022, 79, 91-104.	9.6	75
31	The Pleiotropic Immunomodulatory Functions of IL-33 and Its Implications in Tumor Immunity. Frontiers in Immunology, 2018, 9, 2601.	4.8	74
32	Heterogeneity of Human Mast Cells With Respect to MRGPRX2 Receptor Expression and Function. Frontiers in Cellular Neuroscience, 2019, 13, 299.	3.7	71
33	Controversial role of mast cells in skin cancers. Experimental Dermatology, 2017, 26, 11-17.	2.9	69
34	The Immune Landscape of Thyroid Cancer in the Context of Immune Checkpoint Inhibition. International Journal of Molecular Sciences, 2019, 20, 3934.	4.1	69
35	Tezepelumab: a novel biological therapy for the treatment of severe uncontrolled asthma. Expert Opinion on Investigational Drugs, 2019, 28, 931-940.	4.1	68
36	Group V Secreted Phospholipase A2 Induces the Release of Proangiogenic and Antiangiogenic Factors by Human Neutrophils. Frontiers in Immunology, 2017, 8, 443.	4.8	65

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37	Anti-Interleukin 5 (IL-5) and IL-5Ra Biological Drugs: Efficacy, Safety, and Future Perspectives in Severe Eosinophilic Asthma. Frontiers in Medicine, 2017, 4, 135.	2.6	65
38	Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 1273-1280.	3.8	64
39	Molecular targets of tyrosine kinase inhibitors in thyroid cancer. Seminars in Cancer Biology, 2022, 79, 180-196.	9.6	64
40	New insight in endocrine-related adverse events associated to immune checkpoint blockade. Best Practice and Research in Clinical Endocrinology and Metabolism, 2020, 34, 101370.	4.7	60
41	Basophils: Historical Reflections and Perspectives. Chemical Immunology and Allergy, 2014, 100, 172-192.	1.7	55
42	Potential involvement of neutrophils in human thyroid cancer. PLoS ONE, 2018, 13, e0199740.	2.5	54
43	Omalizumab in patients with eosinophilic granulomatosis with polyangiitis: a 36-month follow-up study. Journal of Asthma, 2016, 53, 201-206.	1.7	50
44	Prostaglandin D₂receptor antagonists in allergic disorders: safety, efficacy, and future perspectives. Expert Opinion on Investigational Drugs, 2019, 28, 73-84.	4.1	50
45	Cardiac Toxicity in Patients Treated With Immune Checkpoint Inhibitors. Journal of the American College of Cardiology, 2018, 71, 1765-1767.	2.8	49
46	Cardiac Mast Cells: Underappreciated Immune Cells in Cardiovascular Homeostasis and Disease. Trends in Immunology, 2020, 41, 734-746.	6.8	49
47	Innate Immune Modulation by GM-CSF and IL-3 in Health and Disease. International Journal of Molecular Sciences, 2019, 20, 834.	4.1	48
48	Elderly at time of COronaVIrus disease 2019 (COVID-19): possible role of immunosenescence and malnutrition. GeroScience, 2020, 42, 1089-1092.	4.6	48
49	Elevated plasma levels of vascular permeability factors in C1 inhibitorâ€deficient hereditary angioedema. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 989-996.	5.7	46
50	Anaplastic Thyroid Cancer Cells Induce the Release of Mitochondrial Extracellular DNA Traps by Viable Neutrophils. Journal of Immunology, 2020, 204, 1362-1372.	0.8	45
51	Metabolic Checkpoints in Rheumatoid Arthritis. Frontiers in Physiology, 2020, 11, 347.	2.8	41
52	Personalized Medicine in Allergy. Allergy, Asthma and Immunology Research, 2017, 9, 15.	2.9	40
53	Heart Failure and Cancer: Mechanisms of Old and New Cardiotoxic Drugs in Cancer Patients. Cardiac Failure Review, 2019, 5, 112-118.	3.0	39
54	Superantigenic Activation of Human Cardiac Mast Cells. International Journal of Molecular Sciences, 2019, 20, 1828.	4.1	39

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55	Neutrophil Extracellular Traps, Angiogenesis and Cancer. Biomedicines, 2022, 10, 431.	3.2	39
56	Therapeutic interventions in severe asthma. World Allergy Organization Journal, 2016, 9, 40.	3.5	38
57	GM-CSF and IL-3 Modulate Human Monocyte TNF-Î± Production and Renewal in In Vitro Models of Trained Immunity. Frontiers in Immunology, 2017, 7, 680.	4.8	38
58	Cardiovascular Toxicity of Immune Checkpoint Inhibitors: Clinical Risk Factors. Current Oncology Reports, 2021, 23, 13.	4.0	38
59	Reslizumab and Eosinophilic Asthma: One Step Closer to Precision Medicine?. Frontiers in Immunology, 2017, 8, 242.	4.8	37
60	Is There a Role for Basophils in Cancer?. Frontiers in Immunology, 2020, 11, 2103.	4.8	37
61	The emerging role of T follicular helper (TFH) cells in aging: Influence on the immune frailty. Ageing Research Reviews, 2020, 61, 101071.	10.9	36
62	Heterogeneity of Liver Disease in Common Variable Immunodeficiency Disorders. Frontiers in Immunology, 2020, 11, 338.	4.8	35
63	Altered chromatin landscape in circulating T follicular helper and regulatory cells following grass pollen subcutaneous and sublingual immunotherapy. Journal of Allergy and Clinical Immunology, 2021, 147, 663-676.	2.9	34
64	IL-33 and Superantigenic Activation of Human Lung Mast Cells Induce the Release of Angiogenic and Lymphangiogenic Factors. Cells, 2021, 10, 145.	4.1	33
65	Immunopharmacological modulation of mast cells. Current Opinion in Pharmacology, 2014, 17, 45-57.	3.5	32
66	The Interplay between the Immune and the Endocannabinoid Systems in Cancer. Cells, 2021, 10, 1282.	4.1	31
67	Guidelines for the use and interpretation of diagnostic methods in adult food allergy. Clinical and Molecular Allergy, 2015, 13, 27.	1.8	30
68	Basophils in Tumor Microenvironment and Surroundings. Advances in Experimental Medicine and Biology, 2020, 1224, 21-34.	1.6	30
69	Human heart as a shock organ in anaphylaxis. Allergo Journal International, 2014, 23, 60-66.	2.0	28
70	Neutrophil extracellular traps and neutrophil-derived mediators as possible biomarkers in bronchial asthma. Clinical and Experimental Medicine, 2022, 22, 285-300.	3.6	28
71	Mepolizumab in the management of severe eosinophilic asthma in adults: current evidence and practical experience. Therapeutic Advances in Respiratory Disease, 2017, 11, 40-45.	2.6	27
72	Holistic Approach to Immune Checkpoint Inhibitor-Related Adverse Events. Frontiers in Immunology, 2022, 13, 804597.	4.8	27

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73	Lipopolysaccharide-Elicited TSLPR Expression Enriches a Functionally Discrete Subset of Human CD14+ CD1c+ Monocytes. Journal of Immunology, 2017, 198, 3426-3435.	0.8	26
74	Gut Microbiome and Common Variable Immunodeficiency: Few Certainties and Many Outstanding Questions. Frontiers in Immunology, 2021, 12, 712915.	4.8	26
75	Mast Cells: Fascinating but Still Elusive after 140 Years from Their Discovery. International Journal of Molecular Sciences, 2020, 21, 464.	4.1	25
76	LPS-mediated neutrophil VEGF-A release is modulated by cannabinoid receptor activation. Journal of Leukocyte Biology, 2021, 109, 621-631.	3.3	25
77	Are Basophils and Mast Cells Masters in HIV Infection?. International Archives of Allergy and Immunology, 2016, 171, 158-165.	2.1	24
78	The role of interleukin 5 in asthma. Expert Review of Clinical Immunology, 2016, 12, 903-905.	3.0	23
79	Targeting Interleukin-5 or Interleukin-5RÎ±: Safety Considerations. Drug Safety, 2017, 40, 559-570.	3.2	22
80	Human Lung-Resident Macrophages Express and Are Targets of Thymic Stromal Lymphopoietin in the Tumor Microenvironment. Cells, 2021, 10, 2012.	4.1	22
81	IL-3 in the development and function of basophils. Seminars in Immunology, 2021, 54, 101510.	5.6	22
82	What Is the Cardiac Impact of Chemotherapy and Subsequent Radiotherapy in Lymphoma Patients?. Antioxidants and Redox Signaling, 2019, 31, 1166-1174.	5.4	21
83	Angiopoietins, Vascular Endothelial Growth Factors and Secretory Phospholipase A2 in Ischemic and Non-Ischemic Heart Failure. Journal of Clinical Medicine, 2020, 9, 1928.	2.4	21
84	Immunostimulants in respiratory diseases: focus on Pidotimod. Multidisciplinary Respiratory Medicine, 2019, 14, 31.	1.5	20
85	Eosinophils in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1273, 1-28.	1.6	20
86	Secreted Phospholipases A2 in Hereditary Angioedema With C1-Inhibitor Deficiency. Frontiers in Immunology, 2018, 9, 1721.	4.8	19
87	Liver stiffness assessment by transient elastography suggests high prevalence of liver involvement in common variable immunodeficiency. Digestive and Liver Disease, 2019, 51, 1599-1603.	0.9	19
88	Anti-Tumorigenic Activities of IL-33: A Mechanistic Insight. Frontiers in Immunology, 2020, 11, 571593.	4.8	19
89	HIV gp120 Induces the Release of Proinflammatory, Angiogenic, and Lymphangiogenic Factors from Human Lung Mast Cells. Vaccines, 2020, 8, 208.	4.4	17
90	Pharmacovigilating cardiotoxicity of immune checkpoint inhibitors. Lancet Oncology, The, 2018, 19, 1545-1546.	10.7	16

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91	Phenotypic and Functional Heterogeneity of Low-Density and High-Density Human Lung Macrophages. Biomedicines, 2021, 9, 505.	3.2	16
92	Validation of Calculated Globulin (CG) as a Screening Test for Antibody Deficiency in an Italian University Hospital. Current Pharmaceutical Biotechnology, 2018, 19, 728-733.	1.6	14
93	New drugs in early-stage clinical trials for allergic rhinitis. Expert Opinion on Investigational Drugs, 2019, 28, 267-273.	4.1	13
94	Macrophage-polarizing stimuli differentially modulate the inflammatory profile induced by the secreted phospholipase A2 group IA in human lung macrophages. Cytokine, 2021, 138, 155378.	3.2	13
95	Vascular endothelial growth factors and angiopoietins as new players in mastocytosis. Clinical and Experimental Medicine, 2021, 21, 415-427.	3.6	12
96	Gastroduodenal Disorders in Patients with CVID Undergoing Immunoglobulin Therapy. Current Pharmaceutical Biotechnology, 2018, 19, 734-741.	1.6	12
97	Angiogenesis, Lymphangiogenesis, and Inflammation in Chronic Obstructive Pulmonary Disease (COPD): Few Certainties and Many Outstanding Questions. Cells, 2022, 11, 1720.	4.1	12
98	IgG Autoantibodies Against IgE from Atopic Dermatitis Can Induce the Release of Cytokines and Proinflammatory Mediators from Basophils and Mast Cells. Frontiers in Immunology, 2022, 13, .	4.8	12
99	Biosimilars in allergic diseases. Current Opinion in Allergy and Clinical Immunology, 2016, 16, 68-73.	2.3	11
100	Differential Effects of Alarmins on Human and Mouse Basophils. Frontiers in Immunology, 0, 13, .	4.8	10
101	Roles of Immune Cells in Hereditary Angioedema. Clinical Reviews in Allergy and Immunology, 2021, 60, 369-382.	6.5	9
102	Impact of a cardioâ€oncology unit on prevention of cardiovascular events in cancer patients. ESC Heart Failure, 2022, 9, 1666-1676.	3.1	9
103	Altered Metabolism of Phospholipases, Diacylglycerols, Endocannabinoids, and N-Acylethanolamines in Patients with Mastocytosis. Journal of Immunology Research, 2019, 2019, 1-14.	2.2	8
104	How can we manage the cardiac toxicity of immune checkpoint inhibitors?. Expert Opinion on Drug Safety, 2021, 20, 1-10.	2.4	8
105	Umeclidinium for the treatment of uncontrolled asthma. Expert Opinion on Investigational Drugs, 2017, 26, 761-766.	4.1	7
106	Novel actors on the stage of cardiac dysfunction induced by anti-PD1 oncological treatments. European Heart Journal, 2022, 43, 330-332.	2.2	6
107	Novel Biological Therapies in Severe Asthma: Targeting the Right Trait. Current Medicinal Chemistry, 2019, 26, 2801-2822.	2.4	6
108	Corneal confocal microscopy alterations in SjÃ¶gren's syndrome dry eye. Acta Ophthalmologica, 2017, 95, e366-e372.	1.1	5

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109	Oxidative stress in anticancer therapies-related cardiac dysfunction. Free Radical Biology and Medicine, 2021, 169, 410-415.	2.9	5
110	Gender dimorphism in IgA subclasses in T2-high asthma. Clinical and Experimental Medicine, 2023, 23, 929-941.	3.6	5
111	The immunology of switching biologics in severe eosinophilic asthma patients. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3528-3529.	3.8	4
112	The Role of Omalizumab in Patients With Eosinophilic Granulomatosis With Polyangiitis (Churgâ€Strauss): Comment on the Article by Jachiet et al. Arthritis and Rheumatology, 2017, 69, 868-870.	5.6	3
113	Lenvatinib: an investigational agent for the treatment of differentiated thyroid cancer. Expert Opinion on Investigational Drugs, 2021, 30, 913-921.	4.1	3
114	MK-8237: a house dust mite vaccine for treating allergic rhinitis, asthma and atopic dermatitis. Expert Opinion on Biological Therapy, 2016, 16, 1435-1441.	3.1	1
115	Editorial: Smoldering Inflammation in Cardio-Immune-Metabolic Disorders. Frontiers in Physiology, 2021, 12, 651946.	2.8	1
116	New Suggestions in Sublingual Immunotherapy for House Dust Mite- Related Allergic Diseases. Current Pharmaceutical Biotechnology, 2017, 18, 378-383.	1.6	1
117	Immunostimulants in respiratory diseases: focus on Pidotimod. Multidisciplinary Respiratory Medicine, 0, 14, .	1.5	1
118	FRT â€“ FONDATION RENE TOURAINE. Experimental Dermatology, 2015, 24, 803-820.	2.9	0
119	Neutrophils Involvement in Human Thyroid Cancer. Journal of Allergy and Clinical Immunology, 2018, 141, AB122.	2.9	0
120	Modulation of Redox Signaling in Chronic Diseases and Regenerative Medicine. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-4.	4.0	0
121	Letter by Varricchi et al Regarding Article, â€œRole of IgE-FcÎµR1 in Pathological Cardiac Remodeling and Dysfunctionâ€. Circulation, 2021, 144, e214-e215.	1.6	0