

Giuseppe Mazzearella

List of Publications by Year in descending order

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67
papers

4,043
citations

126858

33
h-index

114418

63
g-index

67
all docs

67
docs citations

67
times ranked

3918
citing authors

#	ARTICLE	IF	CITATIONS
1	The insidious effect of diatoms on copepod reproduction. <i>Nature</i> , 1999, 402, 173-176.	13.7	591
2	Diagnosis of Non-Celiac Gluten Sensitivity (NCGS): The Salerno Expertsâ€™ Criteria. <i>Nutrients</i> , 2015, 7, 4966-4977.	1.7	423
3	Divergence of gut permeability and mucosal immune gene expression in two gluten-associated conditions: celiac disease and gluten sensitivity. <i>BMC Medicine</i> , 2011, 9, 23.	2.3	379
4	Differential Mucosal IL-17 Expression in Two Gliadin-Induced Disorders: Gluten Sensitivity and the Autoimmune Enteropathy Celiac Disease. <i>International Archives of Allergy and Immunology</i> , 2010, 152, 75-80.	0.9	209
5	Transamidation of Wheat Flour Inhibits the Response to Gliadin of Intestinal T Cells in Celiac Disease. <i>Gastroenterology</i> , 2007, 133, 780-789.	0.6	160
6	Gliadin-Specific Type 1 Regulatory T Cells from the Intestinal Mucosa of Treated Celiac Patients Inhibit Pathogenic T Cells. <i>Journal of Immunology</i> , 2006, 177, 4178-4186.	0.4	119
7	Evidence for the Role of Interferon-alfa Production by Dendritic Cells in the Th1 Response in Celiac Disease. <i>Gastroenterology</i> , 2007, 133, 1175-1187.	0.6	119
8	Recombinant human interleukin 10 suppresses gliadin dependent T cell activation in ex vivo cultured coeliac intestinal mucosa. <i>Gut</i> , 2005, 54, 46-53.	6.1	115
9	IL-15 Interferes With Suppressive Activity of Intestinal Regulatory T Cells Expanded in Celiac Disease. <i>American Journal of Gastroenterology</i> , 2011, 106, 1308-1317.	0.2	97
10	Gliadin Activates HLA Class I-Restricted CD8+ T Cells in Celiac Disease Intestinal Mucosa and Induces the Enterocyte Apoptosis. <i>Gastroenterology</i> , 2008, 134, 1017-1027.	0.6	83
11	Quercetin and anti-CD95(Fas/Apo1) enhance apoptosis in HPB-ALL cell line. <i>FEBS Letters</i> , 1999, 462, 322-328.	1.3	81
12	Small intestinal enteropathy in non-obese diabetic mice fed a diet containing wheat. <i>Diabetologia</i> , 2005, 48, 931-937.	2.9	76
13	An immunodominant DQ8 restricted gliadin peptide activates small intestinal immune response in in vitro cultured mucosa from HLA-DQ8 positive but not HLA-DQ8 negative coeliac patients. <i>Gut</i> , 2003, 52, 57-62.	6.1	73
14	Expression and enzymatic activity of small intestinal tissue transglutaminase in celiac disease. <i>American Journal of Gastroenterology</i> , 2003, 98, 1813-1820.	0.2	71
15	Immunomodulatory Effects of <i>Lactobacillus casei</i> Administration in a Mouse Model of Gliadin-Sensitive Enteropathy. <i>Scandinavian Journal of Immunology</i> , 2011, 74, 335-341.	1.3	68
16	Immunological evaluation of the alcohol-soluble protein fraction from gluten-free grains in relation to celiac disease. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1266-1270.	1.5	66
17	Extensive in vitro gastrointestinal digestion markedly reduces the immune-toxicity of <i>Triticum monococcum</i> wheat: Implication for celiac disease. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1844-1854.	1.5	65
18	Overactivity of the intestinal endocannabinoid system in celiac disease and in methotrexate-treated rats. <i>Journal of Molecular Medicine</i> , 2007, 85, 523-530.	1.7	64

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19	Immunogenicity of monococcum wheat in celiac patients. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 1339-1345.	2.2	62
20	Majority of gliadin-specific T-cell clones from celiac small intestinal mucosa produce interferon-gamma and interleukin-4. <i>Digestive Diseases and Sciences</i> , 1998, 43, 156-161.	1.1	52
21	Adjuvant effect of <i>Lactobacillus casei</i> in a mouse model of gluten sensitivity. <i>Immunology Letters</i> , 2008, 119, 78-83.	1.1	50
22	Spray-by-spray in situ cross-linking alginate hydrogels delivering a tea tree oil microemulsion. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 66, 20-28.	1.9	50
23	Gluten Sensitivity in a Subset of Children With Insulin Dependent Diabetes Mellitus. <i>American Journal of Gastroenterology</i> , 2003, 98, 590-595.	0.2	48
24	Effector and suppressor T cells in celiac disease. <i>World Journal of Gastroenterology</i> , 2015, 21, 7349.	1.4	45
25	Tissue Transglutaminase Is the Target in Both Rodent and Primate Tissues for Celiac Diseaseâ€œSpecific Autoantibodies. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 31, 520-527.	0.9	44
26	Gliadin Regulates the NK-Dendritic Cell Cross-Talk by HLA-E Surface Stabilization. <i>Journal of Immunology</i> , 2007, 179, 372-381.	0.4	44
27	c9,t11-Conjugated linoleic acid ameliorates steatosis by modulating mitochondrial uncoupling and Nrf2 pathway. <i>Journal of Lipid Research</i> , 2014, 55, 837-849.	2.0	43
28	Constitutive Activation of the Signal Transducer and Activator of Transcription Pathway in Celiac Disease Lesions. <i>American Journal of Pathology</i> , 2003, 162, 1845-1855.	1.9	42
29	<i>Bacillus subtilis</i> spores reduce susceptibility to <i>Citrobacter rodentium</i> -mediated enteropathy in a mouse model. <i>Research in Microbiology</i> , 2006, 157, 891-897.	1.0	41
30	Pathogenic Role of Associated Adherentâ€œInvasive <i>Escherichia coli</i> in Crohn's Disease. <i>Journal of Cellular Physiology</i> , 2017, 232, 2860-2868.	2.0	40
31	Reintroduction of Gluten Following Flour Transamidation in Adult Celiac Patients: A Randomized, Controlled Clinical Study. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-10.	3.3	38
32	Keratinocyte growth factor and coeliac disease. <i>Gut</i> , 2001, 49, 176-181.	6.1	34
33	Enhanced Expression of Interferon Regulatory Factor-1 in the Mucosa of Children with Celiac Disease. <i>Pediatric Research</i> , 2003, 54, 312-318.	1.1	34
34	Conjugated linoleic acid enhances glutathione synthesis and attenuates pathological signs in MRL/MpJ-Faslpr mice. <i>Journal of Lipid Research</i> , 2006, 47, 2382-2391.	2.0	31
35	Selective inhibition of the gliadin-specific, cell-mediated immune response by transamidation with microbial transglutaminase. <i>Journal of Leukocyte Biology</i> , 2013, 93, 479-488.	1.5	31
36	Conjugated linoleic acid protects against gliadinâ€œinduced depletion of intestinal defenses. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S248-56.	1.5	30

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37	Immunogenicity of two oat varieties, in relation to their safety for celiac patients. <i>Scandinavian Journal of Gastroenterology</i> , 2011, 46, 1194-1205.	0.6	28
38	Immunoregulatory Pathways Are Active in the Small Intestinal Mucosa of Patients with Potential Celiac Disease. <i>American Journal of Gastroenterology</i> , 2013, 108, 1775-1784.	0.2	28
39	Non-Celiac Gluten Sensitivity: How Its Gut Immune Activation and Potential Dietary Management Differ from Celiac Disease. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700854.	1.5	27
40	A deregulated immune response to gliadin causes a decreased villus height in DQ8 transgenic mice. <i>European Journal of Immunology</i> , 2009, 39, 3552-3561.	1.6	25
41	IBD: Role of intestinal compartments in the mucosal immune response. <i>Immunobiology</i> , 2020, 225, 151849.	0.8	24
42	Celiac Disease Histopathology Recapitulates Hedgehog Downregulation, Consistent with Wound Healing Processes Activation. <i>PLoS ONE</i> , 2015, 10, e0144634.	1.1	24
43	Characterization of the Anti-Tissue Transglutaminase Antibody Response in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2005, 174, 5830-5836.	0.4	23
44	Identical T-Cell Receptor β Chain Rearrangements Are Present in T Cells Infiltrating the Jejunal Mucosa of Untreated Celiac Patients. <i>Human Immunology</i> , 1997, 55, 22-33.	1.2	21
45	Celiac disease: role of intestinal compartments in the mucosal immune response. <i>Molecular and Cellular Biochemistry</i> , 2016, 411, 341-349.	1.4	21
46	Gliadin activates mucosal cell mediated immunity in cultured rectal mucosa from coeliac patients and a subset of their siblings. <i>Gut</i> , 1998, 43, 484-489.	6.1	19
47	Water Buffalo Mozzarella Cheese Stored in Polysaccharide-Based Gels: Correlation Between Prolongation of the Shelf-Life and Physicochemical Parameters. <i>Journal of Dairy Science</i> , 2008, 91, 1317-1324.	1.4	18
48	Reproductive activity of <i>bombina pachypus</i> from southern Italy. <i>Italian Journal of Zoology</i> , 1998, 65, 335-342.	0.6	17
49	Down-regulation of ERK1 and ERK2 activity during differentiation of the intestinal cell line HT-29. <i>Molecular and Cellular Biochemistry</i> , 2002, 231, 43-50.	1.4	17
50	The effects of modified versus unmodified wheat gluten administration in patients with celiac disease. <i>International Immunopharmacology</i> , 2017, 47, 1-8.	1.7	16
51	Modulatory activity of <i>Lactobacillus rhamnosus</i> OLL2838 in a mouse model of intestinal immunopathology. <i>Immunobiology</i> , 2015, 220, 701-710.	0.8	15
52	Gluten Induces Subtle Histological Changes in Duodenal Mucosa of Patients with Non-Coeliac Gluten Sensitivity: A Multicentre Study. <i>Nutrients</i> , 2022, 14, 2487.	1.7	14
53	Mechanisms underlying the hormetic effect of conjugated linoleic acid: Focus on Nrf2, mitochondria and NADPH oxidases. <i>Free Radical Biology and Medicine</i> , 2021, 167, 276-286.	1.3	13
54	Gliadin-Specific CD8+ T Cell Responses Restricted by HLA Class I A*0101 and B*0801 Molecules in Celiac Disease Patients. <i>Journal of Immunology</i> , 2017, 198, 1838-1845.	0.4	12

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55	Tailoring the immune response to wheat gliadin by enzymatic transamidation. <i>Cytokine</i> , 2019, 117, 23-29.	1.4	11
56	<i>Prunus Mahaleb</i> Fruit Extract Prevents Chemically Induced Colitis and Enhances Mitochondrial Oxidative Metabolism via the Activation of the Nrf2 Pathway. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900350.	1.5	10
57	Immunogenic Peptides Can Be Detected in Whole Gluten by Transamidating Highly Susceptible Glutamine Residues: Implication in the Search for Gluten-free Cereals. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 747-754.	2.4	9
58	Gliadin intake alters the small intestinal mucosa in indomethacin-treated HLA-DQ8 transgenic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G302-G312.	1.6	9
59	Laser Capture Microdissection as a Tool to Study the Mucosal Immune Response in Celiac Disease. <i>Methods in Molecular Biology</i> , 2018, 1723, 139-154.	0.4	6
60	Adult autoimmune enteropathy in autoimmune hepatitis patient. Case report and literature review. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2021, 45, 101673.	0.7	5
61	<i>Triticum monococcum</i> amylase trypsin inhibitors possess a reduced potential to elicit innate immune response in celiac patients compared to <i>Triticum aestivum</i> . <i>Food Research International</i> , 2021, 145, 110386.	2.9	5
62	First morphological-level insights into the efficiency of green tea catechins and grape seed procyanidins on a transgenic mouse model of celiac disease enteropathy. <i>Food and Function</i> , 2021, 12, 5903-5912.	2.1	3
63	Analysis of hypoxia-associated dendritic cells in colitic mice and effects of probiotics on IL-10 production in inflammatory dendritic-cells under hypoxia. <i>Beneficial Microbes</i> , 2019, 10, 801-810.	1.0	2
64	Beneficial effects of a <i>T. monococcum</i> wheat cultivar on diabetes incidence evaluated in non-obese diabetic mice and after <i>in vitro</i> simulated gastroduodenal digestion. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 327-335.	1.3	2
65	Innate immunity is a late event in the onset of gliadin-specific enteropathy in the HLA-DQ8 mice. <i>Immunobiology</i> , 2020, 225, 151903.	0.8	1
66	Regulatory T Cells in the Coeliac Intestinal Mucosa. , 2008, , 181-187.		0
67	Cell-type-specific gene expression profile by laser capture microdissection on mirror sections. <i>Journal of Immunological Methods</i> , 2022, 505, 113276.	0.6	0