Maria Vittoria Barone

List of Publications by Year
in descending order

60 papers	2,552 citations	172457 29 h-index	197818 49 g-index
62 all docs	62 docs citations	62 times ranked	3183 citing authors

#	Article	IF	Citations
1	Non-transcriptional action of oestradiol and progestin triggers DNA synthesis. EMBO Journal, 1999, 18, 2500-2510.	7.8	245
2	Bile acids modulate tight junction structure and barrier function of Caco-2 monolayers via EGFR activation. American Journal of Physiology - Renal Physiology, 2008, 294, G906-G913.	3.4	217
3	The Pharmacological Chaperone N-butyldeoxynojirimycin Enhances Enzyme Replacement Therapy in Pompe Disease Fibroblasts. Molecular Therapy, 2009, 17, 964-971.	8.2	130
4	Androgen-stimulated DNA synthesis and cytoskeletal changes in fibroblasts by a nontranscriptional receptor action. Journal of Cell Biology, 2003, 161, 547-556.	5.2	128
5	Filamin A Is Mutated in X-Linked Chronic Idiopathic Intestinal Pseudo-Obstruction with Central Nervous System Involvement. American Journal of Human Genetics, 2007, 80, 751-758.	6.2	106
6	Growth factor-like activity of gliadin, an alimentary protein: implications for coeliac disease. Gut, 2007, 56, 480-488.	12.1	96
7	Androgen-Induced Cell Migration: Role of Androgen Receptor/Filamin A Association. PLoS ONE, 2011, 6, e17218.	2.5	89
8	Gliadin Peptides as Triggers of the Proliferative and Stress/Innate Immune Response of the Celiac Small Intestinal Mucosa. International Journal of Molecular Sciences, 2014, 15, 20518-20537.	4.1	81
9	Hormone-dependent nuclear export of estradiol receptor and DNA synthesis in breast cancer cells. Journal of Cell Biology, 2008, 182, 327-340.	5.2	74
10	Î² ₁ -Adrenergic Receptor and Sphingosine-1-Phosphate Receptor 1 (S1PR1) Reciprocal Downregulation Influences Cardiac Hypertrophic Response and Progression to Heart Failure. Circulation, 2013, 128, 1612-1622.	1.6	69
11	Rapid signalling pathway activation by androgens in epithelial and stromal cells. Steroids, 2004, 69, 517-522.	1.8	66
12	Role of Atypical Protein Kinase C in Estradiol-Triggered G 1 /S Progression of MCF-7 Cells. Molecular and Cellular Biology, 2004, 24, 7643-7653.	2.3	63
13	Gliadin Peptide P31-43 Localises to Endocytic Vesicles and Interferes with Their Maturation. PLoS ONE, 2010, 5, e12246.	2.5	61
14	Immunoglobulin A Antiâ€tissue Transglutaminase Antibody Deposits in the Small Intestinal Mucosa of Children With No Villous Atrophy. Journal of Pediatric Gastroenterology and Nutrition, 2008, 47, 293-298.	1.8	59
15	Gliadin-Mediated Proliferation and Innate Immune Activation in Celiac Disease Are Due to Alterations in Vesicular Trafficking. PLoS ONE, 2011, 6, e17039.	2.5	59
16	The RFG oligomerization domain mediates kinase activation and re-localization of the RET/PTC3 oncoprotein to the plasma membrane. Oncogene, 2001, 20, 599-608.	5.9	57
17	A Novel Peroxisome Proliferator-activated Receptor Î³ Isoform with Dominant Negative Activity Generated by Alternative Splicing. Journal of Biological Chemistry, 2005, 280, 26517-26525.	3.4	55
18	Gliadin Peptides Induce Tissue Transglutaminase Activation and ER-Stress through Ca2+ Mobilization in Caco-2 Cells. PLoS ONE, 2012, 7, e45209.	2.5	49

#	Article	IF	Citations
19	RET/PTC1 oncogene signaling in PC Cl 3 thyroid cells requires the small GTP-binding protein Rho. Oncogene, 2001, 20, 6973-6982.	5.9	45
20	The androgen receptor/filamin A complex as a target in prostate cancer microenvironment. Cell Death and Disease, 2021, 12, 127.	6.3	42
21	Lactobacillus paracaseiCBA L74 interferes with gliadin peptides entrance in Caco-2 cells. International Journal of Food Sciences and Nutrition, 2014, 65, 953-959.	2.8	40
22	P31â€“43, an undigested gliadin peptide, mimics and enhances the innate immune response to viruses and interferes with endocytic trafficking: a role in celiac disease. Scientific Reports, 2018, 8, 10821.	3.3	40
23	Postheparin plasma diamine oxidase in subjects with small bowel mucosal atrophy. Digestive Diseases and Sciences, 1987, 32, 313-317.	2.3	39
24	An undigested gliadin peptide activates innate immunity and proliferative signaling in enterocytes: the role in celiac disease. American Journal of Clinical Nutrition, 2013, 98, 1123-1135.	4.7	38
25	Cross-talk between androgen receptor/filamin A and TrkA regulates neurite outgrowth in PC12 cells. Molecular Biology of the Cell, 2015, 26, 2858-2872.	2.1	37
26	Tissue transglutaminase in celiac disease: role of autoantibodies. Amino Acids, 2009, 36, 693-699.	2.7	35
27	Endocytosis and transcytosis of gliadin peptides. Molecular and Cellular Pediatrics, 2016, 3, 8.	1.8	34
28	Celiac anti-tissue transglutaminase antibodies interfere with the uptake of alpha gliadin peptide 31â€“43 but not of peptide 57â€“68 by epithelial cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 717-727.	3.8	32
29	Enterocyte Proliferation and Signaling Are Constitutively Altered in Celiac Disease. PLoS ONE, 2013, 8, e76006.	2.5	31
30	Immunogenicity of two oat varieties, in relation to their safety for celiac patients. Scandinavian Journal of Gastroenterology, 2011, 46, 1194-1205.	1.5	28
31	Ligand of Numb proteins LNX1p80 and LNX2 interact with the human glycoprotein CD8Î± and promote its ubiquitylation and endocytosis. Journal of Cell Science, 2011, 124, 3545-3556.	2.0	26
32	A Celiac Cellular Phenotype, with Altered LPP Sub-Cellular Distribution, Is Inducible in Controls by the Toxic Gliadin Peptide P31-43. PLoS ONE, 2013, 8, e79763.	2.5	24
33	Metabolic Fate of Plasma Diamine Oxidase: Evidence of Isolated and Perfused Rat Liver Uptake. Digestion, 1986, 34, 243-250.	2.3	22
34	Unconjugated Bilirubin Modulates the Intestinal Epithelial Barrier Function in a Human-Derived In Vitro Model. Pediatric Research, 2006, 60, 30-33.	2.3	21
35	Anti-tissue transglutaminase antibodies activate intracellular tissue transglutaminase by modulating cytosolic Ca2+ homeostasis. Amino Acids, 2013, 44, 251-260.	2.7	21
36	Celiac diseaseâ€associated Neisseria flavescens decreases mitochondrial respiration in CaCoâ€2 epithelial cells: Impact of Lactobacillus paracasei CBA L74 on bacterialâ€induced cellular imbalance. Cellular Microbiology, 2019, 21, e13035.	2.1	21

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37	Constitutive alterations in vesicular trafficking increase the sensitivity of cells from celiac disease patients to gliadin. Communications Biology, 2019, 2, 190.	4.4	20
38	The gliadin p31â€“43 peptide: Inducer of multiple proinflammatory effects. International Review of Cell and Molecular Biology, 2021, 358, 165-205.	3.2	19
39	Plasma diamine oxidase (DAO) and heparin. Digestive Diseases and Sciences, 1984, 29, 1070-1071.	2.3	18
40	Inflammation Is Present, Persistent and More Sensitive to Proinflammatory Triggers in Celiac Disease Enterocytes. International Journal of Molecular Sciences, 2022, 23, 1973.	4.1	18
41	In the Intestinal Mucosa of Children With Potential Celiac Disease IL-21 and IL-17A are Less Expressed than in the Active Disease. American Journal of Gastroenterology, 2016, 111, 134-144.	0.4	17
42	A novel CXCR4-targeted near-infrared (NIR) fluorescent probe (Peptide R-NIR750) specifically detects CXCR4 expressing tumors. Scientific Reports, 2017, 7, 2554.	3.3	17
43	Effect of pH control during rice fermentation in preventing a gliadin P31-43 entrance in epithelial cells. International Journal of Food Sciences and Nutrition, 2019, 70, 950-958.	2.8	17
44	Impact of Age at Administration, Lysosomal Storage, and Transgene Regulatory Elements on AAV2/8-Mediated Rat Liver Transduction. PLoS ONE, 2012, 7, e33286.	2.5	17
45	CXCR4-antagonist Peptide R-liposomes for combined therapy against lung metastasis. Nanoscale, 2016, 8, 7562-7571.	5.6	15
46	Structural insights on P31â€43, a gliadin peptide able to promote an innate but not an adaptive response in celiac disease. Journal of Peptide Science, 2019, 25, e3161.	1.4	15
47	Pivotal Role of Inflammation in Celiac Disease. International Journal of Molecular Sciences, 2022, 23, 7177.	4.1	12
48	Pro-Pre and Postbiotic in Celiac Disease. Applied Sciences (Switzerland), 2021, 11, 8185.	2.5	11
49	Structural Perspective of Gliadin Peptides Active in Celiac Disease. International Journal of Molecular Sciences, 2020, 21, 9301.	4.1	10
50	Gliadin Peptide P31-43 Induces mTOR/NFkÎ² Activation and Reduces Autophagy: The Role of Lactobacillus paracasei CBA L74 Postbiotc. International Journal of Molecular Sciences, 2022, 23, 3655.	4.1	9
51	Celiac anti-type 2 transglutaminase antibodies induce differential effects in fibroblasts from celiac disease patients and from healthy subjects. Amino Acids, 2017, 49, 541-550.	2.7	8
52	A Cumulative Effect of Food and Viruses to Trigger Celiac Disease (CD): A Commentary on the Recent Literature. International Journal of Molecular Sciences, 2021, 22, 2027.	4.1	8
53	A Small Peptide Targeting the Ligand-Induced Androgen Receptor/Filamin a Interaction Inhibits the Invasive Phenotype of Prostate Cancer Cells. Cells, 2022, 11, 14.	4.1	8
54	Polar Effects on Ion Transport and Cell Proliferation Induced by GC-C Ligands in Intestinal Epithelial Cells. Pediatric Research, 2011, 69, 17-22.	2.3	6

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55	Pediatric Celiac Disease Patients Show Alterations of Dendritic Cell Shape and Actin Rearrangement. International Journal of Molecular Sciences, 2021, 22, 2708.	4.1	6
56	Endocytosis in enterocytes. Wiener Medizinische Wochenschrift, 2016, 166, 205-210.	1.1	5
57	Constitutive Differential Features of Type 2 Transglutaminase in Cells Derived from Celiac Patients and from Healthy Subjects. International Journal of Molecular Sciences, 2020, 21, 1231.	4.1	5
58	In Ataxia-Telangiectasia, Oral Betamethasone Administration Ameliorates Lymphocytes Functionality through Modulation of the IL-7/IL-7RÎ± Axis Paralleling the Neurological Behavior: A Comparative Report of Two Cases. Immunological Investigations, 2021, 50, 295-303.	2.0	3
59	Inflammation induced by very low-dose bisphenol-a can be prevented by probiotics. Journal of Translational Science, 2021, 7, .	0.2	2
60	Pro-Inflammatory Nutrient: Focus on Gliadin and Celiac Disease. International Journal of Molecular Sciences, 2022, 23, 5577.	4.1	2