Marie JosÃ© Stasia

List of Publications by Year
in descending order

66 papers	2,832 citations	236925 25 h-index	175258 52 g-index
75 all docs	75 docs citations	75 times ranked	3634 citing authors

#	Article	IF	Citations
1	Chronic Granulomatous Disease: The European Experience. PLoS ONE, 2009, 4, e5234.	2.5	567
2	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	9.0	242
3	Hematologically important mutations: X-linked chronic granulomatous disease (third update). Blood Cells, Molecules, and Diseases, 2010, 45, 246-265.	1.4	179
4	Hematologically important mutations: The autosomal recessive forms of chronic granulomatous disease (second update). Blood Cells, Molecules, and Diseases, 2010, 44, 291-299.	1.4	143
5	Genetic disorders coupled to ROS deficiency. Redox Biology, 2015, 6, 135-156.	9.0	130
6	Genetics and immunopathology of chronic granulomatous disease. Seminars in Immunopathology, 2008, 30, 209-235.	6.1	128
7	ADP-ribosylation of a small size GTP-binding protein in bovine neutrophils by the C3 exoenzyme of Clostridium botulinum and effect on the cell motility. Biochemical and Biophysical Research Communications, 1991, 180, 615-622.	2.1	118
8	The respiratory burst of bovine neutrophilis. Role of a b type cytochrome and coenzyme specificity. FEBS Journal, 1985, 152, 669-679.	0.2	70
9	Copurification of rho protein and the rho-GDP dissociation inhibitor from bovine neutrophil cytosol. Effect of phosphoinositides on rho ADP-ribosylation by the C3 exoenzyme of Clostridium botulinum. Biochemistry, 1992, 31, 12863-12869.	2.5	65
10	Three common polymorphisms in theCYBAgene form a haplotype associated with decreased ROS generation. Human Mutation, 2009, 30, 1123-1133.	2.5	54
11	CYBA encoding p22phox, the cytochrome b558 alpha polypeptide: gene structure, expression, role and physiopathology. Gene, 2016, 586, 27-35.	2.2	52
12	Scavenging of reactive oxygen species by tryptophan metabolites helps Pseudomonas aeruginosa escape neutrophil killing. Free Radical Biology and Medicine, 2014, 73, 400-410.	2.9	50
13	The NOX Family of Proteins Is Also Present in Bacteria. MBio, 2017, 8, .	4.1	45
14	Regulation of NADPH Oxidase Activity in Phagocytes. Journal of Biological Chemistry, 2010, 285, 33197-33208.	3.4	40
15	Poikiloderma with neutropenia, Clericuzio type, in a family from Morocco. American Journal of Medical Genetics, Part A, 2008, 146A, 2762-2769.	1.2	38
16	Crucial Role of Two Potential Cytosolic Regions of Nox2, 191TSSTKTIRRS200 and 484DESQANHFAVHHDEEKD500, on NADPH Oxidase Activation. Journal of Biological Chemistry, 2005, 280, 14962-14973.	3.4	36
17	Potent inhibition of store-operated Ca2+influx and superoxide production in HL60 cells and polymorphonuclear neutrophils by the pyrazole derivative BTP2. Journal of Leukocyte Biology, 2007, 81, 1054-1064.	3.3	36
18	First Report of Clinical, Functional, and Molecular Investigation of Chronic Granulomatous Disease in Nine Jordanian Families. Journal of Clinical Immunology, 2009, 29, 215-230.	3.8	33

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19	Characterization of six novel mutations in the CYBB gene leading to different sub-types of X-linked chronic granulomatous disease. Human Genetics, 2005, 116, 72-82.	3.8	32
20	Molecular and functional characterization of a new X-linked chronic granulomatous disease variant (X91+) case with a double missense mutation in the cytosolic gp91phox C-terminal tail. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2002, 1586, 316-330.	3.8	31
21	The 23-kilodalton protein, a substrate of protein kinase C in bovine neutrophil cytosol is a member of the S100 family. Biochemistry, 1992, 31, 5898-5905.	2.5	30
22	Optimized Generation of Functional Neutrophils and Macrophages from Patient-Specific Induced Pluripotent Stem Cells:Ex VivoModels of X⁰-Linked, AR22⁰- and AR47⁰- Chronic Granulomatous Diseases. BioResearch Open Access, 2014, 3, 311-326.	2.6	30
23	Functional analysis of two-amino acid substitutions in gp91phox in a patient with X-linked flavocytochrome b558-positive chronic granulomatous disease by means of transgenic PLB-985 cells. Human Genetics, 2004, 115, 418-427.	3.8	29
24	MC1R expression in HaCaT keratinocytes inhibits UVAâ€induced ROS production via NADPH Oxidaseâ€and cAMPâ€dependent mechanisms. Journal of Cellular Physiology, 2012, 227, 2578-2585.	4.1	28
25	Characterization of superoxide overproduction by the D-LoopNox4-Nox2 cytochrome b558 in phagocytesâ€"Differential sensitivity to calcium and phosphorylation events. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 78-90.	2.6	27
26	Down-regulation of NOX2 activity in phagocytes mediated by ATM-kinase dependent phosphorylation. Free Radical Biology and Medicine, 2017, 113, 1-15.	2.9	25
27	Decreased neural precursor cell pool in NADPH oxidase 2-deficiency: From mouse brain to neural differentiation of patient derived iPSC. Redox Biology, 2017, 13, 82-93.	9.0	25
28	Immunocharacterization of Î²- and Î¶-subspecies of protein kinase C in bovine neutrophils. FEBS Letters, 1990, 274, 61-64.	2.8	24
29	Aspartate aminotransferase macroenzyme complex in serum identified and characterized. Clinical Chemistry, 1994, 40, 1340-1343.	3.2	24
30	New insights into the membrane topology of the phagocyte NADPH oxidase: Characterization of an anti-gp91-phox conformational monoclonal antibody. Biochimie, 2007, 89, 1145-1158.	2.6	23
31	Purification and characterization of an isoform of protein kinase C from bovine neutrophils. Biochemistry, 1989, 28, 424-431.	2.5	22
32	A novel and unusual case of chronic granulomatous disease in a child with a homozygous 36-bp deletion in the CYBA gene (A220) leading to the activation of a cryptic splice site in intronÂ4. Human Genetics, 2002, 110, 444-450.	3.8	22
33	Leu505 of Nox2 is crucial for optimal p67phox-dependent activation of the flavocytochromeb558during phagocytic NADPH oxidase assembly. Journal of Leukocyte Biology, 2007, 81, 238-249.	3.3	22
34	Hematologically important mutations: X-linked chronic granulomatous disease (fourth update). Blood Cells, Molecules, and Diseases, 2021, 90, 102587.	1.4	22
35	Hematologically important mutations: The autosomal forms of chronic granulomatous disease (third) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	22
36	Therapeutic effects of proteoliposomes on X-linked chronic granulomatous disease: proof of concept using macrophages differentiated from patient-specific induced pluripotent stem cells. International Journal of Nanomedicine, 2017, Volume 12, 2161-2177.	6.7	21

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37	Severe Clinical Forms of Cytochromebâ€“Negative Chronic Granulomatous Disease (X91â˚) in 3 Brothers with a Point Mutation in the Promoter Region ofCYBB. Journal of Infectious Diseases, 2003, 188, 1593-1604.	4.0	20
38	Genetic diagnosis of primary immunodeficiencies: AÂsurvey of the French national registry. Journal of Allergy and Clinical Immunology, 2019, 143, 1646-1649.e10.	2.9	20
39	A novel point mutation in the CYBB gene promoter leading to a rare X minus chronic granulomatous disease variant â€" Impact on the microbicidal activity of neutrophils. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 201-210.	3.8	19
40	Clinical, Functional and Genetic Analysis of Twenty-Four Patients with Chronic Granulomatous Disease â€" Identification of Eight Novel Mutations in CYBB and NCF2 Genes. Journal of Clinical Immunology, 2012, 32, 942-958.	3.8	19
41	Inhibition of protein kinase C from polymorphonuclear neutrophils by long chain acyl coenzyme A and counteraction by Mg-ATP. Biochemical and Biophysical Research Communications, 1987, 147, 428-436.	2.1	18
42	Role of Putative Second Transmembrane Region of Nox2 Protein in the Structural Stability and Electron Transfer of the Phagocytic NADPH Oxidase. Journal of Biological Chemistry, 2011, 286, 28357-28369.	3.4	18
43	Altered Humoral Immune Responses and IgG Subtypes in NOX2-Deficient Mice and Patients: A Key Role for NOX2 in Antigen-Presenting Cells. Frontiers in Immunology, 2018, 9, 1555.	4.8	18
44	Functional and genetic characterization of two extremely rare cases of Williamsâ€“Beuren Syndrome associated with chronic granulomatous disease. European Journal of Human Genetics, 2013, 21, 1079-1084.	2.8	17
45	Differential impact of glucose levels and advanced glycation end-products on tubular cell viability and pro-inflammatory/profibrotic functions. Biochemical and Biophysical Research Communications, 2014, 451, 627-631.	2.1	15
46	NOX4 is the main NADPH oxidase involved in the early stages of hematopoietic differentiation from human induced pluripotent stem cells. Free Radical Biology and Medicine, 2020, 146, 107-118.	2.9	15
47	Clinical, functional and genetic characterization of 16 patients suffering from chronic granulomatous disease variantsÂâ€“Âidentification of 11 novel mutations in CYBB. Clinical and Experimental Immunology, 2021, 203, 247-266.	2.6	14
48	Identification of NOX2 regions for normal biosynthesis of cytochrome b558 in phagocytes highlighting essential residues for p22phox binding. Biochemical Journal, 2014, 464, 425-437.	3.7	13
49	Second Report of Chronic Granulomatous Disease in Jordan: Clinical and Genetic Description of 31 Patients From 21 Different Families, Including Families From Lybia and Iraq. Frontiers in Immunology, 2021, 12, 639226.	4.8	12
50	A 23-kDa protein as a substrate for protein kinase C in bovine neutrophils. Purification and partial characterization. Biochemistry, 1989, 28, 9659-9667.	2.5	11
51	Characterization of NADPH Oxidase Expression and Activity in Acute Myeloid Leukemia Cell Lines: A Correlation with the Differentiation Status. Antioxidants, 2021, 10, 498.	5.1	10
52	Hydrogen Peroxide Affects Growth of S. aureus Through Downregulation of Genes Involved in Pyrimidine Biosynthesis. Frontiers in Immunology, 2021, 12, 673985.	4.8	10
53	An unusual case of sarcoidosis. Lancet, The, 2001, 358, 294.	13.7	8
54	Rare Duplication or Deletion of Exons 6, 7 and 8 in CYBB Leading to X-Linked Chronic Granulomatous Disease in Two Patients from Different Families. Journal of Clinical Immunology, 2012, 32, 653-662.	3.8	6

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55	Aspartate aminotransferase macroenzyme complex in serum identified and characterized. Clinical Chemistry, 1994, 40, 1340-3.	3.2	6
56	The X-CGD PLB-985 Cell Model for NOX2 Structure-Function Analysis. Methods in Molecular Biology, 2019, 1982, 153-171.	0.9	5
57	Remarks on the article Genetics and immunopathology of chronic granulomatous disease by Marie JosÃ© Stasia and Xing Jun Li. Seminars in Immunopathology, 2008, 30, 365-365.	6.1	4
58	RAGE and CYBA polymorphisms are associated with microalbuminuria and end-stage renal disease onset in a cohort of type 1 diabetes mellitus patients over a 20-year follow-up. Acta Diabetologica, 2016, 53, 469-475.	2.5	4
59	Resistant Invasive Aspergillosis in an Autosomal Recessive Chronic Granulomatous Disease. Fetal and Pediatric Pathology, 2013, 32, 241-245.	0.7	3
60	X-linked chronic granulomatous disease in a female carrier with novel pathogenic mutation and skewed X-inactivation. Annals of Allergy, Asthma and Immunology, 2018, 120, 328-329.	1.0	3
61	[36] Neutrophil chemotaxis assay and inhibition by C3 ADP-ribosyltransferase. Methods in Enzymology, 1995, 256, 327-336.	1.0	2
62	Ex Vivo Models of Chronic Granulomatous Disease. Methods in Molecular Biology, 2019, 1982, 587-622.	0.9	2
63	Correspondence. Clinica Chimica Acta, 1998, 269, 223-225.	1.1	1
64	Reply to the remarks by Joachim Roesler on the article Genetics and immunopathology of chronic granulomatous disease. Seminars in Immunopathology, 2008, 30, 367-368.	6.1	0
65	Towards Routine Screening of Rare Genetic Diseases. Journal of Molecular Diagnostics, 2010, 12, 269-271.	2.8	0
66	Optimization of X-linked chronic granulomatous disease modelization by using patient-specific induced pluripotent stem cells. Experimental Hematology, 2013, 41, S28.	0.4	0