

# Isabella Zanella

## List of Publications by Citations

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57  
papers

1,749  
citations

16  
h-index

41  
g-index

67  
ext. papers

2,354  
ext. citations

5.6  
avg, IF

4.6  
L-index

#	Paper	IF	Citations
57	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , <b>2021</b> , 591, 92-98	50.4	451
56	Helicobacter pylori infection induces antibodies cross-reacting with human gastric mucosa. <i>Gastroenterology</i> , <b>1991</b> , 101, 437-45	13.3	278
55	High prevalence of GB virus C infection in a group of Italian patients with hepatitis of unknown etiology. <i>Journal of Infectious Diseases</i> , <b>1996</b> , 174, 181-3	7	140
54	RNA silencing of the mitochondrial ABCB7 transporter in HeLa cells causes an iron-deficient phenotype with mitochondrial iron overload. <i>Blood</i> , <b>2007</b> , 109, 3552-9	2.2	138
53	The possible mechanisms of action of 4-aminoquinolines (chloroquine/hydroxychloroquine) against Sars-Cov-2 infection (COVID-19): A role for iron homeostasis?. <i>Pharmacological Research</i> , <b>2020</b> , 158, 104904 <sup>2</sup>	10.2	72
52	Identification of new mutations of the HFE, hepcidin, and transferrin receptor 2 genes by denaturing HPLC analysis of individuals with biochemical indications of iron overload. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 1981-8	5.5	66
51	Iron and Neurodegeneration: Is Ferritinophagy the Link?. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 5542-74	6.2	62
50	The effects of frataxin silencing in HeLa cells are rescued by the expression of human mitochondrial ferritin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2008</b> , 1782, 90-8	6.9	51
49	Association of Toll-like receptor 7 variants with life-threatening COVID-19 disease in males: findings from a nested case-control study. <i>ELife</i> , <b>2021</b> , 10,	8.9	51
48	Quantitative analysis of hepatitis B virus DNA by real-time amplification. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2002</b> , 21, 22-6	5.3	32
47	Soy and the soy isoflavone genistein promote adipose tissue development in male mice on a low-fat diet. <i>European Journal of Nutrition</i> , <b>2015</b> , 54, 1095-107	5.2	27
46	Recombinant human hepcidin expressed in Escherichia coli isolates as an iron containing protein. <i>Blood Cells, Molecules, and Diseases</i> , <b>2005</b> , 35, 177-81	2.1	25
45	Shorter androgen receptor polyQ alleles protect against life-threatening COVID-19 disease in European males. <i>EBioMedicine</i> , <b>2021</b> , 65, 103246	8.8	25
44	Municipal wastewater affects adipose deposition in male mice and increases 3T3-L1 cell differentiation. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 297, 32-40	4.6	23
43	Protective effect of mitochondrial ferritin on cytosolic iron dysregulation induced by doxorubicin in HeLa cells. <i>Molecular Biology Reports</i> , <b>2013</b> , 40, 6757-64	2.8	19
42	Iron in Frontotemporal Lobar Degeneration: A New Subcortical Pathological Pathway?. <i>Neurodegenerative Diseases</i> , <b>2016</b> , 16, 172-8	2.3	16
41	Serodiagnosis of Helicobacter pylori-associated gastritis with a monoclonal antibody competitive enzyme-linked immunosorbent assay. <i>Scandinavian Journal of Gastroenterology</i> , <b>1992</b> , 27, 599-605	2.4	16

40	Lopinavir/ritonavir: Repurposing an old drug for HIV infection in COVID-19 treatment. <i>Biomedical Journal</i> , <b>2021</b> , 44, 43-53	7.1	16
39	Parenteral and sexual transmission of GB virus C and hepatitis C virus among human immunodeficiency virus-positive patients. <i>Journal of Infectious Diseases</i> , <b>1997</b> , 175, 1025-6	7	16
38	Fibroblasts maintained in 3 dimensions show a better differentiation state and higher sensitivity to estrogens. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 280, 421-33	4.6	15
37	Real-time quantitation of hepatitis B virus (HBV) DNA in tumorous and surrounding tissue from patients with hepatocellular carcinoma. <i>Journal of Medical Virology</i> , <b>2002</b> , 68, 494-9	19.7	15
36	The impact of antiretroviral therapy on iron homeostasis and inflammation markers in HIV-infected patients with mild anemia. <i>Journal of Translational Medicine</i> , <b>2017</b> , 15, 256	8.5	14
35	Caveolin-1, Caveolin-2 and Cavin-1 are strong predictors of adipogenic differentiation in human tumors and cell lines of liposarcoma. <i>European Journal of Cell Biology</i> , <b>2016</b> , 95, 252-64	6.1	12
34	Evaluation of the Ion Torrent PGM sequencing workflow for the routine rapid detection of BRCA1 and BRCA2 germline mutations. <i>Experimental and Molecular Pathology</i> , <b>2017</b> , 102, 314-320	4.4	11
33	Mendelian forms of disease and age at onset affect survival in frontotemporal dementia. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2018</b> , 19, 87-92	3.6	11
32	Tenofovir, Another Inexpensive, Well-Known and Widely Available Old Drug Repurposed for SARS-COV-2 Infection. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	11
31	C9orf72 Intermediate Alleles in Patients with Amyotrophic Lateral Sclerosis, Systemic Lupus Erythematosus, and Rheumatoid Arthritis. <i>NeuroMolecular Medicine</i> , <b>2019</b> , 21, 150-159	4.6	10
30	A Novel Mutation in the Stalk Domain of Causes a Slowly Progressive Atypical Motor Syndrome. <i>Journal of Clinical Medicine</i> , <b>2018</b> , 8,	5.1	10
29	A DNA hybridization method for typing hepatitis C virus genotype 2c. <i>Journal of Virological Methods</i> , <b>1997</b> , 65, 307-15	2.6	9
28	Cereal Lignans, Natural Compounds of Interest for Human Health?. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701200	0.9	8
27	A PCR-based protocol to accurately size C9orf72 intermediate-length alleles. <i>Molecular and Cellular Probes</i> , <b>2017</b> , 32, 60-64	3.3	8
26	Letter to the Editor on "Bonafini M, Prattichizzo F, Giuliani A, Storci G, Sabbatinelli J, Olivieri F. Inflamm-aging: Why older men are the most susceptible to SARS-CoV-2 complicated outcomes. Cytokine Growth Factor Rev". <i>Cytokine and Growth Factor Reviews</i> , <b>2020</b> , 54, 1-2	17.9	8
25	Cereal Lignans, Natural Compounds of Interest for Human Health?. <i>Natural Product Communications</i> , <b>2017</b> , 12, 139-146	0.9	8
24	The impact of integrase inhibitor-based regimens on markers of inflammation among HIV naïve patients. <i>Cytokine</i> , <b>2020</b> , 126, 154884	4	7
23	Intermediate Repeats Confer Genetic Risk for Severe COVID-19 Pneumonia Independently of Age. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7

22	7-Hydroxymatairesinol improves body weight, fat and sugar metabolism in C57BJ/6 mice on a high-fat diet. <i>British Journal of Nutrition</i> , <b>2018</b> , 120, 751-762	3.6	6
21	New heteromyeloma cell lines for the production of human monoclonal antibodies. <i>Journal of Immunological Methods</i> , <b>1992</b> , 156, 205-15	2.5	6
20	The strange case of the [13N]NH3: validation of the production process for human use. <i>Nuclear Medicine Communications</i> , <b>2016</b> , 37, 412-21	1.6	6
19	Quantification of bcr/abl mRNA expression by a rapid real-time reverse transcription-polymerase chain reaction assay in patients with chronic myeloid leukemia. <i>Haematologica</i> , <b>2001</b> , 86, 318-9	6.6	6
18	Oilseeds ameliorate metabolic parameters in male mice, while contained lignans inhibit 3T3-L1 adipocyte differentiation in vitro. <i>European Journal of Nutrition</i> , <b>2014</b> , 53, 1685-97	5.2	5
17	Source of iron overload in multiple sclerosis. <i>Cellular and Molecular Life Sciences</i> , <b>2014</b> , 71, 3187-9	10.3	5
16	About TMPRSS6 rs855791 polymorphism, iron metabolism and celiac disease. <i>American Journal of Gastroenterology</i> , <b>2015</b> , 110, 1240	0.7	4
15	The effect of C9orf72 intermediate repeat expansions in neurodegenerative and autoimmune diseases. <i>Multiple Sclerosis and Related Disorders</i> , <b>2019</b> , 27, 42-43	4	3
14	Monoclonal Antibodies against SARS-CoV-2: Current Scenario and Future Perspectives.. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	3
13	Hereditary hemochromatosis: The same old song. <i>Blood Cells, Molecules, and Diseases</i> , <b>2015</b> , 55, 216-7	2.1	2
12	Iron Absorption in Celiac Disease and Nutraceutical Effect of 7-Hydroxymatairesinol. Mini-Review. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
11	Intracellular receptor regulation of adipose metabolism by the isoflavone genistein. <i>European Journal of Nutrition</i> , <b>2015</b> , 54, 493-5	5.2	2
10	Production and quality control of [(90)Y]DOTATOC for treatment of metastatic neuroendocrine tumors: results of 85 syntheses. <i>Nuclear Medicine Communications</i> , <b>2013</b> , 34, 265-70	1.6	2
9	Can modifier gene mutations improve the predictive value of the modified Iron Avidity Index in Type 1 Hereditary Haemochromatosis?. <i>Liver International</i> , <b>2016</b> , 36, 1713	7.9	1
8	Parenteral and Sexual Transmission of GB Virus C and Hepatitis C Virus among Human Immunodeficiency Virus-Positive Patients. <i>Journal of Infectious Diseases</i> , <b>1997</b> , 175, 1025-1026	7	1
7	Prolonged treatment with imatinib mesylate in patients with advanced chronic myeloid leukemia causes a reduction of bcr/abl mRNA levels independent of cytogenetic response. <i>Annals of Hematology</i> , <b>2003</b> , 82, 333-5	3	1
6	An HIV elite controller patient carrying the homozygous H63D variant in the homeostatic iron regulator gene: A case report. <i>Medicine (United States)</i> , <b>2021</b> , 100, e27732	1.8	1
5	Hypothalamic Expression of Neuropeptide Y (NPY) and Pro-OpioMelanoCortin (POMC) in Adult Male Mice Is Affected by Chronic Exposure to Endocrine Disruptors. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	1

- 4 Selection of new heteromyeloma cell lines for the obtainment of human monoclonal antibodies. *The Year in Immunology*, **1993**, 7, 213-9
- 3 Could 18F-FDG PET Be a Diagnostic Tool for Hemochromatosis?. *Clinical Nuclear Medicine*, **2016**, 41, 261-27
- 2 Descriptive modification of inflammatory markers in HIV patients after cART initiation according to gender, smoking habit, CMV infection, BMI and serum lipids. *Cytokine*, **2021**, 143, 155547 4
- 1 An exploratory pilot study on the involvement of APOE, HFE, C9ORF72 variants and comorbidities in neurocognitive and physical performance in a group of HIV-infected people.. *Metabolic Brain Disease*, **2022**, 1 3.9