

# Enrico M Novelli

## List of Publications by Citations

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84  
papers

900  
citations

16  
h-index

28  
g-index

90  
ext. papers

1,210  
ext. citations

4.1  
avg, IF

4.58  
L-index

#	Paper	IF	Citations
84	Pathophysiology of Sickle Cell Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2019</b> , 14, 263-292	34	147
83	Risk factors for death in 632 patients with sickle cell disease in the United States and United Kingdom. <i>PLoS ONE</i> , <b>2014</b> , 9, e99489	3.7	82
82	Plasma thrombospondin-1 is increased during acute sickle cell vaso-occlusive events and associated with acute chest syndrome, hydroxyurea therapy, and lower hemolytic rates. <i>American Journal of Hematology</i> , <b>2012</b> , 87, 326-30	7.1	60
81	Crises in Sickle Cell Disease. <i>Chest</i> , <b>2016</b> , 149, 1082-93	5.3	57
80	TSP1-CD47 signaling is upregulated in clinical pulmonary hypertension and contributes to pulmonary arterial vasculopathy and dysfunction. <i>Cardiovascular Research</i> , <b>2017</b> , 113, 15-29	9.9	43
79	Edible processed insects from e-commerce: Food safety with a focus on the Bacillus cereus group. <i>Food Microbiology</i> , <b>2018</b> , 76, 296-303	6	40
78	The matricellular protein TSP1 promotes human and mouse endothelial cell senescence through CD47 and Nox1. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	32
77	Comparison of Visible and Near-Infrared Reflectance Spectroscopy to Authenticate Fresh and Frozen-Thawed Swordfish ( <i>Xiphias gladius</i> L). <i>Journal of Aquatic Food Product Technology</i> , <b>2012</b> , 21, 493-507	16	31
76	Sickle Cell Trait Increases Red Blood Cell Storage Hemolysis and Post-Transfusion Clearance in Mice. <i>EBioMedicine</i> , <b>2016</b> , 11, 239-248	8.8	25
75	Vascular TSP1-CD47 signaling promotes sickle cell-associated arterial vasculopathy and pulmonary hypertension in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 316, L1150-L1164	5.8	24
74	Effect of phenols extracted from a by-product of the oil mill on the shelf-life of raw and cooked fresh pork sausages in the absence of chemical additives. <i>LWT - Food Science and Technology</i> , <b>2017</b> , 85, 89-95	5.4	22
73	Elevated pulse pressure is associated with hemolysis, proteinuria and chronic kidney disease in sickle cell disease. <i>PLoS ONE</i> , <b>2014</b> , 9, e114309	3.7	22
72	Cellular, pharmacological, and biophysical evaluation of explanted lungs from a patient with sickle cell disease and severe pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2013</b> , 3, 936-51	2.7	22
71	Agricultural by-products with bioactive effects: A multivariate approach to evaluate microbial and physicochemical changes in a fresh pork sausage enriched with phenolic compounds from olive vegetation water. <i>International Journal of Food Microbiology</i> , <b>2016</b> , 228, 34-43	5.8	22
70	Brain venular pattern by 7T MRI correlates with memory and haemoglobin in sickle cell anaemia. <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 233, 18-22	2.9	18
69	A Multi-Omics Approach to Evaluate the Quality of Milk Whey Used in Ricotta Cheese Production. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1272	5.7	18
68	Minimum Bactericidal Concentration of Phenols Extracted from Oil Vegetation Water on Spoilers, Starters and Food-Borne Bacteria. <i>Italian Journal of Food Safety</i> , <b>2015</b> , 4, 4519	1.2	16

67	Glycoprotein Ib inhibitor (CCP-224) prevents neutrophil-platelet aggregation in Sickle Cell Disease. <i>Blood Advances</i> , <b>2017</b> , 1, 1712-1716	7.8	13
66	Measuring success: utility of biomarkers in sickle cell disease clinical trials and care. <i>Hematology American Society of Hematology Education Program</i> , <b>2018</b> , 2018, 482-492	3.1	13
65	Quantitative microfluidic fluorescence microscopy to study vaso-occlusion in sickle cell disease. <i>Haematologica</i> , <b>2015</b> , 100, e390-3	6.6	12
64	Preliminary investigation on the presence of peptides inhibiting the growth of <i>Listeria innocua</i> and <i>Listeria monocytogenes</i> in Asiago d'Alveo cheese. <i>Dairy Science and Technology</i> , <b>2012</b> , 92, 297-308		12
63	Cognitive functioning in children from Nigeria with sickle cell anemia. <i>Pediatric Blood and Cancer</i> , <b>2016</b> , 63, 1990-7	3	12
62	Experimental intravascular hemolysis induces hemodynamic and pathological pulmonary hypertension: association with accelerated purine metabolism. <i>Pulmonary Circulation</i> , <b>2018</b> , 8, 2045894018791557	2.7	10
61	Application of near-infrared spectroscopy for frozen-thawed characterization of cuttlefish (). <i>Journal of Food Science and Technology</i> , <b>2019</b> , 56, 4437-4447	3.3	10
60	Targeting P-Selectin Adhesion Molecule in Molecular Imaging: P-Selectin Expression as a Valuable Imaging Biomarker of Inflammation in Cardiovascular Disease. <i>Journal of Nuclear Medicine</i> , <b>2019</b> , 60, 1691-1697	8.9	10
59	Characterisation of the Thermostable Protease AprX in Strains of and Impact on the Shelf-life of Dairy Products: Preliminary Results. <i>Italian Journal of Food Safety</i> , <b>2016</b> , 5, 6175	1.2	9
58	Can Neuroimaging Markers of Vascular Pathology Explain Cognitive Performance in Adults With Sickle Cell Anemia? A review of the Literature. <i>Hemoglobin</i> , <b>2016</b> , 40, 381-387	0.6	9
57	Decoding the role of SOD2 in sickle cell disease. <i>Blood Advances</i> , <b>2019</b> , 3, 2679-2687	7.8	9
56	Disease severity and slower psychomotor speed in adults with sickle cell disease. <i>Blood Advances</i> , <b>2017</b> , 1, 1790-1795	7.8	8
55	First successful lung transplantation for sickle cell disease with severe pulmonary arterial hypertension and pulmonary veno-occlusive disease. <i>Pulmonary Circulation</i> , <b>2013</b> , 3, 952-8	2.7	8
54	Rationale and design of mDOT-HuA study: a randomized trial to assess the effect of mobile-directly observed therapy on adherence to hydroxyurea in adults with sickle cell anemia in Tanzania. <i>BMC Medical Research Methodology</i> , <b>2016</b> , 16, 140	4.7	7
53	Influence of dietary protein content on the chemico-physical profile of dry-cured hams produced by pigs of two breeds. <i>Scientific Reports</i> , <b>2019</b> , 9, 19068	4.9	7
52	Thrombospondin-1 gene polymorphism is associated with estimated pulmonary artery pressure in patients with sickle cell anemia. <i>American Journal of Hematology</i> , <b>2017</b> , 92, E31-E34	7.1	5
51	The association of smartphone-based activity space measures with cognitive functioning and pain sickle cell disease. <i>British Journal of Haematology</i> , <b>2018</b> , 181, 395-397	4.5	5
50	Partial characterisation of peptides inhibiting <i>Listeria</i> growth in two Alpine cheeses. <i>Dairy Science and Technology</i> , <b>2014</b> , 94, 61-72		5

49	Molecular Typing of <i>Vibrio parahaemolyticus</i> Strains Isolated from Mollusks in the North Adriatic Sea. <i>Foodborne Pathogens and Disease</i> , <b>2017</b> , 14, 454-464	3.8	4
48	Rates and risk factors of hypertension in adolescents and adults with sickle cell anaemia in Tanzania: 10 years' experience. <i>British Journal of Haematology</i> , <b>2017</b> , 177, 930-937	4.5	4
47	Nutritional Quality of Preparations Based on Döner Kebab Sold in Two Towns of Veneto Region, Italy: Preliminary Results. <i>Italian Journal of Food Safety</i> , <b>2015</b> , 4, 4535	1.2	4
46	P-selectin deficiency promotes liver senescence in sickle cell disease mice. <i>Blood</i> , <b>2021</b> , 137, 2676-2680	2.2	4
45	Versatile nano-platform for tailored immuno-magnetic carriers. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 7575-7589	4.4	4
44	Analysis of Process Factors of Dry Fermented Salami to Control. <i>Italian Journal of Food Safety</i> , <b>2017</b> , 6, 6184	1.2	3
43	H <sub>2</sub> O <sub>2</sub> Tolerance in <i>Pseudomonas Fluorescens</i> : Synergy between Pyoverdine-Iron(III) Complex and a Blue Extracellular Product Revealed by a Nanotechnology-Based Electrochemical Approach. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5186-5190	4.3	3
42	Microbial metabarcoding highlights different bacterial and fungal populations in honey samples from local beekeepers and market in north-eastern Italy. <i>International Journal of Food Microbiology</i> , <b>2020</b> , 334, 108806	5.8	3
41	Contribution of natural milk culture to microbiota, safety and hygiene of raw milk cheese produced in alpine. <i>Italian Journal of Food Safety</i> , <b>2018</b> , 7, 6967	1.2	3
40	Fast and Green Method to Control Frauds of Geographical Origin in Traded Cuttlefish Using a Portable Infrared Reflective Instrument. <i>Foods</i> , <b>2021</b> , 10,	4.9	3
39	COVID-19 and SCA: an old friend comes to the rescue. <i>Blood</i> , <b>2020</b> , 135, 1925-1926	2.2	2
38	Improved Oxidative Stability and Sensory Quality of Beef Hamburgers Enriched with a Phenolic Extract from Olive Vegetation Water.. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
37	The Impact of Cognitive Function on Adherence to Hydroxyurea Therapy in Patients with Sickle Cell Disease. <i>Blood</i> , <b>2016</b> , 128, 2493-2493	2.2	2
36	Using a Concentrate of Phenols Obtained from Olive Vegetation Water to Preserve Chilled Food: Two Case Studies. <i>Italian Journal of Food Safety</i> , <b>2016</b> , 5, 5651	1.2	2
35	Machine-learning algorithms for predicting hospital re-admissions in sickle cell disease. <i>British Journal of Haematology</i> , <b>2021</b> , 192, 158-170	4.5	2
34	Assessment of chicken breast shelf life based on bench-top and portable near-infrared spectroscopy tools coupled with chemometrics. <i>Food Quality and Safety</i> , <b>2021</b> , 5,	3.8	2
33	Genuine and Natural: The Opinion of Teen Consumers. <i>Italian Journal of Food Safety</i> , <b>2017</b> , 6, 6183	1.2	1
32	Investigating the troublesome relationship between the cow milk and human health. <i>Research in Veterinary Science</i> , <b>2018</b> , 120, 1-3	2.5	1

31	Risk Factors for Death in 632 Patients with Sickle Cell Anemia in the United States and United Kingdom. <i>Blood</i> , <b>2012</b> , 120, 3240-3240	2.2	1
30	Elevated Plasma Thrombospondin-1 (TSP1) Levels Are Correlated with Oxidative Stress and Worse Cognitive Function in Sickle Cell Disease. <i>Blood</i> , <b>2015</b> , 126, 2184-2184	2.2	1
29	Blood Flow Is Increased in Wounds and Peri-Wound Area by Laser Speckle Contrast Imaging and Infrared Thermography in Adults with Sickle Cell Leg Ulcers. <i>Blood</i> , <b>2012</b> , 120, 1009-1009	2.2	1
28	Employment of Phenolic Compounds from Olive Vegetation Water in Broiler Chickens: Effects on Gut Microbiota and on the Shelf Life of Breast Fillets. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
27	An Iron Shield to Protect Epigallocatechin-3-Gallate from Degradation: Multifunctional Self-Assembled Iron Oxide Nanocarrier Enhances Protein Kinase CK2 Intracellular Targeting and Inhibition. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
26	Kohonen Artificial Neural Network and Multivariate Analysis in the Identification of Proteome Changes during Early and Long Aging of Bovine Muscle Using SWATH Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11512-11522	5.7	1
25	Bentonite does not affect in vitro ruminal gross fermentations but could modify ruminal metabolome and mineral content. A proof of concept.. <i>Research in Veterinary Science</i> , <b>2022</b> , 144, 78-81	2.5	0
24	Machine Learning Algorithms in Predicting Hospital Readmissions in Sickle Cell Disease. <i>Blood</i> , <b>2019</b> , 134, 982-982	2.2	0
23	Analysis of hippocampal subfields in sickle cell disease using ultrahigh field MRI. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102655	5.3	0
22	Endothelial superoxide dismutase 2 is decreased in sickle cell disease and regulates fibronectin processing.. <i>Function</i> , <b>2022</b> , 3, zqac005	6.1	0
21	Ambient mass spectrometry for rapid authentication of milk from Alpine or lowland forage.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7360	4.9	0
20	Effects of honeybush () extract on physico-chemical, oxidative and sensory traits of typical Italian salami. <i>Food Science and Nutrition</i> , <b>2020</b> , 8, 2299-2306	3.2	
19	H2O2 Tolerance in Pseudomonas Fluorescens: Synergy between Pyoverdine-Iron(III) Complex and a Blue Extracellular Product Revealed by a Nanotechnology-Based Electrochemical Approach. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5166-5166	4.3	
18	Loss of FXR Signaling Promotes Chronic Liver Injury in Sickle Cell Disease. <i>Blood</i> , <b>2020</b> , 136, 16-16	2.2	
17	The Impact of Hydroxyurea Use on Cognitive Functioning of Children with Sickle Cell Disease in Ghana. <i>Blood</i> , <b>2020</b> , 136, 22-22	2.2	
16	Impaired Hecpidin Metabolism Promotes Hemolysis Induced Hepatobiliary Injury in Sickle Cell Disease. <i>Blood</i> , <b>2020</b> , 136, 28-28	2.2	
15	Assessing Dynamic Cerebral Autoregulation in Patients with Sickle Cell Disease Using Near-Infrared Spectroscopy and Paced Breathing. <i>Blood</i> , <b>2020</b> , 136, 57-58	2.2	
14	Cortical Thinning and White Matter Loss in Sickle Cell Anemia Despite Chronic Exchange Transfusion Therapy. <i>Blood</i> , <b>2021</b> , 138, 4169-4169	2.2	

- 13 Comprehensive Assessment of Cognitive Function in Patients with Sickle Cell Disease Reveals Deficits in Memory and Processing Speed. *Blood*, **2021**, 138, 975-975 2.2
- 12 Vaso-Occlusive Events in Pediatric Sickle Cell Disease: Quantifying Social Disadvantage and Its Impact on Hospitalizations. *Blood*, **2021**, 138, 1949-1949 2.2
- 11 Tissue-Resident TSP1-CD47 Signaling Promotes Sickle Cell-Associated Arterial Vasculopathy and Pulmonary Hypertension. *Blood*, **2017**, 130, 957-957 2.2
- 10 Clinical and Laboratory Predictors of 30-Day Hospital Readmission Risk in Adult Patients with Sickle Cell Disease. *Blood*, **2018**, 132, 2384-2384 2.2
- 9 Thrombospondin-1 Gene Polymorphism Is Associated with Estimated Pulmonary Artery Pressure in Patients with Sickle Cell Anemia. *Blood*, **2015**, 126, 970-970 2.2
- 8 Platelet Nucleation on Arrested Neutrophils Drives Vaso-Occlusion in Sickle Cell Disease. *Blood*, **2015**, 126, 414-414 2.2
- 7 Thrombospondin-1 Polymorphisms Are Associated with Chronic Kidney Disease in Sickle Cell Anemia. *Blood*, **2016**, 128, 2491-2491 2.2
- 6 Plasma Thrombospondin 1 Is Increased and Associated with Markers of Vasculopathy In Sickle Cell Disease. *Blood*, **2010**, 116, 946-946 2.2
- 5 NT-Probnp as a Marker of Cardiopulmonary Compromise and Exercise Limitation In Adults with Sickle Cell Anemia In the Walk-PHaSST Study. *Blood*, **2010**, 116, 1639-1639 2.2
- 4 Phase II Biologic Effects Trial of Recombinant Interleukin-11 (rhIL-11, Neumega) in Moderate or Mild Hemophilia A or Von Willebrand Disease Unable to Use DDAVP,. *Blood*, **2011**, 118, 3308-3308 2.2
- 3 A Phase 1, Dose-Escalation Study of Topical Sodium Nitrite in Patients with Sickle Cell Anemia and Leg Ulcers. *Blood*, **2012**, 120, 86-86 2.2
- 2 Cognitive Function Of Nigerian Children With Sickle Cell Disease. *Blood*, **2013**, 122, 1008-1008 2.2
- 1 Prevalence and outcomes of dehydration in adults with sickle cell trait: the Atherosclerosis Risk in Communities (ARIC) study.. *British Journal of Haematology*, **2022**, 4.5