

The Role of Iron Regulation in Immunometabolism and

Frontiers in Molecular Biosciences

6, 116

DOI: [10.3389/fmolb.2019.00116](https://doi.org/10.3389/fmolb.2019.00116)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Iron deficiency after kidney transplantation. Nephrology Dialysis Transplantation, 2021, 36, 1976-1985.	0.7	11
2	Evidence of Renal Iron Accumulation in a Male Mouse Model of Lupus. Frontiers in Medicine, 2020, 7, 516.	2.6	8
3	Injecting Immunosuppressive M2 Macrophages Alleviates the Symptoms of Periodontitis in Mice. Frontiers in Molecular Biosciences, 2020, 7, 603817.	3.5	18
4	Divergent Impact of Glucose Availability on Human Virus-Specific and Generically Activated CD8 T Cells. Metabolites, 2020, 10, 461.	2.9	5
5	Drosophila melanogaster Mitochondrial Carriers: Similarities and Differences with the Human Carriers. International Journal of Molecular Sciences, 2020, 21, 6052.	4.1	16
6	Immunometabolism, Micronutrients, and Bariatric Surgery: The Use of Transcriptomics and Microbiota-Targeted Therapies. Mediators of Inflammation, 2020, 2020, 1-18.	3.0	3
7	Immune Escape in Prostate Cancer. Urologic Clinics of North America, 2020, 47, e9-e16.	1.8	7
8	Iron: An Essential Element of Cancer Metabolism. Cells, 2020, 9, 2591.	4.1	56
10	Understanding Metal Dynamics Between Cancer Cells and Macrophages: Competition or Synergism?. Frontiers in Oncology, 2020, 10, 646.	2.8	26
11	Adipose tissue macrophages: Unique polarization and bioenergetics in obesity. Immunological Reviews, 2020, 295, 101-113.	6.0	68
12	Effect of lead exposure and nutritional iron-deficiency on immune response: A vaccine challenge study in rats. Journal of Immunotoxicology, 2020, 17, 144-152.	1.7	5
13	Iron: The cancer connection. Molecular Aspects of Medicine, 2020, 75, 100860.	6.4	89
14	Altered Iron Metabolism and Impact in Cancer Biology, Metastasis, and Immunology. Frontiers in Oncology, 2020, 10, 476.	2.8	153
15	Hematopoietic Stem Cell Transplantation Is a Curative Therapy for Transferrin Receptor 1 (TFRC) Deficiency. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 753-759.e2.	3.8	4
16	Allergens and Adjuvants in Allergen Immunotherapy for Immune Activation, Tolerance, and Resilience. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1780-1789.	3.8	31
17	Cell-type-specific insights into iron regulatory processes. American Journal of Hematology, 2021, 96, 110-127.	4.1	28
18	Development of a fluorometric measurement system used in biological samples upon the determination of iron (II) metal ion. Preparative Biochemistry and Biotechnology, 2021, 51, 361-374.	1.9	0
19	The versatile biochemistry of iron in macrophage effector functions. FEBS Journal, 2021, 288, 6972-6989.	4.7	12

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20	Iron Metabolism in the Tumor Microenvironment: Contributions of Innate Immune Cells. <i>Frontiers in Immunology</i> , 2020, 11, 626812.	4.8	29
21	Cancer Related Anemia: An Integrated Multitarget Approach and Lifestyle Interventions. <i>Nutrients</i> , 2021, 13, 482.	4.1	17
22	Fruits and Vegetables in the Management of Underlying Conditions for COVID-19 High-Risk Groups. <i>Foods</i> , 2021, 10, 389.	4.3	22
23	Transferrin-mediated iron sequestration suggests a novel therapeutic strategy for controlling Nosema disease in the honey bee, <i>Apis mellifera</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009270.	4.7	22
24	The Metabolic Response to Infection With <i>Wolbachia</i> Implicates the Insulin/Insulin-Like-Growth Factor and Hypoxia Signaling Pathways in <i>Drosophila melanogaster</i> . <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	6
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39	Pathological mechanisms of abnormal iron metabolism and mitochondrial dysfunction in systemic lupus erythematosus. Expert Review of Clinical Immunology, 2021, 17, 957-967.	3.0	22
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57	Iron excess affects release of neutrophil extracellular traps and reactive oxygen species but does not influence other functions of neutrophils. Immunology and Cell Biology, 2022, 100, 87-100.	2.3	6

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96	An Iron Refractory Phenotype in Obese Adipose Tissue Macrophages Leads to Adipocyte Iron Overload. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7417.	4.1	8
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155	Dysregulated metal ion homeostasis underscores non-canonical function of CD8+ T cell during COVID-19. Frontiers in Medicine, 0, 10, .	2.6	0
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159	Orally Administrated Inflamed Colon-Targeted Nanotherapeutics for Inflammatory Bowel Disease Treatment by Oxidative Stress Level Modulation in Colitis. <i>ACS Nano</i> , 2023, 17, 24404-24416.	14.6	1
160	Microglial SLC25A28 Deficiency Ameliorates the Brain Injury After Intracerebral Hemorrhage in Mice by Restricting Aerobic Glycolysis. <i>Inflammation</i> , 0, , .	3.8	0
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173	Functional consequence of Iron dyshomeostasis and ferroptosis in systemic lupus erythematosus and lupus nephritis. <i>Clinical Immunology</i> , 2024, 262, 110181.	3.2	0
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175	Iron homeostasis in older adults: balancing nutritional requirements and health risks. <i>Journal of Nutrition, Health and Aging</i> , 2024, 28, 100212.	3.3	0
177	Increasing Natural Killer Cell Activity of Mineral Nanomaterial ALP1018 in Healthy Adults: A Randomized, Double-Blind, Placebo Comparative Clinical Trial. <i>Nutrients</i> , 2024, 16, 850.	4.1	0
178	Iron metabolism disorder and multiple sclerosis: a comprehensive analysis. <i>Frontiers in Immunology</i> , 0, 15, .	4.8	0