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Investigating Ketone Bodies as Immunometabolic Countermeasures against Respiratory Viral Infections

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#	Paper	IF	Citations
25	The dark side of the spoon - glucose, ketones and COVID-19: a possible role for ketogenic diet?. <i>Journal of Translational Medicine</i> , 2020 , 18, 441	8.5	17
24	Current State of Evidence: Influence of Nutritional and Nutrigenetic Factors on Immunity in the COVID-19 Pandemic Framework. <i>Nutrients</i> , 2020 , 12,	6.7	69
23	Exogenous Ketones as Therapeutic Signaling Molecules in High-Stress Occupations: Implications for Mitigating Oxidative Stress and Mitochondrial Dysfunction in Future Research. <i>Nutrition and Metabolic Insights</i> , 2020 , 13, 1178638820979029	1.9	3
22	Can ketone bodies inactivate coronavirus spike protein? The potential of biocidal agents against SARS-CoV-2. <i>BioEssays</i> , 2021 , 43, e2000312	4.1	2
21	Very-low-carbohydrate diet enhances human T-cell immunity through immunometabolic reprogramming. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14323	12	7
20	The protective effects of 1,3-butanediol acetoacetate diester on decompression sickness in rats. <i>Journal of Applied Physiology</i> , 2021 , 131, 435-441	3.7	1
19	RNA sequencing reveals niche gene expression effects of beta-hydroxybutyrate in primary myotubes. <i>Life Science Alliance</i> , 2021 , 4,	5.8	1
18	The NIH Lipo-COVID Study: A Pilot NMR Investigation of Lipoprotein Subfractions and Other Metabolites in Patients with Severe COVID-19. <i>Biomedicines</i> , 2021 , 9,	4.8	5
17	On the nutritional and therapeutic effects of ketone body D-Hydroxybutyrate. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 6229-6243	5.7	4
16	SARS-CoV-2, COVID-19 and the Ageing Immune System. <i>Nature Aging</i> , 2021 , 1, 769-782		34
15	Alternative Dietary Patterns for Americans: Low-Carbohydrate Diets. <i>Nutrients</i> , 2021 , 13,	6.7	2
14	COVID-19: Proposing a Ketone-Based Metabolic Therapy as a Treatment to Blunt the Cytokine Storm. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 6401341	6.7	16
13	Metabolic and Signaling Roles of Ketone Bodies in Health and Disease. <i>Annual Review of Nutrition</i> , 2021 , 41, 49-77	9.9	9
12	Molecular Mechanisms Underlying the Bioactive Properties of a Ketogenic Diet.. <i>Nutrients</i> , 2022 , 14,	6.7	0
11	Inflammatory Bowel Disease and COVID-19: How Microbiomics and Metabolomics Depict Two Sides of the Same Coin.. <i>Frontiers in Microbiology</i> , 2022 , 13, 856165	5.7	1
10	Does Neuroinflammation Underlie the Cognitive Changes Observed With Dietary Interventions?. <i>Frontiers in Neuroscience</i> , 2022 , 16,	5.1	2
9	Beta-Hydroxybutyrate: A Dual Function Molecular and Immunological Barrier Function Regulator. <i>Frontiers in Immunology</i> , 13,	8.4	1

8	Ketone Bodies Improve Human CD8+ Cytotoxic T-Cell Immune Response During COVID-19 Infection. <i>Frontiers in Medicine</i> , 9,	4.9	2
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6	Targeting metabolism through exercise and nutrition to rejuvenate an aging immune system. 2022 , 4, 60-62		0
5	The Evolution of Ketosis: Potential Impact on Clinical Conditions. 2022 , 14, 3613		4
4	Skin Mucus Proteome Analysis Reveals Disease-Resistant Biomarker Signatures in Hybrid Grouper (<i>Epinephelus fuscoguttatus</i> ? <i>Epinephelus lanceolatus</i> ?) against <i>Vibrio alginolyticus</i> . 2022 , 7, 278		0
3	The Metabolic Role of Ketogenic Diets in Treating Epilepsy. 2022 , 14, 5074		0
2	Quantitative Serum NMR Spectroscopy Stratifies COVID-19 Patients and Sheds Light on Interfaces of Host Metabolism and the Immune Response with Cytokines and Clinical Parameters. 2022 , 12, 1277		0
1	Ketones and the Heart: Metabolic Principles and Therapeutic Implications. 2023 , 132, 882-898		0