

Ketogenic Diets: An Update for Child Neurologists

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Efficacy of ketogenic diet in severe refractory status epilepticus initiating fever induced refractory epileptic encephalopathy in school age children (FIRES). <i>Epilepsia</i> , 2010, 51, 2033-2037.	2.6	314
2	Ketogenic diets: An historical antiepileptic therapy with promising potentialities for the aging brain. <i>Ageing Research Reviews</i> , 2010, 9, 273-279.	5.0	38
3	Dietary treatment of epilepsy: rebirth of an ancient treatment. <i>Neurologia I Neurochirurgia Polska</i> , 2011, 45, 370-378.	0.6	16
4	Update on Pediatric Epilepsy. <i>Advances in Pediatrics</i> , 2011, 58, 259-276.	0.5	3
5	The Fat is in the Fire: Ketogenic Diet for Refractory Status Epilepticus. <i>Epilepsy Currents</i> , 2011, 11, 88-89.	0.4	14
6	Role and Treatment of Mitochondrial DNA-Related Mitochondrial Dysfunction in Sporadic Neurodegenerative Diseases. <i>Current Pharmaceutical Design</i> , 2011, 17, 3356-3373.	0.9	33
7	Ketogenic diet also benefits Dravet syndrome patients receiving stiripentol: A prospective pilot study. <i>Epilepsia</i> , 2011, 52, e54-e57.	2.6	86
8	Adenosine kinase determines the degree of brain injury after ischemic stroke in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1648-1659.	2.4	49
9	The modified Atkins diet for intractable epilepsy may be associated with late-onset egg-induced anaphylactic reaction: A case report. <i>Nutrition</i> , 2011, 27, 380-382.	1.1	5
10	Metabolic management of brain cancer. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 577-594.	0.5	119
11	Homeostatic bioenergetic network regulation: a novel concept to avoid pharmacoresistance in epilepsy. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 713-724.	2.5	33
12	Prospective Study of the Modified Atkins Diet in Combination With a Ketogenic Liquid Supplement During the Initial Month. <i>Journal of Child Neurology</i> , 2011, 26, 147-151.	0.7	51
13	Do Patients With Absence Epilepsy Respond to Ketogenic Diets?. <i>Journal of Child Neurology</i> , 2011, 26, 160-165.	0.7	54
14	The Use of Ketogenic Diet in Pediatric Patients with Epilepsy. <i>ISRN Pediatrics</i> , 2012, 2012, 1-10.	1.2	18
15	An Update on the Ketogenic Diet, 2012. <i>Rambam Maimonides Medical Journal</i> , 2012, 3, e0005.	0.4	3
16	Impact [Factor]: Target [Academic Career] Destroyed! <i>Journal of Child Neurology</i> , 2012, 27, 1565-1576.	0.7	29
17	Low glycemic index treatment for seizures in Angelman syndrome. <i>Epilepsia</i> , 2012, 53, 1498-1502.	2.6	52
18	Serendipitous fragment-based drug discovery: ketogenic diet metabolites and statins effectively inhibit several carbonic anhydrases. <i>Chemical Communications</i> , 2012, 48, 3551.	2.2	22

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19	Purines and neuronal excitability: Links to the ketogenic diet. <i>Epilepsy Research</i> , 2012, 100, 229-238.	0.8	51
20	Alternative diets to the classical ketogenic diet—Can we be more liberal?. <i>Epilepsy Research</i> , 2012, 100, 278-285.	0.8	65
22	The use of ketogenic diet in special situations: expanding use in intractable epilepsy and other neurologic disorders. <i>Korean Journal of Pediatrics</i> , 2012, 55, 316.	1.9	7
23	Effect of the classic ketogenic diet on the treatment of refractory epileptic seizures. <i>Revista De Nutricao</i> , 2012, 25, 565-573.	0.4	2
24	The Elusive Magic Pill: Finding Effective Therapies for Mitochondrial Disorders. <i>Neurotherapeutics</i> , 2013, 10, 320-328.	2.1	13
25	Childhood Absence Epilepsy Successfully Treated with the Paleolithic Ketogenic Diet. <i>Neurology and Therapy</i> , 2013, 2, 71-76.	1.4	18
26	Good outcome in patients with early dietary treatment of <scp>GLUT</scp>â€1 deficiency syndrome: results from a retrospective Norwegian study. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 440-447.	1.1	56
27	Seizure control by ketogenic diet-associated medium chain fatty acids. <i>Neuropharmacology</i> , 2013, 69, 105-114.	2.0	116
28	Ketogenic Diets and Thermal Pain: Dissociation of Hypoalgesia, Elevated Ketones, and Lowered Glucose in Rats. <i>Journal of Pain</i> , 2013, 14, 467-474.	0.7	27
29	Should the ketogenic diet be considered for enhancing fertility?. <i>Maturitas</i> , 2013, 74, 10-13.	1.0	18
30	Glucose metabolism disorders (excluding glycogen myopathies). <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 113, 1689-1694.	1.0	4
31	Adenosine Kinase: Exploitation for Therapeutic Gain. <i>Pharmacological Reviews</i> , 2013, 65, 906-943.	7.1	246
32	Ketogenic Diet in Epileptic Encephalopathies. <i>Epilepsy Research & Treatment</i> , 2013, 2013, 1-5.	1.4	12
33	A review of traditional and novel treatments for seizures in autism spectrum disorder: findings from a systematic review and expert panel. <i>Frontiers in Public Health</i> , 2013, 1, 31.	1.3	72
34	Potential Therapeutic Use of the Ketogenic Diet in Autism Spectrum Disorders. <i>Frontiers in Pediatrics</i> , 2014, 2, 69.	0.9	59
35	Ketogenic Diet for Obesity: Friend or Foe?. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 2092-2107.	1.2	228
36	Gait-specific adaptation of locomotor activity in response to dietary restriction in <i>Caenorhabditis elegans</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 2480-8.	0.8	23
37	The ketogenic diet and other dietary treatments for refractory epilepsy in children. <i>Annals of Indian Academy of Neurology</i> , 2014, 17, 253.	0.2	28

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38	Bioenergetic medicine. <i>British Journal of Pharmacology</i> , 2014, 171, 1854-1869.	2.7	37
39	The ketogenic diet component decanoic acid increases mitochondrial citrate synthase and complex I activity in neuronal cells. <i>Journal of Neurochemistry</i> , 2014, 129, 426-433.	2.1	153
40	Cognitive Outcomes in Febrile Infection-Related Epilepsy Syndrome Treated With the Ketogenic Diet. <i>Pediatrics</i> , 2014, 134, e1431-e1435.	1.0	59
41	The Ketogenic Diet: Initiation at Goal Calories Versus Gradual Caloric Advancement. <i>Pediatric Neurology</i> , 2014, 50, 26-30.	1.0	12
42	The Ketogenic Diet for the Treatment of Pediatric Status Epilepticus. <i>Pediatric Neurology</i> , 2014, 50, 101-103.	1.0	53
43	Ketogenic diets, mitochondria, and neurological diseases. <i>Journal of Lipid Research</i> , 2014, 55, 2211-2228.	2.0	190
44	Ketone body therapy: from the ketogenic diet to the oral administration of ketone ester. <i>Journal of Lipid Research</i> , 2014, 55, 1818-1826.	2.0	109
45	Non-Pharmacologic Management of Epilepsy. <i>Indian Journal of Pediatrics</i> , 2014, 81, 1073-1080.	0.3	7
46	Non-pharmacological treatment options for refractory epilepsy: An overview of human treatment modalities and their potential utility in dogs. <i>Veterinary Journal</i> , 2014, 199, 332-339.	0.6	23
47	Early Efficacy of the Ketogenic Diet Is Not Affected by Initial Body Mass Index Percentile. <i>Pediatric Neurology</i> , 2014, 50, 469-473.	1.0	3
48	Dietary therapy in childhood epilepsy, an overview. <i>International Journal of Epilepsy</i> , 2014, 01, 027-035.	0.5	1
49	The ketogenic diet in pharmaco-resistant childhood epilepsy. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 621-628.	1.4	60
50	L-Carnitine is a calcium chelator: a reason for its useful and toxic effects in biological systems. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015, 26, 141-145.	0.7	17
51	First Application of Ketogenic Diet on a Child With Intractable Epilepsy in Ghana. <i>Child Neurology Open</i> , 2015, 2, 2329048X1560459.	0.5	6
52	High-fat diets and seizure control in myoclonic-astatic epilepsy: A single center's experience. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 25, 184-186.	0.9	7
53	Ten-Year Single-Center Experience of the Ketogenic Diet: Factors Influencing Efficacy, Tolerability, and Compliance. <i>Journal of Pediatrics</i> , 2015, 166, 1030-1036.e1.	0.9	66
54	Treatment of pediatric epilepsy in Poland. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 320-326.	0.7	2
55	Diagnosis and Management of Childhood Epilepsy. <i>Current Problems in Pediatric and Adolescent Health Care</i> , 2015, 45, 3-17.	0.8	17

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56	Anti-inflammatory drugs in epilepsy: does it impact epileptogenesis?. <i>Expert Opinion on Drug Safety</i> , 2015, 14, 583-592.	1.0	61
57	Autism and Medical Comorbidities. <i>Key Issues in Mental Health</i> , 2015, , 20-33.	0.6	2
58	Ketogenic diets in patients with inherited metabolic disorders. <i>Journal of Inherited Metabolic Disease</i> , 2015, 38, 765-773.	1.7	56
59	Keep the fire burning: Current avenues in the quest of treating mitochondrial disorders. <i>Mitochondrion</i> , 2015, 24, 32-49.	1.6	15
60	Effect of a ketogenic diet on autism spectrum disorder: A systematic review. <i>Research in Autism Spectrum Disorders</i> , 2015, 20, 31-38.	0.8	38
61	Î ² -Hydroxybutyrate attenuates NMDA-induced spasms in rats with evidence of neuronal stabilization on MR spectroscopy. <i>Epilepsy Research</i> , 2015, 117, 125-132.	0.8	31
62	Dietary and Medication Adjustments to Improve Seizure Control in Patients Treated With the Ketogenic Diet. <i>Journal of Child Neurology</i> , 2015, 30, 53-57.	0.7	16
63	Tissue Specific Impacts of a Ketogenic Diet on Mitochondrial Dynamics in the BTBRT+tf/j Mouse. <i>Frontiers in Physiology</i> , 2016, 7, 654.	1.3	30
64	The Ketogenic Diet: A Practical Guide for Pediatricians. <i>Pediatric Annals</i> , 2016, 45, e446-e450.	0.3	29
65	Ketogenic diet exposure during the juvenile period increases social behaviors and forebrain neural activation in adult Engrailed 2 null mice. <i>Physiology and Behavior</i> , 2016, 161, 90-98.	1.0	40
66	Non-invasive treatment options for focal cortical dysplasia. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1537-1541.	0.8	2
67	Epilepsy in Neurological Phenotypes of Epidermal Nevus Syndrome. <i>Journal of Pediatric Epilepsy</i> , 2016, 05, 097-110.	0.1	8
69	Canine versus human epilepsy: are we up to date?. <i>Journal of Small Animal Practice</i> , 2016, 57, 115-121.	0.5	16
70	Adenosinergic signaling in epilepsy. <i>Neuropharmacology</i> , 2016, 104, 131-139.	2.0	107
71	The effect of ketogenic diet in an animal model of autism induced by prenatal exposure to valproic acid. <i>Nutritional Neuroscience</i> , 2017, 20, 343-350.	1.5	67
72	Ketogenic diet: Predictors of seizure control. <i>SAGE Open Medicine</i> , 2017, 5, 205031211771288.	0.7	10
73	The efficacy of the ketogenic diet in infants and young children with refractory epilepsies using a formula-based powder. <i>Acta Neurologica Belgica</i> , 2017, 117, 175-182.	0.5	12
74	The use of a formula-based ketogenic diet in children with refractory epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2017, 75, 234-237.	0.3	9

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75	Feasibility and efficacy data from a ketogenic diet intervention in Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 28-36.	1.8	199
76	A pragmatic study on efficacy, tolerability and long term acceptance of ketogenic diet therapy in 74 South Indian children with pharmaco-resistant epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 58, 41-46.	0.9	25
77	Ketogenic diets attenuate cyclooxygenase and lipoxygenase gene expression in multiple sclerosis. <i>EBioMedicine</i> , 2018, 36, 293-303.	2.7	46
78	Breath profiles of children on ketogenic therapy. <i>Journal of Breath Research</i> , 2018, 12, 036021.	1.5	17
79	Ketogenic diet effects on 52 children with pharmaco-resistant epileptic encephalopathy: A clinical prospective study. <i>Brain and Behavior</i> , 2018, 8, e00973.	1.0	17
80	Potential Synergies of β -Hydroxybutyrate and Butyrate on the Modulation of Metabolism, Inflammation, Cognition, and General Health. <i>Journal of Nutrition and Metabolism</i> , 2018, 2018, 1-13.	0.7	102
81	Regulation of Extracellular Adenosine. , 2018, , 13-32.		6
82	A Ketogenic Diet Improves Mitochondrial Biogenesis and Bioenergetics via the PGC1 α -SIRT3-UCP2 Axis. <i>Neurochemical Research</i> , 2019, 44, 22-37.	1.6	116
83	The management of very low-calorie ketogenic diet in obesity outpatient clinic: a practical guide. <i>Journal of Translational Medicine</i> , 2019, 17, 356.	1.8	102
84	Medical foods in Alzheimer's disease. <i>Food Science and Human Wellness</i> , 2019, 8, 1-7.	2.2	19
85	Metformin Alleviates the Bone Loss Induced by Ketogenic Diet: An In Vivo Study in Mice. <i>Calcified Tissue International</i> , 2019, 104, 59-69.	1.5	22
86	Yield of laboratory testing in pediatric ketogenic diet patients: Critical assessment of abnormal results and impact on clinical care. <i>Epilepsy Research</i> , 2019, 149, 70-75.	0.8	1
87	Epigenetics and epilepsy prevention: The therapeutic potential of adenosine and metabolic therapies. <i>Neuropharmacology</i> , 2020, 167, 107741.	2.0	50
88	A unifying mechanism of ketogenic diet action: The multiple roles of nicotinamide adenine dinucleotide. <i>Epilepsy Research</i> , 2020, 167, 106469.	0.8	15
89	The efficacy and safety of a ketogenic diet for children with refractory epilepsy in China: a retrospective single-center cohort study. <i>Translational Pediatrics</i> , 2020, 9, 561-566.	0.5	8
90	β -OHB Protective Pathways in Aralar-KO Neurons and Brain: An Alternative to Ketogenic Diet. <i>Journal of Neuroscience</i> , 2020, 40, 9293-9305.	1.7	18
91	Ketogenic diet for infants with epilepsy: A literature review. <i>Epilepsy and Behavior</i> , 2020, 112, 107361.	0.9	46
92	Use of Unconventional Therapies in Super-refractory Status Epilepticus: A Case Report and Literature Review. <i>Clinical EEG and Neuroscience</i> , 2022, 53, 70-73.	0.9	5

#	ARTICLE	IF	CITATIONS
93	Neurodevelopmental Disorders: Effect of High-Fat Diet on Synaptic Plasticity and Mitochondrial Functions. <i>Brain Sciences</i> , 2020, 10, 805.	1.1	15
94	Preclinical testing of the ketogenic diet in fragile X mice. <i>Neurochemistry International</i> , 2020, 134, 104687.	1.9	16
95	A ketogenic diet differentially affects neuron and astrocyte transcription. <i>Journal of Neurochemistry</i> , 2021, 157, 1930-1945.	2.1	15
96	Comparative analysis of the chemical and biochemical synthesis of keto acids. <i>Biotechnology Advances</i> , 2021, 47, 107706.	6.0	29
97	Increased branched-chain amino acids at baseline and hours before a spontaneous seizure in the human epileptic brain. <i>Epilepsia</i> , 2021, 62, e88-e97.	2.6	6
98	Incidence and Characteristics of Kidney Stones in Patients on Ketogenic Diet: A Systematic Review and Meta-Analysis. <i>Diseases (Basel, Switzerland)</i> , 2021, 9, 39.	1.0	25
99	Ketogenic Diet and Epilepsy: The Role of Adenosine. , 2013, , 581-598.		1
100	The Ketogenic Diet. , 2012, , 836-853.		1
101	Adenosine dysfunction and adenosine kinase in epileptogenesis. <i>The Open Neuroscience Journal</i> , 2010, 4, 93-101.	0.8	25
102	Acute Tubular Necrosis associated with the Ketogenic Diet in a Child with Intractable Epilepsy. <i>Childhood Kidney Diseases</i> , 2019, 23, 48-52.	0.1	1
103	The use of ketogenic diet in special situations: expanding use in intractable epilepsy and other neurologic disorders. <i>Korean Journal of Pediatrics</i> , 2012, 55, 366.	1.9	1
106	A Low-carbohydrate and High-fat Diet. <i>The Korean Journal of Obesity</i> , 2016, 25, 188-189.	0.2	1
107	Estrat�gias nutricionais para o tratamento da s�ndrome metab�lica. , 0, , 295-332.		0
108	What Is Epilepsy?. , 2018, , 1-25.		0
109	Ketogenic diet in epilepsy: an updated review. <i>Journal of Epileptology</i> , 2018, 26, 27-47.	0.2	1
110	Classic ketogenic diet (and its modifications) - the therapy for epileptiform conditions caused by some defects of carbohydrate and fat metabolism. Part I. Ketogenic diet mechanisms of action. <i>Psichi�eskoe Zdror�e</i> , 2018, , 66-83.	0.0	0
111	Neurodevelopmental Disorders in Children. , 2020, , 493-515.		0
112	Dieta cetog�nica: mecanismos en el control de la epilepsia refractaria. <i>Ars Medica</i> , 2020, 45, 51-56.	0.1	0

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113	Social and Economic Challenges to Implementing the Ketogenic Diet: A Case Series. <i>Journal of Pediatric Epilepsy</i> , 2021, 10, 037-042.	0.1	1
114	Influence of Ketogenic Diet and Phenytoin Sodium on Isoniazid Induced Epilepsy in Wistar Rats. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, 1024-1030.	0.3	0
115	What Is Epilepsy?. , 2020, , 2123-2141.		0
117	A Journey of Dietary Therapies for Epilepsy in Iran: Diet Restriction in the Ancient Era to the Ketogenic Diet in the Modern Period. <i>Iranian Journal of Child Neurology</i> , 2019, 13, 7-24.	0.2	0
118	Novel UBE3A pathogenic variant in a large Georgian family produces non-convulsive status epilepticus responsive to ketogenic diet. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022, 94, 70-73.	0.9	5
119	VLCKD: a real time safety study in obesity. <i>Journal of Translational Medicine</i> , 2022, 20, 23.	1.8	26
120	AGC1 Deficiency: Pathology and Molecular and Cellular Mechanisms of the Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 528.	1.8	8
121	Nicotinamide Adenine Dinucleotide as a Central Mediator of Ketogenic Therapy. , 2022, , 371-386.		0
122	Innovative, Sugar-Free Oral Hydrogel as a Co-administrative Vehicle for Pediatrics: a Strategy to Enhance Patient Compliance. <i>AAPS PharmSciTech</i> , 2022, 23, 107.	1.5	4
123	Effects of ketosis on cocaine-induced reinstatement in male mice. <i>Neuroscience Letters</i> , 2022, 778, 136619.	1.0	2
124	Autism spectrum disorders and epilepsy: dual diagnosis and therapeutic strategies (literature review). <i>Ukrains Kyi Visnyk Psykhonevrolohii</i> , 2021, , 36-44.	0.0	0
125	Methanol leaf extract of <i>Paullinia pinnata</i> exerts sleep-enhancing and anticonvulsant effects via a mechanism involving the GABAergic pathway. <i>Epilepsy Research</i> , 2022, 183, 106943.	0.8	3
126	Cognitive profile of male mice exposed to a Ketogenic Diet. <i>Physiology and Behavior</i> , 2022, 254, 113883.	1.0	9
127	Lipoid Pneumoniaâ€”A Case of Refractory Pneumonia in a Child Treated with Ketogenic Diet. <i>Pneumonologia I Alergologia Polska</i> , 2013, 81, 448-452.	0.6	6
128	Ketogenic Nutrition and Health. <i>İlçmir Democracy University Health Sciences Journal</i> , 0, , .	0.4	0
129	The Role of Ketogenic Diet in the Treatment of Neuroblastoma. <i>Integrative Cancer Therapies</i> , 2023, 22, 153473542211507.	0.8	2
130	A ketogenic diet containing medium-chain triglycerides reduces REM sleep duration without significant influence on mouse circadian phenotypes. <i>Food Research International</i> , 2023, 169, 112852.	2.9	3
132	Mitochondrial dynamics in health and disease: mechanisms and potential targets. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	25

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136	Does a Ketogenic Diet Have a Place Within Diabetes Clinical Practice? Review of Current Evidence and Controversies. Diabetes Therapy, 0, , .	1.2	2