

2,4-Dinitrophenol (DNP): A Weight Loss Agent with Significant Death

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Uncoupling Protein 1 of Brown Adipocytes, the Only Uncoupler: A Historical Perspective. <i>Frontiers in Endocrinology</i> , 2011, 2, 85.	1.5	108
2	Recent progress in the study of brown adipose tissue. <i>Cell and Bioscience</i> , 2011, 1, 35.	2.1	30
3	Toxicity evaluation of some traditional African spices on breast cancer cells and isolated rat hepatic mitochondria. <i>Food and Chemical Toxicology</i> , 2012, 50, 4199-4208.	1.8	17
4	Mitochondria and endocrine function of adipose tissue. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 791-804.	2.2	70
5	Discovery of nitrophenols as GPR35 agonists. <i>MedChemComm</i> , 2012, 3, 1270.	3.5	12
6	N-Terminally Glutamate-Substituted Analogue of Gramicidin A as Protonophore and Selective Mitochondrial Uncoupler. <i>PLoS ONE</i> , 2012, 7, e41919.	1.1	16
7	Toxicity of Weight Loss Agents. <i>Journal of Medical Toxicology</i> , 2012, 8, 145-152.	0.8	100
8	Writing an Effective Review Article. <i>Journal of Medical Toxicology</i> , 2012, 8, 89-90.	0.8	42
9	Drug-Induced Hyperthermic Syndromes. <i>Emergency Medicine Clinics of North America</i> , 2013, 31, 1019-1033.	0.5	14
10	Biomarkers of oral exposure to 3-nitro-1,2,4-triazol-5-one (NTO) and 2,4-dinitroanisole (DNAN) in blood and urine of rhesus macaques (<i>Macaca mulatta</i>). <i>Biomarkers</i> , 2013, 18, 587-594.	0.9	22
11	Human adipose dynamics and metabolic health. <i>Annals of the New York Academy of Sciences</i> , 2013, 1281, 160-177.	1.8	50
13	A fat chance of slimming. <i>BMJ, The</i> , 2013, 347, f7389-f7389.	3.0	0
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15	A real burnout: death due to 2, 4-dinitrophenol poisoning. <i>Anaesthesia Cases</i> , 2014, 2, 9-10.	0.0	0
16	ThermoMouse: An In Vivo Model to Identify Modulators of UCP1 Expression in Brown Adipose Tissue. <i>Cell Reports</i> , 2014, 9, 1584-1593.	2.9	94
17	20 YEARS OF LEPTIN: Leptin at 20: an overview. <i>Journal of Endocrinology</i> , 2014, 223, T1-T8.	1.2	188
18	Mitochondria-targeting particles. <i>Nanomedicine</i> , 2014, 9, 2531-2543.	1.7	71
19	Modulation of adipose tissue thermogenesis as a method for increasing energy expenditure. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 425-429.	1.0	11

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21	Mitochondrial uncoupling reduces exercise capacity despite several skeletal muscle metabolic adaptations. <i>Journal of Applied Physiology</i> , 2014, 116, 364-375.	1.2	29
22	A New Era in Brown Adipose Tissue Biology: Molecular Control of Brown Fat Development and Energy Homeostasis. <i>Annual Review of Physiology</i> , 2014, 76, 225-249.	5.6	348
23	EU alerting and reporting systems for potential chemical public health threats and hazards. <i>Environment International</i> , 2014, 72, 15-25.	4.8	16
24	Metformin directly acts on mitochondria to alter cellular bioenergetics. <i>Cancer & Metabolism</i> , 2014, 2, 12.	2.4	330
25	Advances in Development of Rechargeable Mitochondrial Antioxidants. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 127, 251-265.	0.9	21
26	A short-chain alkyl derivative of Rhodamine 19 acts as a mild uncoupler of mitochondria and a neuroprotector. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1739-1747.	0.5	34
27	Tuning the hydrophobicity overcomes unfavorable deprotonation making octylamino-substituted 7-nitrobenz-2-oxa-1,3-diazole (n-octylamino-NBD) a protonophore and uncoupler of oxidative phosphorylation in mitochondria. <i>Bioelectrochemistry</i> , 2014, 98, 30-38.	2.4	25
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29	OXPHOS, Pyrimidine Nucleotides, and Alzheimer's Disease: A Pharmacogenomics Approach. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 87-96.	1.2	14
30	Diet pills and the cataract outbreak of 1935: reflections on the evolution of consumer protection legislation. <i>Survey of Ophthalmology</i> , 2014, 59, 568-573.	1.7	1
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36	Cutaneous drug toxicity from 2,4-dinitrophenol (<sc>DNP</sc>): Case report and histological description. <i>Australasian Journal of Dermatology</i> , 2015, 56, 307-309.	0.4	5
37	The Dangerous Mix of Adolescents and Dietary Supplements for Weight Loss and Muscle Building. <i>Journal of Public Health Management and Practice</i> , 2015, 21, 496-503.	0.7	27
38	Weight Loss by Ppc-1, a Novel Small Molecule Mitochondrial Uncoupler Derived from Slime Mold. <i>PLoS ONE</i> , 2015, 10, e0117088.	1.1	12

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40	Opposing tissue-specific roles of angiotensin in the pathogenesis of obesity, and implications for obesity-related hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1463-R1473.	0.9	27
41	Batch and continuous flow anodic oxidation of 2,4-dinitrophenol: Modeling, degradation pathway and toxicity. <i>Journal of Electroanalytical Chemistry</i> , 2015, 756, 108-117.	1.9	44
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46	Brown adipose tissue and bone. <i>International Journal of Obesity Supplements</i> , 2015, 5, S23-S27.	12.5	24
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48	Playing with fire? Factors influencing risk willingness with the unlicensed fat burner drug 2,4-Dinitrophenol (DNP) in young adults. <i>Public Health</i> , 2015, 129, 1519-1522.	1.4	7
49	Novel mitochondrial cationic uncoupler C4R1 is an effective treatment for combating obesity in mice. <i>Biochemistry (Moscow)</i> , 2015, 80, 620-628.	0.7	16
50	Physiology and relevance of human adaptive thermogenesis response. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 238-247.	3.1	45
51	Evaluation of efficacy of resin hemoperfusion in patients with acute 2,4-dinitrophenol poisoning by dynamic monitoring of plasma toxin concentration. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 720-726.	1.3	10
52	Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service. <i>Emergency Medicine Journal</i> , 2015, 32, 383-386.	0.4	41
53	Synthesis of prenylated quinolinecarboxylic acid derivatives and their anti-obesity activities. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 66-72.	1.4	9
54	Novel Browning Agents, Mechanisms, and Therapeutic Potentials of Brown Adipose Tissue. <i>BioMed Research International</i> , 2016, 2016, 1-15.	0.9	63
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56	Post-marketing withdrawal of anti-obesity medicinal products because of adverse drug reactions: a systematic review. <i>BMC Medicine</i> , 2016, 14, 191.	2.3	113

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74	Drug-Induced Mitochondrial Toxicity. <i>Drug Safety</i> , 2016, 39, 661-674.	1.4	56
75	Past, Present, and Future of Pharmacologic Therapy in Obesity. <i>Primary Care - Clinics in Office Practice</i> , 2016, 43, 61-67.	0.7	17

#	Investigation of structural, electronic, and optical properties of the monoclinic and triclinic polymorphs of hexamethylenetetraminium 2,4-dinitrophenolate monohydrate <math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML">	IF	CITATIONS
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79	Dietary supplement 2,4-dinitrophenol resulting in Fournier's gangrene. <i>Journal of Clinical Urology</i> , 2017, 10, 137-138.	0.1	1
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81	Targeted mitochondrial uncoupling beyond UCP1 – The fine line between death and metabolic health. <i>Biochimie</i> , 2017, 134, 77-85.	1.3	37
82	Adulterant or contaminant in MT-45, or coingestion? Reply from the authors. <i>British Journal of Dermatology</i> , 2017, 177, 582-583.	1.4	0
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115	Targeting bacterial energetics to produce new antimicrobials. <i>Drug Resistance Updates</i> , 2018, 36, 1-12.	6.5	72
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