

# Nada A Abumrad

## List of Publications by Year in descending order

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64  
papers

8,108  
citations

81900

39  
h-index

114465

63  
g-index

65  
all docs

65  
docs citations

65  
times ranked

10453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-intrinsic lysosomal lipolysis is essential for alternative activation of macrophages. <i>Nature Immunology</i> , 2014, 15, 846-855.	14.5	856
2	A Null Mutation in Murine CD36 Reveals an Important Role in Fatty Acid and Lipoprotein Metabolism. <i>Journal of Biological Chemistry</i> , 1999, 274, 19055-19062.	3.4	680
3	Defective Uptake and Utilization of Long Chain Fatty Acids in Muscle and Adipose Tissues of CD36 Knockout Mice. <i>Journal of Biological Chemistry</i> , 2000, 275, 32523-32529.	3.4	586
4	Structure-Function of CD36 and Importance of Fatty Acid Signal Transduction in Fat Metabolism. <i>Annual Review of Nutrition</i> , 2014, 34, 281-303.	10.1	413
5	Adipocyte-induced CD36 expression drives ovarian cancer progression and metastasis. <i>Oncogene</i> , 2018, 37, 2285-2301.	5.9	332
6	Regulation of fatty acid uptake into tissues: lipoprotein lipase- and CD36-mediated pathways. <i>Journal of Lipid Research</i> , 2009, 50, S86-S90.	4.2	326
7	Muscle-specific Overexpression of FAT/CD36 Enhances Fatty Acid Oxidation by Contracting Muscle, Reduces Plasma Triglycerides and Fatty Acids, and Increases Plasma Glucose and Insulin. <i>Journal of Biological Chemistry</i> , 1999, 274, 26761-26766.	3.4	315
8	Role of the Gut in Lipid Homeostasis. <i>Physiological Reviews</i> , 2012, 92, 1061-1085.	28.8	278
9	Membrane transport of long-chain fatty acids: evidence for a facilitated process. <i>Journal of Lipid Research</i> , 1998, 39, 2309-2318.	4.2	275
10	Uptake of oxidized lipids by the scavenger receptor CD36 promotes lipid peroxidation and dysfunction in CD8+ T cells in tumors. <i>Immunity</i> , 2021, 54, 1561-1577.e7.	14.3	260
11	The fatty acid translocase gene CD36 and lingual lipase influence oral sensitivity to fat in obese subjects. <i>Journal of Lipid Research</i> , 2012, 53, 561-566.	4.2	245
12	Defective fatty acid uptake modulates insulin responsiveness and metabolic responses to diet in CD36-null mice. <i>Journal of Clinical Investigation</i> , 2002, 109, 1381-1389.	8.2	215
13	CD36 deficiency impairs intestinal lipid secretion and clearance of chylomicrons from the blood. <i>Journal of Clinical Investigation</i> , 2005, 115, 1290-1297.	8.2	203
14	Binding of sulfosuccinimidyl fatty acids to adipocyte membrane proteins: Isolation and amino-terminal sequence of an 88-kD protein implicated in transport of long-chain fatty acids. <i>Journal of Membrane Biology</i> , 1993, 133, 43-9.	2.1	186
15	Variants in the CD36 gene associate with the metabolic syndrome and high-density lipoprotein cholesterol. <i>Human Molecular Genetics</i> , 2008, 17, 1695-1704.	2.9	164
16	Regulation of AMPK Activation by CD36 Links Fatty Acid Uptake to $\beta^2$ -Oxidation. <i>Diabetes</i> , 2015, 64, 353-359.	0.6	163
17	A common haplotype at the CD36 locus is associated with high free fatty acid levels and increased cardiovascular risk in Caucasians. <i>Human Molecular Genetics</i> , 2004, 13, 2197-2205.	2.9	161
18	Defective fatty acid uptake modulates insulin responsiveness and metabolic responses to diet in CD36-null mice. <i>Journal of Clinical Investigation</i> , 2002, 109, 1381-1389.	8.2	161

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19	CD36 Is Important for Chylomicron Formation and Secretion and May Mediate Cholesterol Uptake in the Proximal Intestine. <i>Gastroenterology</i> , 2006, 131, 1197-1207.	1.3	160
20	Endothelial cell CD36 optimizes tissue fatty acid uptake. <i>Journal of Clinical Investigation</i> , 2018, 128, 4329-4342.	8.2	148
21	Sulfo-N-succinimidyl Oleate (SSO) Inhibits Fatty Acid Uptake and Signaling for Intracellular Calcium via Binding CD36 Lysine 164. <i>Journal of Biological Chemistry</i> , 2013, 288, 15547-15555.	3.4	145
22	Luminal Lipid Regulates CD36 Levels and Downstream Signaling to Stimulate Chylomicron Synthesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 25201-25210.	3.4	110
23	CD36-dependent Regulation of Muscle FoxO1 and PDK4 in the PPAR $\alpha$ / $\beta$ -mediated Adaptation to Metabolic Stress. <i>Journal of Biological Chemistry</i> , 2008, 283, 14317-14326.	3.4	108
24	CD36-Facilitated Fatty Acid Uptake Inhibits Leptin Production and Signaling in Adipose Tissue. <i>Diabetes</i> , 2007, 56, 1872-1880.	0.6	100
25	Chylomicron- and VLDL-derived Lipids Enter the Heart through Different Pathways. <i>Journal of Biological Chemistry</i> , 2010, 285, 37976-37986.	3.4	98
26	CD36-dependent signaling mediates fatty acid-induced gut release of secretin and cholecystokinin. <i>FASEB Journal</i> , 2013, 27, 1191-1202.	0.5	90
27	CD36 in Myocytes Channels Fatty Acids to a Lipase-Accessible Triglyceride Pool That Is Related to Cell Lipid and Insulin Responsiveness. <i>Diabetes</i> , 2004, 53, 2209-2216.	0.6	84
28	CD36 may determine our desire for dietary fats. <i>Journal of Clinical Investigation</i> , 2005, 115, 2965-2967.	8.2	74
29	The Extracellular Matrix Protein MAGP1 Supports Thermogenesis and Protects Against Obesity and Diabetes Through Regulation of TGF- $\beta$ 2. <i>Diabetes</i> , 2014, 63, 1920-1932.	0.6	68
30	Visceral obesity and insulin resistance associate with CD36 deletion in lymphatic endothelial cells. <i>Nature Communications</i> , 2021, 12, 3350.	12.8	66
31	CD36 is indispensable for thermogenesis under conditions of fasting and cold stress. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 520-525.	2.1	65
32	Intestinal CD36 and Other Key Proteins of Lipid Utilization: Role in Absorption and Gut Homeostasis. , 2018, 8, 493-507.		65
33	CD36 level and trafficking are determinants of lipolysis in adipocytes. <i>FASEB Journal</i> , 2012, 26, 4733-4742.	0.5	60
34	Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. <i>American Journal of Human Genetics</i> , 2016, 99, 8-21.	6.2	60
35	Perilipin 5-Driven Lipid Droplet Accumulation in Skeletal Muscle Stimulates the Expression of Fibroblast Growth Factor 21. <i>Diabetes</i> , 2015, 64, 2757-2768.	0.6	56
36	ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. <i>Cell Reports</i> , 2015, 11, 1625-1637.	6.4	55

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37	Major role of adipocyte prostaglandin E2 in lipolysis-induced macrophage recruitment. <i>Journal of Lipid Research</i> , 2016, 57, 663-673.	4.2	54
38	Transfer of Cell-Surface Antigens by Scavenger Receptor CD36 Promotes Thymic Regulatory T Cell Receptor Repertoire Development and Allo-tolerance. <i>Immunity</i> , 2018, 48, 923-936.e4.	14.3	54
39	Fatty acid 2-hydroxylation inhibits tumor growth and increases sensitivity to cisplatin in gastric cancer. <i>EBioMedicine</i> , 2019, 41, 256-267.	6.1	50
40	Endothelial Cell Receptors in Tissue Lipid Uptake and Metabolism. <i>Circulation Research</i> , 2021, 128, 433-450.	4.5	48
41	Lipokine 5-PAHSA Is Regulated by Adipose Triglyceride Lipase and Primes Adipocytes for De Novo Lipogenesis in Mice. <i>Diabetes</i> , 2020, 69, 300-312.	0.6	43
42	CD36 Deficiency Impairs the Small Intestinal Barrier and Induces Subclinical Inflammation in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 82-98.	4.5	42
43	Regulation of Insulin Receptor Pathway and Glucose Metabolism by CD36 Signaling. <i>Diabetes</i> , 2018, 67, 1272-1284.	0.6	41
44	Deregulated Lipid Sensing by Intestinal CD36 in Diet-Induced Hyperinsulinemic Obese Mouse Model. <i>PLoS ONE</i> , 2016, 11, e0145626.	2.5	32
45	Protein Phosphorylation in Intact Bovine Epididymal Spermatozoa: Identification of the Type II Regulatory Subunit of Cyclic Adenosine 3',5'-Monophosphate- Dependent Protein Kinase as an Endogenous Phosphoprotein1. <i>Biology of Reproduction</i> , 1987, 37, 171-180.	2.7	30
46	The Liver as a Hub in Thermogenesis. <i>Cell Metabolism</i> , 2017, 26, 454-455.	16.2	30
47	Dietary Lipids Inform the Gut and Brain about Meal Arrival via CD36-Mediated Signal Transduction. <i>Journal of Nutrition</i> , 2015, 145, 2195-2200.	2.9	26
48	Higher chylomicron remnants and LDL particle numbers associate with CD36 SNPs and DNA methylation sites that reduce CD36. <i>Journal of Lipid Research</i> , 2016, 57, 2176-2184.	4.2	26
49	Variant in a common odorant-binding protein gene is associated with bitter sensitivity in people. <i>Behavioural Brain Research</i> , 2017, 329, 200-204.	2.2	24
50	A Common CD36 Variant Influences Endothelial Function and Response to Treatment with Phosphodiesterase 5 Inhibition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2751-2758.	3.6	18
51	Parkin reinvents itself to regulate fatty acid metabolism by tagging CD36. <i>Journal of Clinical Investigation</i> , 2011, 121, 3389-3392.	8.2	18
52	Three Dimensional Structure Prediction of Fatty Acid Binding Site on Human Transmembrane Receptor CD36. <i>Bioinformatics and Biology Insights</i> , 2013, 7, BBI.S12276.	2.0	17
53	A single bout of resistance exercise improves postprandial lipid metabolism in overweight/obese men with prediabetes. <i>Diabetologia</i> , 2020, 63, 611-623.	6.3	16
54	HIV infection does not prevent the metabolic benefits of diet-induced weight loss in women with obesity. <i>Obesity</i> , 2017, 25, 682-688.	3.0	14

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55	Regulation of lipophagy in NAFLD by cellular metabolism and CD36. <i>Journal of Lipid Research</i> , 2019, 60, 755-757.	4.2	14
56	Eruptive xanthoma model reveals endothelial cells internalize and metabolize chylomicrons, leading to extravascular triglyceride accumulation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	14
57	Cd36 knockout mice are protected against lithogenic diet-induced gallstones. <i>Journal of Lipid Research</i> , 2017, 58, 1692-1701.	4.2	13
58	Lipolytic enzymes and free fatty acids at the endothelial interface. <i>Atherosclerosis</i> , 2021, 329, 1-8.	0.8	12
59	CD36 Modulates Fasting and Preabsorptive Hormone and Bile Acid Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1856-1866.	3.6	9
60	A Single Bout of Premeal Resistance Exercise Improves Postprandial Glucose Metabolism in Obese Men with Prediabetes. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 694-703.	0.4	9
61	Autoregulation of insulin receptor signaling through MFGE8 and the $\alpha_5\beta_1$ integrin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
62	CD36 maintains the gastric mucosa and associates with gastric disease. <i>Communications Biology</i> , 2021, 4, 1247.	4.4	8
63	Moving Beyond "Good Fat, Bad Fat": The Complex Roles of Dietary Lipids in Cellular Function and Health. <i>Advances in Nutrition</i> , 2012, 3, 60-68.	6.4	4
64	Transport of fatty acid in the isolated rat adipocyte and in differentiating preadipose cells. <i>Biochemical Society Transactions</i> , 1990, 18, 1130-1132.	3.4	3