

The Obesity-Associated *FTO* Gene Encodes a 2-O Demethylase

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Inverse relationship between obesity and FTO gene expression in visceral adipose tissue in humans. <i>Diabetologia</i> , 2008, 51, 641-647.	2.9	92
2	The search for putative unifying genetic factors for components of the metabolic syndrome. <i>Diabetologia</i> , 2008, 51, 2242-2251.	2.9	63
3	Assessing gene-treatment interactions at the FTO and INSIG2 loci on obesity-related traits in the Diabetes Prevention Program. <i>Diabetologia</i> , 2008, 51, 2214-2223.	2.9	95
4	Genes and type 2 diabetes mellitus. <i>Current Diabetes Reports</i> , 2008, 8, 192-197.	1.7	55
6	Variations in the FTO gene are associated with severe obesity in the Japanese. <i>Journal of Human Genetics</i> , 2008, 53, 546-553.	1.1	219
7	FTO gene SNPs associated with extreme obesity in cases, controls and extremely discordant sister pairs. <i>BMC Medical Genetics</i> , 2008, 9, 4.	2.1	81
8	Impact of nine common type 2 diabetes risk polymorphisms in Asian Indian Sikhs: PPARG2 (Pro12Ala), IGF2BP2, TCF7L2 and FTO variants confer a significant risk. <i>BMC Medical Genetics</i> , 2008, 9, 59.	2.1	235
9	'Fat mass and obesity associated' gene (FTO): No significant association of variant rs9939609 with weight loss in a lifestyle intervention and lipid metabolism markers in German obese children and adolescents. <i>BMC Medical Genetics</i> , 2008, 9, 85.	2.1	94
10	Association between the FTO rs9939609 polymorphism and the metabolic syndrome in a non-Caucasian multi-ethnic sample. <i>Cardiovascular Diabetology</i> , 2008, 7, 5.	2.7	87
11	Impact on weight dynamics and general growth of the common FTO rs9939609: a longitudinal Danish cohort study. <i>International Journal of Obesity</i> , 2008, 32, 1388-1394.	1.6	59
12	Genetic influence on appetite in children. <i>International Journal of Obesity</i> , 2008, 32, 1468-1473.	1.6	182
13	Human obesity as a heritable disorder of the central control of energy balance. <i>International Journal of Obesity</i> , 2008, 32, S55-S61.	1.6	106
14	Crystal structures of DNA/RNA repair enzymes AlkB and ABH2 bound to dsDNA. <i>Nature</i> , 2008, 452, 961-965.	13.7	230
15	Impact of Variation in the <i>FTO</i> Gene on Whole Body Fat Distribution, Ectopic Fat, and Weight Loss. <i>Obesity</i> , 2008, 16, 1969-1972.	1.5	102
16	Replication of Genetic Effects of <i>FTO</i> Polymorphisms on BMI in a Korean Population. <i>Obesity</i> , 2008, 16, 2187-2189.	1.5	98
17	Polymorphisms of the <i>FTO</i> Gene Are Associated With Variation in Energy Intake, but not Energy Expenditure. <i>Obesity</i> , 2008, 16, 1961-1965.	1.5	281
18	The <i>FTO</i> Gene Is Associated With Adulthood Obesity in the Mexican Population. <i>Obesity</i> , 2008, 16, 2296-2301.	1.5	164
19	<i>FTO</i> Polymorphisms Are Associated With Obesity but Not Diabetes Risk in Postmenopausal Women. <i>Obesity</i> , 2008, 16, 2472-2480.	1.5	74

#	ARTICLE	IF	CITATIONS
20	The <i>FTO</i> Gene and Obesity in a Large Eastern European Population Sample: The HAPIEE Study. <i>Obesity</i> , 2008, 16, 2764-2766.	1.5	61
21	Increasing Heritability of BMI and Stronger Associations With the <i>FTO</i> Gene Over Childhood. <i>Obesity</i> , 2008, 16, 2663-2668.	1.5	151
22	Expanding chemical biology of 2-oxoglutarate oxygenases. <i>Nature Chemical Biology</i> , 2008, 4, 152-156.	3.9	438
23	<i>FTO</i> : the first gene contributing to common forms of human obesity. <i>Obesity Reviews</i> , 2008, 9, 246-250.	3.1	263
24	Genetics: how the UKPDS contributed to determining the genetic landscape of Type 2 diabetes. <i>Diabetic Medicine</i> , 2008, 25, 35-40.	1.2	8
25	Oxidative demethylation of 3-methylthymine and 3-methyluracil in single-stranded DNA and RNA by mouse and human <i>FTO</i> . <i>FEBS Letters</i> , 2008, 582, 3313-3319.	1.3	359
26	AlkB demethylases flip out in different ways. <i>DNA Repair</i> , 2008, 7, 1916-1923.	1.3	42
27	Obesity Associated Genetic Variation in <i>FTO</i> Is Associated with Diminished Satiety. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3640-3643.	1.8	443
28	Epidemiological Study Designs to Investigate Gene-Behavior Interactions in the Context of Human Obesity. <i>Obesity</i> , 2008, 16, S66-71.	1.5	18
29	Mutations in ligands and receptors of the leptin-melanocortin pathway that lead to obesity. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2008, 4, 569-577.	2.9	225
30	Epigenetic codes in cognition and behaviour. <i>Behavioural Brain Research</i> , 2008, 192, 70-87.	1.2	245
31	Major gender difference in association of <i>FTO</i> gene variant among severely obese children with obesity and obesity related phenotypes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 476-482.	1.0	105
32	<i>FTO</i> gene associates to metabolic syndrome in women with polycystic ovary syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 230-234.	1.0	80
33	The Emerging Genetic Architecture of Type 2 Diabetes. <i>Cell Metabolism</i> , 2008, 8, 186-200.	7.2	271
34	Type 2 diabetes: pathogenesis and treatment. <i>Lancet</i> , The, 2008, 371, 2153-2156.	6.3	103
35	The human oxygen sensing machinery and its manipulation. <i>Chemical Society Reviews</i> , 2008, 37, 1308.	18.7	100
36	Ferrous-ketoglutarate hydroxylases involved in nucleobase, nucleoside, nucleotide, and chromatin metabolism. <i>Dalton Transactions</i> , 2008, , 5132.	1.6	53
37	An Obesity-Associated <i>FTO</i> Gene Variant and Increased Energy Intake in Children. <i>New England Journal of Medicine</i> , 2008, 359, 2558-2566.	13.9	608

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38	Physical Activity and the Association of Common FTO Gene Variants With Body Mass Index and Obesity. Archives of Internal Medicine, 2008, 168, 1791.	4.3	237
39	Is Obesity Our Genetic Legacy?. Journal of Clinical Endocrinology and Metabolism, 2008, 93, s51-s56.	1.8	59
40	Genetic Variants of <i>FTO</i> Influence Adiposity, Insulin Sensitivity, Leptin Levels, and Resting Metabolic Rate in the Quebec Family Study. Diabetes, 2008, 57, 1147-1150.	0.3	206
41	Courting melanocortin. Science-Business EXchange, 2008, 1, 397-397.	0.0	0
42	Fat Mass and Obesity-Associated (<i>FTO</i>) Gene Variant Is Associated With Obesity. Diabetes, 2008, 57, 3145-3151.	0.3	135
43	Early-Onset Lymphoma and Extensive Embryonic Apoptosis in Two Domain-Specific <i>Fen1</i> Mice Mutants. Cancer Research, 2008, 68, 4571-4579.	0.4	37
44	The Obesity Gene, FTO, Is of Ancient Origin, Up-Regulated during Food Deprivation and Expressed in Neurons of Feeding-Related Nuclei of the Brain. Endocrinology, 2008, 149, 2062-2071.	1.4	309
45	Human AlkB Homolog 1 Is a Mitochondrial Protein That Demethylates 3-Methylcytosine in DNA and RNA. Journal of Biological Chemistry, 2008, 283, 25046-25056.	1.6	160
46	Regulation of <i>Fto/Ftm</i> gene expression in mice and humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1185-R1196.	0.9	270
47	Human Obesity: A Heritable Neurobehavioral Disorder That Is Highly Sensitive to Environmental Conditions. Diabetes, 2008, 57, 2905-2910.	0.3	160
48	The FTO (fat mass and obesity-associated) gene: big in adipocyte lipolysis?. Journal of Lipid Research, 2008, 49, 495-496.	2.0	4
49	Eating rate is a heritable phenotype related to weight in children. American Journal of Clinical Nutrition, 2008, 88, 1560-1566.	2.2	181
50	The Vascular Trigger of Type II Diabetes Mellitus. Experimental and Clinical Endocrinology and Diabetes, 2008, 116, S21-S25.	0.6	16
51	Polygenic Obesity in Humans. Obesity Facts, 2008, 1, 35-42.	1.6	62
52	Erasing the methyl mark: histone demethylases at the center of cellular differentiation and disease. Genes and Development, 2008, 22, 1115-1140.	2.7	581
53	Metabolic and cardiovascular traits: an abundance of recently identified common genetic variants. Human Molecular Genetics, 2008, 17, R102-R108.	1.4	75
54	The Association between the FTO Gene and Fat Mass in Humans Develops by the Postnatal Age of Two Weeks. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1501-1505.	1.8	110
55	Update on Obesity. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2027-2034.	1.8	214

#	ARTICLE	IF	CITATIONS
56	Lack of Association of Fatness-Related FTO Gene Variants with Energy Expenditure or Physical Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2904-2908.	1.8	90
57	Appetitive traits and child obesity: measurement, origins and implications for intervention. <i>Proceedings of the Nutrition Society</i> , 2008, 67, 343-355.	0.4	90
58	Fatty acids and glucolipototoxicity in the pathogenesis of Type 2 diabetes. <i>Biochemical Society Transactions</i> , 2008, 36, 348-352.	1.6	166
59	New gene variants alter type 2 diabetes risk predominantly through reduced beta-cell function. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 371-377.	1.3	102
60	New insights into the genetics of body weight. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 378-384.	1.3	25
61	The fat mass and obesity-associated locus and dietary intake in children. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 971-978.	2.2	239
62	Polygenic Contribution to Obesity: Genome-Wide Strategies Reveal New Targets. , 2008, 36, 12-36.		33
63	Progress in the genetics of common obesity: size matters. <i>Current Opinion in Lipidology</i> , 2008, 19, 113-121.	1.2	47
64	Epidemic Inflammation: Pondering Obesity. <i>Molecular Medicine</i> , 2008, 14, 485-492.	1.9	114
65	Association Analysis of the FTO Gene with Obesity in Children of Caucasian and African Ancestry Reveals a Common Tagging SNP. <i>PLoS ONE</i> , 2008, 3, e1746.	1.1	176
66	Non-Replication of Genome-Wide Based Associations between Common Variants in INSIG2 and PFKP and Obesity in Studies of 18,014 Danes. <i>PLoS ONE</i> , 2008, 3, e2872.	1.1	49
67	Oxygenases for oxygen sensing. <i>Pure and Applied Chemistry</i> , 2008, 80, 1837-1847.	0.9	2
68	Smoking-induced long-lasting modifications of human platelet serotonin catabolism through a MAO epigenetic regulation. <i>Nature Precedings</i> , 2008, , .	0.1	0
69	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. <i>PLoS Genetics</i> , 2009, 5, e1000508.	1.5	453
70	Dietary Energy Density Affects Fat Mass in Early Adolescence and Is Not Modified by FTO Variants. <i>PLoS ONE</i> , 2009, 4, e4594.	1.1	58
71	Childhood obesity: are genetic differences involved?. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1494S-1501S.	2.2	101
72	The FTO gene rs9939609 obesity-risk allele and loss of control over eating. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1483-1488.	2.2	216
73	Regulation and Function of <i>FTO</i> mRNA Expression in Human Skeletal Muscle and Subcutaneous Adipose Tissue. <i>Diabetes</i> , 2009, 58, 2402-2408.	0.3	94

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74	A common variant in the FTO gene is associated with body mass index in males and postmenopausal females but not in premenopausal females. Czech post-MONICA and 3PMFs studies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 387-90.	1.4	38
75	Effects of the FTO Gene on Lifestyle Intervention Studies in Children. <i>Obesity Facts</i> , 2009, 2, 393-399.	1.6	26
76	Obesity in Emerging Nations: Evolutionary Origins and the Impact of a Rapid Nutrition Transition. Nestle Nutrition Workshop Series Paediatric Programme, 2009, 63, 47-57.	1.5	15
77	The FTO Gene Is Associated With an Atherogenic Lipid Profile and Myocardial Infarction in Patients With Type 2 Diabetes. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 255-259.	5.1	52
78	Carbon and nitrogen nutrient balance signaling in plants. <i>Plant Signaling and Behavior</i> , 2009, 4, 584-591.	1.2	225
79	Increased Recovery Rates of Phosphocreatine and Inorganic Phosphate after Isometric Contraction in Oxidative Muscle Fibers and Elevated Hepatic Insulin Resistance in Homozygous Carriers of the A-allele of FTO rs9939609. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 596-602.	1.8	28
82	NRXN3 Is a Novel Locus for Waist Circumference: A Genome-Wide Association Study from the CHARGE Consortium. <i>PLoS Genetics</i> , 2009, 5, e1000539.	1.5	230
83	A Mouse Model for the Metabolic Effects of the Human Fat Mass and Obesity Associated FTO Gene. <i>PLoS Genetics</i> , 2009, 5, e1000599.	1.5	282
84	Genome-Wide uH2A Localization Analysis Highlights Bmi1-Dependent Deposition of the Mark at Repressed Genes. <i>PLoS Genetics</i> , 2009, 5, e1000506.	1.5	58
85	Does Greater Adiposity Increase Blood Pressure and Hypertension Risk?. <i>Hypertension</i> , 2009, 54, 84-90.	1.3	181
86	FTO Genotype Is Associated with Body Mass Index after the Age of Seven Years But Not with Energy Intake or Leisure-Time Physical Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1281-1287.	1.8	146
87	Bioinformatics and functional analysis define four distinct groups of AlkB DNA-dioxygenases in bacteria. <i>Nucleic Acids Research</i> , 2009, 37, 7124-7136.	6.5	34
88	Secretogranin II binds to secretogranin III and forms secretory granules with orexin, neuropeptide Y, and POMC. <i>Journal of Endocrinology</i> , 2009, 202, 111-121.	1.2	39
89	Postprandial responses in hunger and satiety are associated with the rs9939609 single nucleotide polymorphism in FTO. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1426-1432.	2.2	93
90	A Common Variant of the FTO Gene Is Associated With Not Only Increased Adiposity but Also Elevated Blood Pressure in French Canadians. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 260-269.	5.1	84
91	Effect of an FTO polymorphism on fat mass, obesity, and type 2 diabetes mellitus in the French MONICA Study. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 971-975.	1.5	70
92	Gene-environment interactions and obesity—Further aspects of genomewide association studies. <i>Nutrition</i> , 2009, 25, 998-1003.	1.1	87
93	Hypothalamic FTO is associated with the regulation of energy intake not feeding reward. <i>BMC Neuroscience</i> , 2009, 10, 129.	0.8	107

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94	Layer and broiler chicks exhibit similar hypothalamic expression of orexigenic neuropeptides but distinct expression of genes related to energy homeostasis and obesity. <i>Brain Research</i> , 2009, 1273, 18-28.	1.1	63
95	Damage Detection and Base Flipping in Direct DNA Alkylation Repair. <i>ChemBioChem</i> , 2009, 10, 417-423.	1.3	53
96	Analysis of FTO gene variants with measures of obesity and glucose homeostasis in the IRAS Family Study. <i>Human Genetics</i> , 2009, 125, 615-626.	1.8	87
98	Advances in systems biology are enhancing our understanding of disease and moving us closer to novel disease treatments. <i>Genetica</i> , 2009, 136, 259-269.	0.5	48
99	Association of the common rs9939609 variant of FTO gene with polycystic ovary syndrome in Chinese women. <i>Endocrine</i> , 2009, 36, 377-382.	1.1	42
100	The genetic determinants of common human obesity. <i>Current Cardiovascular Risk Reports</i> , 2009, 3, 411-417.	0.8	3
101	The FTO Obesity Gene. Genotyping and Gene Expression Analysis in Morbidly Obese Patients. <i>Obesity Surgery</i> , 2009, 19, 87-95.	1.1	84
102	FTO gene variants are strongly associated with type 2 diabetes in South Asian Indians. <i>Diabetologia</i> , 2009, 52, 247-252.	2.9	168
103	Hypoxia, hypoxia-inducible factors (HIF), HIF hydroxylases and oxygen sensing. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3539-3554.	2.4	229
104	FTO gene variation and measures of body mass in an African population. <i>BMC Medical Genetics</i> , 2009, 10, 21.	2.1	91
105	Variant rs9939609 in the <i>FTO</i> gene is associated with obesity in an adult population from Spain. <i>Clinical Endocrinology</i> , 2009, 70, 390-393.	1.2	43
106	The porcine <i>fat</i> mass and obesity associated (<i>FTO</i>) gene is associated with fat deposition in Italian Duroc pigs. <i>Animal Genetics</i> , 2009, 40, 90-93.	0.6	65
107	Recent progress in the genetics of common obesity. <i>British Journal of Clinical Pharmacology</i> , 2009, 68, 811-829.	1.1	123
108	Feeding signals to the hungry mind. <i>Experimental Physiology</i> , 2009, 94, 857-866.	0.9	6
109	The FTO gene and measured food intake in children. <i>International Journal of Obesity</i> , 2009, 33, 42-45.	1.6	267
110	Common genetic variation near MC4R is associated with eating behaviour patterns in European populations. <i>International Journal of Obesity</i> , 2009, 33, 373-378.	1.6	92
111	Macronutrient-specific effect of FTO rs9939609 in response to a 10-week randomized hypo-energetic diet among obese Europeans. <i>International Journal of Obesity</i> , 2009, 33, 1227-1234.	1.6	62
112	Several obesity- and nutrient-related gene polymorphisms but not FTO and UCP variants modulate postabsorptive resting energy expenditure and fat-induced thermogenesis in obese individuals: the NUGENOB Study. <i>International Journal of Obesity</i> , 2009, 33, 669-679.	1.6	35

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113	Inactivation of the Fto gene protects from obesity. <i>Nature</i> , 2009, 458, 894-898.	13.7	827
114	Human genetics illuminates the paths to metabolic disease. <i>Nature</i> , 2009, 462, 307-314.	13.7	304
115	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. <i>Nature Genetics</i> , 2009, 41, 25-34.	9.4	1,572
116	Human genetic variation and its contribution to complex traits. <i>Nature Reviews Genetics</i> , 2009, 10, 241-251.	7.7	942
117	The genetic contribution to non-syndromic human obesity. <i>Nature Reviews Genetics</i> , 2009, 10, 431-442.	7.7	338
118	Association of the <i>FTO</i> rs9939609 Single Nucleotide Polymorphism With C-reactive Protein Levels. <i>Obesity</i> , 2009, 17, 330-334.	1.5	37
119	Association Analyses Between Type 2 Diabetes Genes and Obesity Traits in Pigs. <i>Obesity</i> , 2009, 17, 323-329.	1.5	26
120	Maternal Pregestational BMI Is Associated With Methylation of the <i>PPARGC1A</i> Promoter in Newborns. <i>Obesity</i> , 2009, 17, 1032-1039.	1.5	142
121	DNA base repair " recognition and initiation of catalysis. <i>FEMS Microbiology Reviews</i> , 2009, 33, 1044-1078.	3.9	140
122	Genetic variation in the hypothalamic pathways and its role on obesity. <i>Obesity Reviews</i> , 2009, 10, 593-609.	3.1	23
123	Genetic basis of β -cell dysfunction in man. <i>Diabetes, Obesity and Metabolism</i> , 2009, 11, 149-158.	2.2	15
124	Vitamin C: update on physiology and pharmacology. <i>British Journal of Pharmacology</i> , 2009, 157, 1097-1110.	2.7	356
125	Oxygenase Catalyzed 5-Methylcytosine Hydroxylation. <i>Chemistry and Biology</i> , 2009, 16, 580-583.	6.2	82
126	Loss-of-Function Mutation in the Dioxxygenase-Encoding <i>FTO</i> Gene Causes Severe Growth Retardation and Multiple Malformations. <i>American Journal of Human Genetics</i> , 2009, 85, 106-111.	2.6	340
127	Direct Analysis of Enzyme-Catalyzed DNA Demethylation. <i>Analytical Chemistry</i> , 2009, 81, 5871-5875.	3.2	21
128	Relation of Age-related Cataract With Obesity and Obesity Genes in an Asian Population. <i>American Journal of Epidemiology</i> , 2009, 169, 1267-1274.	1.6	27
129	Association Analysis of Variation in/Near <i>FTO</i> , <i>CDKAL1</i> , <i>SLC30A8</i> , <i>HHEX</i> , <i>EXT2</i> , <i>IGF2BP2</i> , <i>LOC387761</i> , and <i>CDKN2B</i> With Type 2 Diabetes and Related Quantitative Traits in Pima Indians. <i>Diabetes</i> , 2009, 58, 478-488.	0.3	133
130	Expression Studies of the Obesity Candidate Gene <i>FTO</i> in Pig. <i>Animal Biotechnology</i> , 2009, 21, 51-63.	0.7	34

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131	The FTO gene modifies weight, fat mass and insulin sensitivity in women with polycystic ovary syndrome, where its role may be larger than in other phenotypes. <i>Diabetes and Metabolism</i> , 2009, 35, 328-331.	1.4	43
132	Association of the FTO gene with obesity and the metabolic syndrome is independent of the IRS-2 gene in the female population of Southern France. <i>Diabetes and Metabolism</i> , 2009, 35, 476-483.	1.4	25
133	Genetic dissection of type 2 diabetes. <i>Molecular and Cellular Endocrinology</i> , 2009, 297, 10-17.	1.6	121
134	Appetitive traits in children. New evidence for associations with weight and a common, obesity-associated genetic variant. <i>Appetite</i> , 2009, 53, 260-263.	1.8	53
135	The Fat Mass and Obesity-Associated (<i>FTO</i>) Gene is Associated with Intramuscular Fat Content and Growth Rate in the Pig. <i>Animal Biotechnology</i> , 2009, 20, 58-70.	0.7	58
136	A Non-Heme Iron-Mediated Chemical Demethylation in DNA and RNA. <i>Accounts of Chemical Research</i> , 2009, 42, 519-529.	7.6	102
137	Adenylate Kinase and AMP Signaling Networks: Metabolic Monitoring, Signal Communication and Body Energy Sensing. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1729-1772.	1.8	342
138	Genes and Gene-Environment Interactions in the Pathogenesis of Obesity and the Metabolic Syndrome. , 2009, , 11-39.		0
139	Pathomechanisms of Type 2 Diabetes Genes. <i>Endocrine Reviews</i> , 2009, 30, 557-585.	8.9	115
140	From association to causality: the new frontier for complex traits. <i>Genome Medicine</i> , 2009, 1, 23.	3.6	6
141	Pediatric Obesity: Etiology and Treatment. <i>Endocrinology and Metabolism Clinics of North America</i> , 2009, 38, 525-548.	1.2	61
142	Genetic determinants and molecular pathways in the pathogenesis of Type 2 diabetes. <i>Clinical Science</i> , 2009, 116, 99-111.	1.8	58
143	Nutrition and its contribution to obesity and diabetes: a life-course approach to disease prevention?. <i>Proceedings of the Nutrition Society</i> , 2009, 68, 71-77.	0.4	14
144	Challenges in the study of causation of obesity. <i>Proceedings of the Nutrition Society</i> , 2009, 68, 43-54.	0.4	59
145	Advances in Exercise, Fitness, and Performance Genomics. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 835-846.	0.2	111
147	Association of the Common Fat Mass and Obesity Associated (FTO) Gene Polymorphism with Obesity in a Japanese Population. <i>Endocrine Journal</i> , 2010, 57, 293-301.	0.7	55
148	From monogenic to polygenic obesity: recent advances. <i>European Child and Adolescent Psychiatry</i> , 2010, 19, 297-310.	2.8	187
149	A loop matters for FTO substrate selection. <i>Protein and Cell</i> , 2010, 1, 616-620.	4.8	5

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150	AlkB recognition of a bulky DNA base adduct stabilized by chemical cross-linking. <i>Science China Chemistry</i> , 2010, 53, 86-90.	4.2	4
151	From Genetic Association to Molecular Mechanism. <i>Current Diabetes Reports</i> , 2010, 10, 452-466.	1.7	27
152	The Genetics of Obesity. <i>Current Diabetes Reports</i> , 2010, 10, 498-505.	1.7	192
153	Confirmed association between a single nucleotide polymorphism in the FTO gene and obesity-related traits in heavy pigs. <i>Molecular Biology Reports</i> , 2010, 37, 461-466.	1.0	46
154	Association of FTO gene with hyperandrogenemia and metabolic parameters in women with polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 575-580.	1.5	68
155	Structural studies on human 2-oxoglutarate dependent oxygenases. <i>Current Opinion in Structural Biology</i> , 2010, 20, 659-672.	2.6	238
156	The genetics of obesity: FTO leads the way. <i>Trends in Genetics</i> , 2010, 26, 266-274.	2.9	295
157	Human AlkB homologue 1 (ABH1) exhibits DNA lyase activity at abasic sites. <i>DNA Repair</i> , 2010, 9, 58-65.	1.3	58
158	Crystal structure of the PHF8 Jumonji domain, an α -methyl lysine demethylase. <i>FEBS Letters</i> , 2010, 584, 825-830.	1.3	35
160	The AlkB Domain of Mammalian ABH8 Catalyzes Hydroxylation of 5-Methoxycarbonylmethyluridine at the Wobble Position of tRNA. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8885-8888.	7.2	129
161	FTO variant rs9939609 is associated with body mass index and waist circumference, but not with energy intake or physical activity in European- and African-American youth. <i>BMC Medical Genetics</i> , 2010, 11, 57.	2.1	104
162	Vitamin C Promotes Widespread Yet Specific DNA Demethylation of the Epigenome in Human Embryonic Stem Cells. <i>Stem Cells</i> , 2010, 28, 1848-1855.	1.4	156
163	FTO Genotype Is Associated With Exercise Training-induced Changes in Body Composition. <i>Obesity</i> , 2010, 18, 322-326.	1.5	48
164	FTO Genotype and the Weight Loss Benefits of Moderate Intensity Exercise. <i>Obesity</i> , 2010, 18, 641-643.	1.5	59
165	Association of FTO Gene Variants With Adiposity in African-American Adolescents. <i>Obesity</i> , 2010, 18, 1959-1963.	1.5	40
166	Association of FTO variants with BMI and fat mass in the self-contained population of Sorbs in Germany. <i>European Journal of Human Genetics</i> , 2010, 18, 104-110.	1.4	81
167	Lack of association between a new tag SNP in the FTO gene and BMI in Czech Slavonic population. <i>European Journal of Human Genetics</i> , 2010, 18, 1274-1274.	1.4	5
168	FTO genotype and adiposity in children: physical activity levels influence the effect of the risk genotype in adolescent males. <i>European Journal of Human Genetics</i> , 2010, 18, 1339-1343.	1.4	51

#	ARTICLE	IF	CITATIONS
169	The obesity-associated SNPs in intron 1 of the FTO gene affect primary transcript levels. <i>European Journal of Human Genetics</i> , 2010, 18, 1054-1056.	1.4	141
170	Placental FTO expression relates to fetal growth. <i>International Journal of Obesity</i> , 2010, 34, 1365-1370.	1.6	29
171	Genes and lifestyle factors in obesity: results from 12,462 subjects from MONICA/KORA. <i>International Journal of Obesity</i> , 2010, 34, 1538-1545.	1.6	50
172	Crystal structure of the FTO protein reveals basis for its substrate specificity. <i>Nature</i> , 2010, 464, 1205-1209.	13.7	331
173	Iron-catalysed oxidation intermediates captured in a DNA repair dioxygenase. <i>Nature</i> , 2010, 468, 330-333.	13.7	120
174	Grand Challenge Commentary: RNA epigenetics?. <i>Nature Chemical Biology</i> , 2010, 6, 863-865.	3.9	363
175	Overexpression of Fto leads to increased food intake and results in obesity. <i>Nature Genetics</i> , 2010, 42, 1086-1092.	9.4	612
176	FTO gains function. <i>Nature Genetics</i> , 2010, 42, 1038-1039.	9.4	8
177	Structural and Mutational Analysis of Escherichia coli AlkB Provides Insight into Substrate Specificity and DNA Damage Searching. <i>PLoS ONE</i> , 2010, 5, e8680.	1.1	56
178	Risk of Type 2 Diabetes and Obesity Is Differentially Associated with Variation in FTO in Whites and African-Americans in the ARIC Study. <i>PLoS ONE</i> , 2010, 5, e10521.	1.1	70
179	The Fat Mass and Obesity Associated Gene FTO Functions in the Brain to Regulate Postnatal Growth in Mice. <i>PLoS ONE</i> , 2010, 5, e14005.	1.1	186
180	Repair of DNA Alkylation Damage by the Escherichia coli Adaptive Response Protein AlkB as Studied by ESI-TOF Mass Spectrometry. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-9.	0.8	17
181	Influence of prenatal nutrition and obesity on tissue specific fat mass and obesity-associated (FTO) gene expression. <i>Reproduction</i> , 2010, 139, 265-274.	1.1	47
182	Influence of common variants near INSIG2, in FTO, and near MC4R genes on overweight and the metabolic profile in adolescence: the TRAILS (TRacking Adolescents' Individual Lives Survey) Study. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 321-328.	2.2	48
183	Mammalian ALKBH8 Possesses tRNA Methyltransferase Activity Required for the Biogenesis of Multiple Wobble Uridine Modifications Implicated in Translational Decoding. <i>Molecular and Cellular Biology</i> , 2010, 30, 1814-1827.	1.1	191
184	A commonly carried allele of the obesity-related <i>FTO</i> gene is associated with reduced brain volume in the healthy elderly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8404-8409.	3.3	227
185	Life course variations in the associations between FTO and MC4R gene variants and body size. <i>Human Molecular Genetics</i> , 2010, 19, 545-552.	1.4	227
186	Prevalence of Loss-of-Function FTO Mutations in Lean and Obese Individuals. <i>Diabetes</i> , 2010, 59, 311-318.	0.3	93

#	ARTICLE	IF	CITATIONS
187	Genetic Sensitivity to the Environment: The Case of the Serotonin Transporter Gene and Its Implications for Studying Complex Diseases and Traits. <i>American Journal of Psychiatry</i> , 2010, 167, 509-527.	4.0	1,260
188	Psychological and Behavioral Responses to Genetic Test Results Indicating Increased Risk of Obesity: Does the Causal Pathway from Gene to Obesity Matter?. <i>Public Health Genomics</i> , 2010, 13, 34-47.	0.6	45
189	Anti-inflammatory Profile of FTO Gene Expression in Adipose Tissues From Morbidly Obese Women. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 1041-1050.	1.1	33
190	Chemical biology of mutagenesis and DNA repair: cellular responses to DNA alkylation. <i>Carcinogenesis</i> , 2010, 31, 59-70.	1.3	241
191	Human AlkB Homolog ABH8 Is a tRNA Methyltransferase Required for Wobble Uridine Modification and DNA Damage Survival. <i>Molecular and Cellular Biology</i> , 2010, 30, 2449-2459.	1.1	182
192	Divergent \hat{I}^2 -hairpins determine double-strand versus single-strand substrate recognition of human AlkB-homologues 2 and 3. <i>Nucleic Acids Research</i> , 2010, 38, 6447-6455.	6.5	34
193	Splice Variant Identification and Expression Analysis of the Fat Mass and Obesity-Associated <i>FTO</i> Gene in Intact and Castrated Male Pigs. <i>DNA and Cell Biology</i> , 2010, 29, 729-733.	0.9	8
194	Behavioral and pharmacologic therapies for obesity. <i>Nature Reviews Endocrinology</i> , 2010, 6, 578-588.	4.3	98
195	Genetic Susceptibility to Obesity and Related Traits in Childhood and Adolescence. <i>Diabetes</i> , 2010, 59, 2980-2988.	0.3	120
196	Progress in the genetics of common obesity and type 2 diabetes. <i>Expert Reviews in Molecular Medicine</i> , 2010, 12, e7.	1.6	86
197	Obesity Risk. <i>Issues in Clinical Child Psychology</i> , 2010, , 329-343.	0.2	0
198	Translational Neuroscience Approaches to Hyperphagia. <i>Journal of Neuroscience</i> , 2010, 30, 11549-11554.	1.7	14
199	Genetic Heterogeneity in Latent Autoimmune Diabetes Is Linked to Various Degrees of Autoimmune Activity. <i>Diabetes</i> , 2010, 59, 302-310.	0.3	73
200	Genetic Sensitivity to the Environment: The Case of the Serotonin Transporter Gene and Its Implications for Studying Complex Diseases and Traits. <i>Focus (American Psychiatric Publishing)</i> , 2010, 8, 398-416.	0.4	45
201	Hypothalamic-Specific Manipulation of <i>Fto</i> , the Ortholog of the Human Obesity Gene <i>FTO</i> , Affects Food Intake in Rats. <i>PLoS ONE</i> , 2010, 5, e8771.	1.1	151
202	Approaches to the pharmacological treatment of obesity. <i>Expert Review of Clinical Pharmacology</i> , 2010, 3, 73-88.	1.3	10
203	Polymorphisms in <i>NRXN3</i> , <i>TFAP2B</i> , <i>MSRA</i> , <i>LYPLAL1</i> , <i>FTO</i> and <i>MC4R</i> and their effect on visceral fat area in the Japanese population. <i>Journal of Human Genetics</i> , 2010, 55, 738-742.	1.1	36
204	<i>FTO</i> – Friend or Foe?. <i>Hormone and Metabolic Research</i> , 2010, 42, 75-80.	0.7	10

#	ARTICLE	IF	CITATIONS
205	Adiposity hormones and dementia. Journal of the Neurological Sciences, 2010, 299, 30-34.	0.3	52
206	Prolyl Hydroxylase Domain Inhibitors: A Route to HIF Activation and Neuroprotection. Antioxidants and Redox Signaling, 2010, 12, 459-480.	2.5	92
207	Gene Expression of <i>FTO</i> in Human Subcutaneous Adipose Tissue, Peripheral Blood Mononuclear Cells and Adipocyte Cell Line. Journal of Nutrigenetics and Nutrigenomics, 2010, 3, 37-45.	1.8	28
208	Epigenetics: molecular mechanisms and implications for disease. Trends in Molecular Medicine, 2010, 16, 7-16.	3.5	180
209	Identification of genetic markers associated with residual feed intake and meat quality traits in the pig. Meat Science, 2010, 84, 645-650.	2.7	81
210	Relationship between blood glucose levels and hepatic Fto mRNA expression in mice. Biochemical and Biophysical Research Communications, 2010, 400, 713-717.	1.0	31
211	The obesity-associated Fto gene is a transcriptional coactivator. Biochemical and Biophysical Research Communications, 2010, 401, 390-395.	1.0	87
212	A FTO variant and risk of acute coronary syndrome. Clinica Chimica Acta, 2010, 411, 1069-1072.	0.5	49
213	Effects of common FTO gene variants associated with BMI on dietary intake and physical activity in Koreans. Clinica Chimica Acta, 2010, 411, 1716-1722.	0.5	63
214	Handbook of Genomics and the Family. Issues in Clinical Child Psychology, 2010, , .	0.2	5
215	Mechanistic insight into the recognition of single-stranded and double-stranded DNA substrates by ABH2 and ABH3. Molecular BioSystems, 2010, 6, 2143.	2.9	45
216	Lose Weight with Traditional Chinese Medicine? Potential Suppression of Fat Mass and Obesity-Associated Protein. Journal of Biomolecular Structure and Dynamics, 2011, 29, 471-483.	2.0	17
217	Piecing together the FTO jigsaw. Genome Biology, 2011, 12, 104.	13.9	16
218	The early programming of metabolic health: is epigenetic setting the missing link?. American Journal of Clinical Nutrition, 2011, 94, S1953-S1958.	2.2	104
219	Genetics of Sleep Apnea. Sleep Medicine Clinics, 2011, 6, 237-245.	1.2	1
220	Genes and obesity: A cause and effect relationship. EndocrinologÃa Y NutriciÃn (English Edition), 2011, 58, 492-496.	0.5	10
222	Fto immunoreactivity is widespread in the rodent brain and abundant in feeding-related sites, but the number of Fto-positive cells is not affected by changes in energy balance. Physiology and Behavior, 2011, 103, 248-253.	1.0	18
223	The Interaction Between Genetic Variation and Exercise and Physical Activity in the Determination of Body Composition and Obesity Status. , 2011, , 101-128.		1

#	ARTICLE	IF	CITATIONS
224	Does a short breastfeeding period protect from <i>FTO</i> -induced adiposity in children?. <i>Pediatric Obesity</i> , 2011, 6, e326-e335.	3.2	20
225	Genetic Variations in the <i>FTO</i> Gene Are Associated with Type 2 Diabetes and Obesity in South Indians (CURES-79). <i>Diabetes Technology and Therapeutics</i> , 2011, 13, 33-42.	2.4	64
226	Pediatric Obesity: Etiology and Treatment. <i>Pediatric Clinics of North America</i> , 2011, 58, 1217-1240.	0.9	36
227	N6-Methyladenosine in nuclear RNA is a major substrate of the obesity-associated <i>FTO</i> . <i>Nature Chemical Biology</i> , 2011, 7, 885-887.	3.9	2,936
228	Planning a genome-wide association study: Points to consider. <i>Annals of Medicine</i> , 2011, 43, 451-460.	1.5	15
229	Inhibition of 2-oxoglutarate dependent oxygenases. <i>Chemical Society Reviews</i> , 2011, 40, 4364.	18.7	336
230	Genetic Epidemiology. <i>Methods in Molecular Biology</i> , 2011, , .	0.4	3
231	<i>FTO</i> and Obesity: The Missing Link. <i>Cell Metabolism</i> , 2011, 13, 7-8.	7.2	10
232	Variations in the fat mass and obesity-associated (<i>FTO</i>) gene are related to glucose levels and higher lipid accumulation product in postmenopausal women from southern Brazil. <i>Fertility and Sterility</i> , 2011, 96, 974-979.	0.5	10
233	<i>Fto</i> colocalizes with a satiety mediator oxytocin in the brain and upregulates oxytocin gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 422-426.	1.0	17
234	Association of <i>FTO</i> rs17817449 SNP with obesity and associated physiological parameters in a north Indian population. <i>Annals of Human Biology</i> , 2011, 38, 760-763.	0.4	41
235	Genetics and epigenetics of obesity. <i>Maturitas</i> , 2011, 69, 41-49.	1.0	245
236	Primordial germ cell proliferation is impaired in <i>Fused Toes</i> mutant embryos. <i>Developmental Biology</i> , 2011, 349, 417-426.	0.9	14
237	Where to go with <i>FTO</i> ?. <i>Trends in Endocrinology and Metabolism</i> , 2011, 22, 53-59.	3.1	65
238	Developments in Obesity Genetics in the Era of Genome-Wide Association Studies. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011, 4, 222-238.	1.8	134
239	New type 2 diabetes risk genes provide new insights in insulin secretion mechanisms. <i>Diabetes Research and Clinical Practice</i> , 2011, 93, S9-S24.	1.1	62
241	Involvement of Leptin Receptor Long Isoform (<i>LepRb</i>)- <i>STAT3</i> Signaling Pathway in Brain Fat Mass- and Obesity-Associated (<i>FTO</i>) Downregulation during Energy Restriction. <i>Molecular Medicine</i> , 2011, 17, 523-532.	1.9	79
242	Novel polymorphism of the bovine fat mass and obesity-associated (<i>FTO</i>) gene are related to backfat thickness and longissimus muscle area in five Chinese native cattle breeds. <i>African Journal of Biotechnology</i> , 2011, 10, 2820-2824.	0.3	10

#	ARTICLE	IF	CITATIONS
243	Genetic approaches to understanding human obesity. <i>Journal of Clinical Investigation</i> , 2011, 121, 2080-2086.	3.9	161
244	A Genome-wide Association Case Study on Obesity. , 2011, , 295-306.		0
245	FenÃ³tipo da gordura, fatores associados e o polimorfismo rs9939609 do gene FTO DOI:10.5007/1980-0037.2010v12n2p164. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2011, 12, .	0.5	2
246	Genetics of Obesity: What have we Learned?. <i>Current Genomics</i> , 2011, 12, 169-179.	0.7	191
247	FTO Biology and Obesity: Why Do a Billion of Us Weigh 3 kg More?. <i>Frontiers in Endocrinology</i> , 2011, 2, 4.	1.5	14
248	<i>Schizosaccharomyces pombe</i> Ofd2 Is a Nuclear 2-Oxoglutarate and Iron Dependent Dioxygenase Interacting with Histones. <i>PLoS ONE</i> , 2011, 6, e25188.	1.1	13
249	The Fat Mass and Obesity Associated Gene, FTO, Is Also Associated with Osteoporosis Phenotypes. <i>PLoS ONE</i> , 2011, 6, e27312.	1.1	38
250	Obesity in China: What are the Causes?. <i>Current Pharmaceutical Design</i> , 2011, 17, 1132-1139.	0.9	24
251	Association between the FTO gene and overweight in Japanese children and adolescents. <i>Pediatric Diabetes</i> , 2011, 12, 494-500.	1.2	14
252	<i>RGS6</i> Variants Are Associated With Dietary Fat Intake in Hispanics: The IRAS Family Study. <i>Obesity</i> , 2011, 19, 1433-1438.	1.5	19
253	Interaction of FTO and Physical Activity Level on Adiposity in African-American and European-American Adults: The ARIC Study. <i>Obesity</i> , 2011, 19, 1866-1872.	1.5	37
254	High Allelic Burden of Four Obesity SNPs Is Associated With Poorer Weight Loss Outcomes Following Gastric Bypass Surgery. <i>Obesity</i> , 2011, 19, 1676-1683.	1.5	81
255	ALKBH3, a human AlkB homologue, contributes to cell survival in human non-small-cell lung cancer. <i>British Journal of Cancer</i> , 2011, 104, 700-706.	2.9	94
256	C-reactive protein levels and body mass index: elucidating direction of causation through reciprocal Mendelian randomization. <i>International Journal of Obesity</i> , 2011, 35, 300-308.	1.6	267
257	The growth hormone-IGF-I axis as a mediator for the association between FTO variants and body mass index: results of the Study of Health in Pomerania. <i>International Journal of Obesity</i> , 2011, 35, 364-372.	1.6	18
258	Association between the FTO rs9939609 polymorphism and leptin in European adolescents: a possible link with energy balance control. The HELENA study. <i>International Journal of Obesity</i> , 2011, 35, 66-71.	1.6	42
259	From GWAS to biology: lessons from FTO. <i>Annals of the New York Academy of Sciences</i> , 2011, 1220, 162-171.	1.8	81
260	Implications for Damage Recognition during Dpo4-Mediated Mutagenic Bypass of m1C and m3C Lesions. <i>Structure</i> , 2011, 19, 821-832.	1.6	10

#	ARTICLE	IF	CITATIONS
261	Physiological and biochemical aspects of hydroxylations and demethylations catalyzed by human 2-oxoglutarate oxygenases. <i>Trends in Biochemical Sciences</i> , 2011, 36, 7-18.	3.7	260
262	ALKBH8-mediated formation of a novel diastereomeric pair of wobble nucleosides in mammalian tRNA. <i>Nature Communications</i> , 2011, 2, 172.	5.8	149
263	Molecular cloning and characterization of the porcine FTO promoter and coding regions. <i>Molecular Biology Reports</i> , 2011, 38, 2855-2862.	1.0	4
264	Combined effects of FTO rs9939609 and MC4R rs17782313 on obesity and BMI in Chinese Han populations. <i>Endocrine</i> , 2011, 39, 69-74.	1.1	61
265	Allelic Polymorphism Detected in the Bovine FTO Gene. <i>Molecular Biotechnology</i> , 2011, 49, 257-262.	1.3	10
266	FTO mRNA Expression in Extremely Obese and Type 2 Diabetic Human Omental and Subcutaneous Adipose Tissues. <i>Obesity Surgery</i> , 2011, 21, 1766-1773.	1.1	6
267	Functional coupling analysis suggests link between the obesity gene FTO and the BDNF-NTRK2 signaling pathway. <i>BMC Neuroscience</i> , 2011, 12, 117.	0.8	22
268	The role of the fat mass and obesity associated gene (FTO) in breast cancer risk. <i>BMC Medical Genetics</i> , 2011, 12, 52.	2.1	132
269	Intervention, integration and translation in obesity research: Genetic, developmental and metaorganismal approaches. <i>Philosophy, Ethics, and Humanities in Medicine</i> , 2011, 6, 2.	0.7	12
270	Evidences on three relevant obesogenes: <i>MC4R</i> , <i>FTO</i> and <i>PPARβ</i> . Approaches for personalized nutrition. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 136-149.	1.5	96
271	Genome-wide association studies (GWAS): impact on elucidating the aetiology of diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 685-696.	1.7	26
272	DNA aptamers for as analytical tools for the quantitative analysis of DNA-dealkylating enzymes. <i>Analytical Biochemistry</i> , 2011, 414, 261-265.	1.1	26
273	Eating disorders, gene-environment interactions and epigenetics. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 784-793.	2.9	108
274	FTO polymorphisms are associated with adult body mass index (BMI) and colorectal adenomas in African-Americans. <i>Carcinogenesis</i> , 2011, 32, 748-756.	1.3	45
275	Maternal Nutrient Restriction During Late Gestation and Early Postnatal Growth in Sheep Differentially Reset the Control of Energy Metabolism in the Gastric Mucosa. <i>Endocrinology</i> , 2011, 152, 2816-2826.	1.4	19
276	Regulation of FTO and FTM Expression During Human Preadipocyte Differentiation. <i>Hormone and Metabolic Research</i> , 2011, 43, 17-21.	0.7	29
277	Impaired hypothalamic Fto expression in response to fasting and glucose in obese mice. <i>Nutrition and Diabetes</i> , 2011, 1, e19-e19.	1.5	39
278	Genome-Wide Association Analysis of Body Mass in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 304-310.	1.4	50

#	ARTICLE	IF	CITATIONS
279	Roles of Trm9- and ALKBH8-like proteins in the formation of modified wobble uridines in Arabidopsis tRNA. <i>Nucleic Acids Research</i> , 2011, 39, 7688-7701.	6.5	48
280	Associations of the <i>FTO</i> rs9939609 variant with discrete body fat depots and dietary intake in a multi-ethnic cohort. <i>Genetical Research</i> , 2011, 93, 419-426.	0.3	17
281	The Obesity Epidemic: From the Environment to Epigenetics – Not Simply a Response to Dietary Manipulation in a Thermoneutral Environment. <i>Frontiers in Genetics</i> , 2011, 2, 24.	1.1	27
282	Deep congenic analysis identifies many strong, context-dependent QTLs, one of which, <i>Slc35b4</i> , regulates obesity and glucose homeostasis. <i>Genome Research</i> , 2011, 21, 1065-1073.	2.4	51
283	Genetics of Type 2 Diabetes. <i>Clinical Chemistry</i> , 2011, 57, 241-254.	1.5	139
284	The Fused Toes Locus Is Essential for Somatic-Germ Cell Interactions That Foster Germ Cell Maturation in Developing Gonads in Mice1. <i>Biology of Reproduction</i> , 2011, 84, 1024-1032.	1.2	21
285	Cut-like Homeobox 1 (CUX1) Regulates Expression of the Fat Mass and Obesity-associated and Retinitis Pigmentosa GTPase Regulator-interacting Protein-1-like (RPGRIP1L) Genes and Coordinates Leptin Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2011, 286, 2155-2170.	1.6	129
286	Spectroscopic and magnetic studies of wild-type and mutant forms of the Fe(II)- and 2-oxoglutarate-dependent decarboxylase ALKBH4. <i>Biochemical Journal</i> , 2011, 434, 391-398.	1.7	21
287	Correlates of the <i>FTO</i> Gene Variant (rs9939609) and Growth of American Indian Infants. <i>Genetic Testing and Molecular Biomarkers</i> , 2011, 15, 633-638.	0.3	4
288	<i>FTO</i> Is Increased in Muscle During Type 2 Diabetes, and Its Overexpression in Myotubes Alters Insulin Signaling, Enhances Lipogenesis and ROS Production, and Induces Mitochondrial Dysfunction. <i>Diabetes</i> , 2011, 60, 258-268.	0.3	92
289	Association between Common Variation at the <i>FTO</i> Locus and Changes in Body Mass Index from Infancy to Late Childhood: The Complex Nature of Genetic Association through Growth and Development. <i>PLoS Genetics</i> , 2011, 7, e1001307.	1.5	165
290	Genetic Effects of <i>FTO</i> and <i>MC4R</i> Polymorphisms on Body Mass in Constitutional Types. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-7.	0.5	30
291	Body Mass Index and Obesity- and Diabetes-Associated Genotypes and Risk for Pancreatic Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 779-792.	1.1	79
292	Conditional expression of the <i>FTO</i> gene product in rat INS-1 cells reveals its rapid turnover and a role in the profile of glucose-induced insulin secretion. <i>Clinical Science</i> , 2011, 120, 403-413.	1.8	23
293	Neurobeachin, a Regulator of Synaptic Protein Targeting, Is Associated with Body Fat Mass and Feeding Behavior in Mice and Body-Mass Index in Humans. <i>PLoS Genetics</i> , 2012, 8, e1002568.	1.5	33
294	Metabolic programming of obesity by energy restriction during the perinatal period: different outcomes depending on gender and period, type and severity of restriction. <i>Frontiers in Physiology</i> , 2012, 3, 436.	1.3	68
295	Lack of an Association Between Three Tagging SNPs Within The <i>FTO</i> gene and Smoking Behavior. <i>Nicotine and Tobacco Research</i> , 2012, 14, 998-1002.	1.4	4
296	The fat-mass and obesity-associated gene (<i>FTO</i>) predicts mortality in chronic kidney disease of various severity. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, iv58-iv62.	0.4	15

#	ARTICLE	IF	CITATIONS
297	Association of the fat mass and obesity-associated (<i>FTO</i>) gene variant (rs9939609) with dietary intake in the Finnish Diabetes Prevention Study. <i>British Journal of Nutrition</i> , 2012, 108, 1859-1865.	1.2	53
298	Kinetic analysis of <i>FTO</i> (fat mass and obesity-associated) reveals that it is unlikely to function as a sensor for 2-oxoglutarate. <i>Biochemical Journal</i> , 2012, 444, 183-187.	1.7	27
299	The Effect of Elevated Body Mass Index on Ischemic Heart Disease Risk: Causal Estimates from a Mendelian Randomisation Approach. <i>PLoS Medicine</i> , 2012, 9, e1001212.	3.9	246
300	Fat: an evolving issue. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 569-573.	1.2	70
301	The DNA dioxygenase <i>ALKBH2</i> protects <i>Arabidopsis thaliana</i> against methylation damage. <i>Nucleic Acids Research</i> , 2012, 40, 6620-6631.	6.5	24
302	Fat brains, greedy genes, and parent power: A biobehavioural risk model of child and adult obesity. <i>International Review of Psychiatry</i> , 2012, 24, 189-199.	1.4	37
303	The impact of breastfeeding on <i>FTO</i> -related BMI growth trajectories: an application to the Raine pregnancy cohort study. <i>International Journal of Epidemiology</i> , 2012, 41, 1650-1660.	0.9	34
304	The <i>CDK5</i> repressor <i>CDK5RAP1</i> is a methyltransferase acting on nuclear and mitochondrial RNA. <i>Nucleic Acids Research</i> , 2012, 40, 6235-6240.	6.5	60
305	The <i>FTO</i> gene polymorphism is associated with end-stage renal disease: two large independent case-control studies in a general population. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1030-1035.	0.4	39
306	<i>FTO</i> , RNA epigenetics and epilepsy. <i>Epigenetics</i> , 2012, 7, 1094-1097.	1.3	28
307	Beyond the fourth wave of genome-wide obesity association studies. <i>Nutrition and Diabetes</i> , 2012, 2, e37-e37.	1.5	61
308	Variation in sequence and expression of the avian <i>FTO</i> , and association with glucose metabolism, body weight, fatness and body composition in chickens. <i>International Journal of Obesity</i> , 2012, 36, 1054-1061.	1.6	25
309	Two-step epigenetic Mendelian randomization: a strategy for establishing the causal role of epigenetic processes in pathways to disease. <i>International Journal of Epidemiology</i> , 2012, 41, 161-176.	0.9	407
310	Novel, Highly Specific <i>N</i> -Demethylases Enable Bacteria To Live on Caffeine and Related Purine Alkaloids. <i>Journal of Bacteriology</i> , 2012, 194, 2041-2049.	1.0	81
311	<i>PCA-1/ALKBH3</i> Contributes to Pancreatic Cancer by Supporting Apoptotic Resistance and Angiogenesis. <i>Cancer Research</i> , 2012, 72, 4829-4839.	0.4	80
312	Transgenic Mouse Models Resistant to Diet-Induced Metabolic Disease: Is Energy Balance the Key?: Fig. 1.. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 631-636.	1.3	8
313	Inherited behavioral susceptibility to adiposity in infancy: a multivariate genetic analysis of appetite and weight in the Gemini birth cohort. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 633-639.	2.2	71
314	Using multiple genetic variants as instrumental variables for modifiable risk factors. <i>Statistical Methods in Medical Research</i> , 2012, 21, 223-242.	0.7	617

#	ARTICLE	IF	CITATIONS
315	Association of <i>FTO</i> Polymorphisms with Early Age of Obesity in Obese Italian Subjects. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7.	3.8	36
316	JBP1 and JBP2 Proteins Are Fe ²⁺ /2-Oxoglutarate-dependent Dioxygenases Regulating Hydroxylation of Thymidine Residues in Trypanosome DNA. <i>Journal of Biological Chemistry</i> , 2012, 287, 19886-19895.	1.6	40
317	Epigenetics. <i>Transplantation</i> , 2012, 94, 1-7.	0.5	28
318	Adiposity and Cognitive Decline: Underlying Mechanisms. <i>Journal of Alzheimer's Disease</i> , 2012, 30, S97-S112.	1.2	59
319	Variant in the <i>FTO</i> gene and biomarkers related to health in mature Slovak women. <i>Anthropologischer Anzeiger</i> , 2012, 69, 189-200.	0.2	4
320	Fat mass and obesity-associated obesity-risk genotype is associated with lower foetal growth: an effect that is reversed in the offspring of smoking mothers. <i>Journal of Developmental Origins of Health and Disease</i> , 2012, 3, 10-20.	0.7	8
321	Unraveling the brain regulation of appetite: lessons from genetics. <i>Nature Neuroscience</i> , 2012, 15, 1343-1349.	7.1	239
322	Interactions between genetic background, insulin resistance and β -cell function. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 46-56.	2.2	17
323	The impact of intronic single nucleotide polymorphisms and ethnic diversity for studies on the obesity gene <i>FTO</i> . <i>Obesity Reviews</i> , 2012, 13, 1096-1109.	3.1	37
324	Epigenetic regulation in obesity. <i>International Journal of Obesity</i> , 2012, 36, 757-765.	1.6	70
325	Expression of New Loci Associated With Obesity in Diet-Induced Obese Rats: From Genetics to Physiology. <i>Obesity</i> , 2012, 20, 306-312.	1.5	67
326	Chicken <i>FTO</i> gene: Tissue-specific expression, brain distribution, breed difference and effect of fasting. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, 246-252.	0.8	25
327	Gene-Lifestyle Interactions in Obesity. <i>Current Nutrition Reports</i> , 2012, 1, 184-196.	2.1	46
328	Recent Findings on the Genetics of Obesity: Is there Public Health Relevance?. <i>Current Nutrition Reports</i> , 2012, 1, 239-248.	2.1	3
329	Changes in Protein Dynamics of the DNA Repair Dioxygenase AlkB upon Binding of Fe ²⁺ and 2-Oxoglutarate. <i>Biochemistry</i> , 2012, 51, 3334-3341.	1.2	36
330	Mechanistic Studies on the Application of DNA Aptamers as Inhibitors of 2-Oxoglutarate-Dependent Oxygenases. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3546-3552.	2.9	13
331	Genome wide analysis reveals association of a <i>FTO</i> gene variant with epigenetic changes. <i>Genomics</i> , 2012, 99, 132-137.	1.3	132
332	Genetic determinants of common obesity and their value in prediction. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 211-226.	2.2	198

#	ARTICLE	IF	CITATIONS
333	Estrogen induces endometrial cancer cell proliferation and invasion by regulating the fat mass and obesity-associated gene via PI3K/AKT and MAPK signaling pathways. <i>Cancer Letters</i> , 2012, 319, 89-97.	3.2	88
334	Comprehensive Analysis of mRNA Methylation Reveals Enrichment in 3' UTRs and near Stop Codons. <i>Cell</i> , 2012, 149, 1635-1646.	13.5	3,152
335	Cloning and characterization of chicken fat mass and obesity associated (Fto) gene: fasting affects Fto expression. <i>Domestic Animal Endocrinology</i> , 2012, 42, 1-10.	0.8	20
336	The obesity gene and colorectal cancer risk: A population study in Northern Italy. <i>European Journal of Internal Medicine</i> , 2012, 23, 65-69.	1.0	21
337	Nucleic acid modifications with epigenetic significance. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 516-524.	2.8	132
338	Association between polymorphism in the FTO gene and growth and carcass traits in pig crosses. <i>Genetics Selection Evolution</i> , 2012, 44, 13.	1.2	27
339	The contribution of FTO and UCP-1 SNPs to extreme obesity, diabetes and cardiovascular risk in Brazilian individuals. <i>BMC Medical Genetics</i> , 2012, 13, 101.	2.1	25
340	Epigenetic Manifestation of Metabolic Syndrome and Dietary Management. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 254-281.	2.5	14
341	Obesity and eating behaviour in children and adolescents: Contribution of common gene polymorphisms. <i>International Review of Psychiatry</i> , 2012, 24, 200-210.	1.4	42
342	Common Genetic Variants and Central Adiposity Among Asian Indians. <i>Obesity</i> , 2012, 20, 1902-1908.	1.5	32
343	The potential of 2-oxoglutarate oxygenases acting on nucleic acids as therapeutic targets. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2012, 9, e91-e100.	0.5	9
344	Fat mass and obesity-associated gene polymorphisms do not affect metabolic response to hormone therapy in healthy postmenopausal women. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2012, 165, 302-306.	0.5	3
345	Development of Cell-Active 6-Methyladenosine RNA Demethylase FTO Inhibitor. <i>Journal of the American Chemical Society</i> , 2012, 134, 17963-17971.	6.6	314
346	Uncovering the biology of FTO. <i>Molecular Metabolism</i> , 2012, 1, 32-36.	3.0	11
347	<i>Adipose Tissue Biology</i> , 2012, , .		16
348	Dynamic Combinatorial Mass Spectrometry Leads to Inhibitors of a 2-Oxoglutarate-Dependent Nucleic Acid Demethylase. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2173-2184.	2.9	49
349	<i>Sleep Loss and Obesity</i> , 2012, , .		4
350	Novel AlkB Dioxygenases' Alternative Models for In Silico and In Vivo Studies. <i>PLoS ONE</i> , 2012, 7, e30588.	1.1	65

#	ARTICLE	IF	CITATIONS
351	Knockdown of the Fat Mass and Obesity Gene Disrupts Cellular Energy Balance in a Cell-Type Specific Manner. PLoS ONE, 2012, 7, e38444.	1.1	22
352	Human ALKBH4 Interacts with Proteins Associated with Transcription. PLoS ONE, 2012, 7, e49045.	1.1	27
353	FTO at rs9939609, Food Responsiveness, Emotional Control and Symptoms of ADHD in Preschool Children. PLoS ONE, 2012, 7, e49131.	1.1	67
354	Genetic association of SNPs in the FTO gene and predisposition to obesity in Malaysian Malays. Brazilian Journal of Medical and Biological Research, 2012, 45, 1119-1126.	0.7	14
355	BIOINFORMATICS ANALYSIS OF SOME FUNCTIONAL GENES AND PROTEINS INVOLVED IN OBESITY-INDUCED TYPE 2 DIABETES. Current Research in Bioinformatics, 2012, 1, 87-98.	0.1	3
356	Chronic Formaldehyde-Mediated Impairments and Age-Related Dementia. , 0, , .		4
357	Food Addiction, Obesity and Neuroimaging. , 0, , .		2
358	Interactions between theFTOrs9939609 polymorphism, body mass index, and lifestyle-related factors on metabolic syndrome risk. Nutrition Research and Practice, 2012, 6, 78.	0.7	13
359	Damage of DNA and proteins by major lipid peroxidation products in genome stability. Free Radical Research, 2012, 46, 442-459.	1.5	104
360	Susceptibility variants for obesity and colorectal cancer risk: The multiethnic cohort and PAGE studies. International Journal of Cancer, 2012, 131, E1038-43.	2.3	31
361	Nutritional State Affects the Expression of the Obesity-Associated Genes <i>Etv5</i> , <i>Faim2</i> , <i>Fto</i> , and <i>Negr1</i> . Obesity, 2012, 20, 2420-2425.	1.5	56
363	Structure and Function of Noncanonical Nucleobases. Angewandte Chemie - International Edition, 2012, 51, 7110-7131.	7.2	159
364	Genetic variants in FTO associated with metabolic syndrome: a meta- and gene-based analysis. Molecular Biology Reports, 2012, 39, 5691-5698.	1.0	51
365	Five Years of GWAS Discovery. American Journal of Human Genetics, 2012, 90, 7-24.	2.6	2,088
366	Depressive disorder moderates the effect of the FTO gene on body mass index. Molecular Psychiatry, 2012, 17, 604-611.	4.1	72
367	Characterization of a Trypanosoma brucei AlkB homolog capable of repairing alkylated DNA. Experimental Parasitology, 2012, 131, 92-100.	0.5	6
368	The Schizosaccharomyces pombe AlkB homolog Abh1 exhibits AP lyase activity but no demethylase activity. DNA Repair, 2012, 11, 453-462.	1.3	16
369	Impact of the <i>FTO</i> gene variation on fat oxidation and its potential influence on body weight in women with polycystic ovary syndrome. Clinical Endocrinology, 2012, 77, 120-125.	1.2	22

#	ARTICLE	IF	CITATIONS
370	Is FTO a type 2 diabetes susceptibility gene?. <i>Diabetologia</i> , 2012, 55, 873-876.	2.9	24
371	Influence of genomic variation in FTO at 16q12.2, MC4R at 18q22 and NRXN3 at 14q31 genes on breast cancer risk. <i>Molecular Biology Reports</i> , 2012, 39, 2915-2919.	1.0	37
372	Genetics of Obesity. <i>Current Obesity Reports</i> , 2013, 2, 23-31.	3.5	9
373	The fat mass and obesity associated gene (Fto) regulates activity of the dopaminergic midbrain circuitry. <i>Nature Neuroscience</i> , 2013, 16, 1042-1048.	7.1	414
374	Association between a frequent variant of the FTO gene and anthropometric phenotypes in Brazilian children. <i>BMC Medical Genetics</i> , 2013, 14, 34.	2.1	28
375	Effects of FTO RS9939906 and MC4R RS17782313 on obesity, type 2 diabetes mellitus and blood pressure in patients with hypertension. <i>Cardiovascular Diabetology</i> , 2013, 12, 103.	2.7	45
376	The biology of FTO: from nucleic acid demethylase to amino acid sensor. <i>Diabetologia</i> , 2013, 56, 2113-2121.	2.9	46
377	Obesity-related genetic variants, human pigmentation, and risk of melanoma. <i>Human Genetics</i> , 2013, 132, 793-801.	1.8	25
378	Single nucleotide polymorphisms in the FTO gene and their association with growth and meat quality traits in rabbits. <i>Gene</i> , 2013, 527, 553-557.	1.0	23
379	Genetics of Food Intake Self-Regulation in Childhood: Literature Review and Research Opportunities. <i>Human Heredity</i> , 2013, 75, 80-89.	0.4	4,646
380	N6-Methyl-Adenosine (m6A) in RNA: An Old Modification with A Novel Epigenetic Function. <i>Genomics, Proteomics and Bioinformatics</i> , 2013, 11, 8-17.	3.0	368
381	A Role for a Dioxygenase in Auxin Metabolism and Reproductive Development in Rice. <i>Developmental Cell</i> , 2013, 27, 113-122.	3.1	185
382	Polymorphisms in FTO and near TMEM18 associate with type 2 diabetes and predispose to younger age at diagnosis of diabetes. <i>Gene</i> , 2013, 527, 462-468.	1.0	23
383	Molecular characterization and expression analysis of fat mass and obesity-associated gene in rabbit. <i>Journal of Genetics</i> , 2013, 92, 481-488.	0.4	7
384	Association of Genetic polymorphism of PPAR β -2, ACE, MTHFR, FABP-2 and FTO genes in risk prediction of type 2 diabetes mellitus. <i>Journal of Biomedical Science</i> , 2013, 20, 80.	2.6	41
385	Genetic variant in fat mass and obesity-associated gene associated with type 2 diabetes risk in Han Chinese. <i>BMC Genetics</i> , 2013, 14, 86.	2.7	16
386	LPS-induced inflammation in the chicken is associated with CCAAT/enhancer binding protein beta-mediated fat mass and obesity associated gene down-regulation in the liver but not hypothalamus. <i>BMC Veterinary Research</i> , 2013, 9, 257.	0.7	21
387	Impact of obesity-related genes in Spanish population. <i>BMC Genetics</i> , 2013, 14, 111.	2.7	12

#	ARTICLE	IF	CITATIONS
388	Interaction between obesity-related genes, FTO and MC4R, associated to an increase of breast cancer risk. <i>Molecular Biology Reports</i> , 2013, 40, 6657-6664.	1.0	45
389	The A-allele of the common FTO gene variant rs9939609 complicates weight maintenance in severe obese patients. <i>International Journal of Obesity</i> , 2013, 37, 135-139.	1.6	27
390	Association of the FTO Obesity Risk Variant rs8050136 With Percentage of Energy Intake From Fat in Multiple Racial/Ethnic Populations. <i>American Journal of Epidemiology</i> , 2013, 178, 780-790.	1.6	59
391	A 680â€‰kb duplication at the FTO locus in a kindred with obesity and a distinct body fat distribution. <i>European Journal of Human Genetics</i> , 2013, 21, 1417-1422.	1.4	10
392	Novel approaches for the accumulation of oxygenated intermediates to multi-millimolar concentrations. <i>Coordination Chemistry Reviews</i> , 2013, 257, 234-243.	9.5	15
393	DNA Repair by Reversal of DNA Damage. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a012575-a012575.	2.3	121
394	FTO levels affect RNA modification and the transcriptome. <i>European Journal of Human Genetics</i> , 2013, 21, 317-323.	1.4	52
395	ALKBH5 Is a Mammalian RNA Demethylase that Impacts RNA Metabolism and Mouse Fertility. <i>Molecular Cell</i> , 2013, 49, 18-29.	4.5	2,549
396	Identification of a Selective Polymerase Enables Detection of N ⁶ -Methyladenosine in RNA. <i>Journal of the American Chemical Society</i> , 2013, 135, 19079-19082.	6.6	92
397	Genetic determinants of cardiometabolic risk: A proposed model for phenotype association and interaction. <i>Journal of Clinical Lipidology</i> , 2013, 7, 65-81.	0.6	33
398	Variant rs1421085 in the FTO gene contribute childhood obesity in Chinese children aged 3â€“6years. <i>Obesity Research and Clinical Practice</i> , 2013, 7, e14-e22.	0.8	22
399	Frequencies of obesity susceptibility alleles among ethnically and racially diverse bariatric patient populations. <i>Surgery for Obesity and Related Diseases</i> , 2013, 9, 436-441.	1.0	15
400	Role for the obesity-related <i>FTO</i> gene in the cellular sensing of amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2557-2562.	3.3	150
401	Variations in the obesity genes FTO, TMEM18 and NRXN3 influence the vulnerability of children to weight gain induced by short sleep duration. <i>International Journal of Obesity</i> , 2013, 37, 182-187.	1.6	38
402	N6-methyl-adenosine modification in messenger and long non-coding RNA. <i>Trends in Biochemical Sciences</i> , 2013, 38, 204-209.	3.7	181
403	Gut microbiota, host health, and polysaccharides. <i>Biotechnology Advances</i> , 2013, 31, 318-337.	6.0	181
404	Breathingâ€™n epigenetic change with vitamin C. <i>EMBO Reports</i> , 2013, 14, 337-346.	2.0	118
405	Novel RNA regulatory mechanisms revealed in the epitranscriptome. <i>RNA Biology</i> , 2013, 10, 342-346.	1.5	39

#	ARTICLE	IF	CITATIONS
406	From obesity genetics to the future of personalized obesity therapy. <i>Nature Reviews Endocrinology</i> , 2013, 9, 402-413.	4.3	166
407	Reversible RNA adenosine methylation in biological regulation. <i>Trends in Genetics</i> , 2013, 29, 108-115.	2.9	314
408	Structural Basis for Inhibition of the Fat Mass and Obesity Associated Protein (FTO). <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3680-3688.	2.9	128
409	Dietary factors, epigenetic modifications and obesity outcomes: Progresses and perspectives. <i>Molecular Aspects of Medicine</i> , 2013, 34, 782-812.	2.7	242
410	Role of Vitamin C in the Function of the Vascular Endothelium. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 2068-2083.	2.5	252
411	Sprouts of RNA epigenetics. <i>RNA Biology</i> , 2013, 10, 915-918.	1.5	85
412	The genetics of childhood obesity and interaction with dietary macronutrients. <i>Genes and Nutrition</i> , 2013, 8, 271-287.	1.2	49
413	FTO-mediated formation of N6-hydroxymethyladenosine and N6-formyladenosine in mammalian RNA. <i>Nature Communications</i> , 2013, 4, 1798.	5.8	349
414	Respiratory Regulation - The Molecular Approach. <i>Advances in Experimental Medicine and Biology</i> , 2013, , .	0.8	2
415	Sex-specific effects of weight-affecting gene variants in a life course perspectiveâ€”The HUNT Study, Norway. <i>International Journal of Obesity</i> , 2013, 37, 1221-1229.	1.6	25
416	Mapping and significance of the <scp>mRNA</scp> methylome. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 397-422.	3.2	93
417	Genetic Variants in the Fat Mass- and Obesity-Associated (FTO) Gene are Associated with Alcohol Dependence. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 416-424.	1.1	27
418	A simple but effective modeling strategy for structural properties of nonâ€”heme Fe(II) sites in proteins: Test of force field models and application to proteins in the AlkB family. <i>Journal of Computational Chemistry</i> , 2013, 34, 1620-1635.	1.5	12
419	Natural food science based novel approach toward prevention and treatment of obesity and type 2 diabetes: Recent studies on brown rice and ¹³ C-oryzanol. <i>Obesity Research and Clinical Practice</i> , 2013, 7, e165-e172.	0.8	71
420	FTO expression is regulated by availability of essential amino acids. <i>International Journal of Obesity</i> , 2013, 37, 744-747.	1.6	82
421	FTO Deficiency Induces UCP-1 Expression and Mitochondrial Uncoupling in Adipocytes. <i>Endocrinology</i> , 2013, 154, 3141-3151.	1.4	65
422	Gene –Environment Interactions in Obesity: The State of the Evidence. <i>Human Heredity</i> , 2013, 75, 106-115.	0.4	29
423	Fat Mass and Obesity-Associated Gene Enhances Oxidative Stress and Lipogenesis in Nonalcoholic Fatty Liver Disease. <i>Digestive Diseases and Sciences</i> , 2013, 58, 1004-1009.	1.1	72

#	ARTICLE	IF	CITATIONS
424	The potential contribution of circulating and locally produced leptin to cardiac hypertrophy and failure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 883-888.	0.7	12
425	Relation of Fat-Mass and Obesity-Associated Gene Polymorphism to Fat Mass Content and Body Mass Index in Obese Children. <i>Advances in Experimental Medicine and Biology</i> , 2013, 756, 255-262.	0.8	6
426	Abdominal fat distribution and its relationship to brain changes: the differential effects of age on cerebellar structure and function: a cross-sectional, exploratory study. <i>BMJ Open</i> , 2013, 3, e001915.	0.8	35
427	Late-Onset Exercise in Female Rat Offspring Ameliorates the Detrimental Metabolic Impact of Maternal Obesity. <i>Endocrinology</i> , 2013, 154, 3610-3621.	1.4	31
428	ALKBH4-dependent demethylation of actin regulates actomyosin dynamics. <i>Nature Communications</i> , 2013, 4, 1832.	5.8	76
429	Genome-Wide Association Studies of Human Growth Traits. <i>Nestle Nutrition Institute Workshop Series</i> , 2013, 71, 29-38.	1.5	0
430	A link between FTO, ghrelin, and impaired brain food-cue responsivity. <i>Journal of Clinical Investigation</i> , 2013, 123, 3539-3551.	3.9	307
431	Adult Onset Global Loss of the Fto Gene Alters Body Composition and Metabolism in the Mouse. <i>PLoS Genetics</i> , 2013, 9, e1003166.	1.5	129
432	O6-methylguanine-DNA methyltransferase in the defense against N-nitroso compounds and colorectal cancer. <i>Carcinogenesis</i> , 2013, 34, 2435-2442.	1.3	84
433	Emerging Function of Fat Mass and Obesity-Associated Protein (Fto). <i>PLoS Genetics</i> , 2013, 9, e1003223.	1.5	15
434	Deletion of mouse Alkbh7 leads to obesity. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 194-203.	1.5	40
435	Obesity Genetics. <i>American Journal of Therapeutics</i> , 2013, 20, 399-413.	0.5	3
436	Placental expression of the obesity-associated gene FTO is reduced by fetal growth restriction but not by macrosomia in rats and humans. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 134-138.	0.7	7
437	HAMR: high-throughput annotation of modified ribonucleotides. <i>Rna</i> , 2013, 19, 1684-1692.	1.6	125
438	A Polymorphism at the 3'-UTR Region of the Aromatase Gene Is Associated with the Efficacy of the Aromatase Inhibitor, Anastrozole, in Metastatic Breast Carcinoma. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18973-18988.	1.8	31
439	FTO, obesity and the adolescent brain. <i>Human Molecular Genetics</i> , 2013, 22, 1050-1058.	1.4	46
440	The expression of FTO in human adipose tissue is influenced by fat depot, adiposity, and insulin sensitivity. <i>Obesity</i> , 2013, 21, 1165-1173.	1.5	22
441	The genetics of human obesity. <i>Annals of the New York Academy of Sciences</i> , 2013, 1281, 178-190.	1.8	150

#	ARTICLE	IF	CITATIONS
442	Genetics of Human Obesity. , 2013, , 427-444.		1
443	Aging-associated excess formaldehyde leads to spatial memory deficits. <i>Scientific Reports</i> , 2013, 3, 1807.	1.6	87
444	Human ALKBH7 is required for alkylation and oxidation-induced programmed necrosis. <i>Genes and Development</i> , 2013, 27, 1089-1100.	2.7	66
445	Associations of MC3R Polymorphisms With Physical Activity in South African Adolescents. <i>Journal of Physical Activity and Health</i> , 2013, 10, 813-825.	1.0	4
446	FTO and INSIG2 Genotyping Combined with Metabolic and Anthropometric Phenotyping of Morbidly Obese Patients. <i>Molecular Syndromology</i> , 2013, 4, 273-279.	0.3	4
447	Genome wide analysis reveals single nucleotide polymorphisms associated with fatness and putative novel copy number variants in three pig breeds. <i>BMC Genomics</i> , 2013, 14, 784.	1.2	54
448	Fasting Induced Cytoplasmic Fto expression in Some Neurons of Rat Hypothalamus. <i>PLoS ONE</i> , 2013, 8, e63694.	1.1	39
449	Interactions between the FTO and GNB3 Genes Contribute to Varied Clinical Phenotypes in Hypertension. <i>PLoS ONE</i> , 2013, 8, e63934.	1.1	17
450	Common Variant rs9939609 in Gene FTO Confers Risk to Polycystic Ovary Syndrome. <i>PLoS ONE</i> , 2013, 8, e66250.	1.1	42
451	Screening for Coding Variants in FTO and SH2B1 Genes in Chinese Patients with Obesity. <i>PLoS ONE</i> , 2013, 8, e67039.	1.1	19
452	EMR-linked GWAS study: investigation of variation landscape of loci for body mass index in children. <i>Frontiers in Genetics</i> , 2013, 4, 268.	1.1	46
454	Variante en CAPN10 y factores ambientales muestran evidencia de asociaci3n con exceso de peso en j3venes de Medell3n, Colombia. <i>Biomedica</i> , 2014, 34, .	0.3	3
455	Fat Mass and Obesity-Associated (FTO) Gene Polymorphisms Are Associated with Physical Activity, Food Intake, Eating Behaviors, Psychological Health, and Modeled Change in Body Mass Index in Overweight/Obese Caucasian Adults. <i>Nutrients</i> , 2014, 6, 3130-3152.	1.7	70
456	Association of the FTO gene SNP rs17817449 with body fat distribution in Mexican women. <i>Genetics and Molecular Research</i> , 2014, 13, 8561-8567.	0.3	15
457	Age- and Sex-Dependent Association between FTO rs9939609 and Obesity-Related Traits in Chinese Children and Adolescents. <i>PLoS ONE</i> , 2014, 9, e97545.	1.1	24
458	Loss of FTO Antagonises Wnt Signaling and Leads to Developmental Defects Associated with Ciliopathies. <i>PLoS ONE</i> , 2014, 9, e87662.	1.1	25
459	Variation in the MC4R Gene Is Associated with Bone Phenotypes in Elderly Swedish Women. <i>PLoS ONE</i> , 2014, 9, e88565.	1.1	12
460	Expression of miR-33 from an SREBF2 Intron Targets the FTO Gene in the Chicken. <i>PLoS ONE</i> , 2014, 9, e91236.	1.1	23

#	ARTICLE	IF	CITATIONS
461	Replication of 6 Obesity Genes in a Meta-Analysis of Genome-Wide Association Studies from Diverse Ancestries. PLoS ONE, 2014, 9, e96149.	1.1	56
462	Protozoan ALKBH8 Oxygenases Display both DNA Repair and tRNA Modification Activities. PLoS ONE, 2014, 9, e98729.	1.1	28
463	Highly Adaptable Triple-Negative Breast Cancer Cells as a Functional Model for Testing Anticancer Agents. PLoS ONE, 2014, 9, e109487.	1.1	17
464	Prolyl hydroxylase domain enzymes: important regulators of cancer metabolism. Hypoxia (Auckland, N Z) 19, 437-448. doi:10.1080/10755470.2014.943114	1.9	43
465	Association of SNP in FTO gene, rs9939609, with metabolic syndrome at a tertiary care unit of Karachi, Pakistan. Pakistan Journal of Medical Sciences, 2014, 31, 140-5.	0.3	9
466	Modify or die? - RNA modification defects in metazoans. RNA Biology, 2014, 11, 1555-1567.	1.5	65
467	Structure of human RNA N6-methyladenine demethylase ALKBH5 provides insights into its mechanisms of nucleic acid recognition and demethylation. Nucleic Acids Research, 2014, 42, 4741-4754.	6.5	162
468	Genome-wide association studies: the good, the bad and the ugly. Clinical Medicine, 2014, 14, 428-431.	0.8	20
469	Protein Dynamics Control the Progression and Efficiency of the Catalytic Reaction Cycle of the Escherichia coli DNA-Repair Enzyme AlkB. Journal of Biological Chemistry, 2014, 289, 29584-29601.	1.6	33
470	Obesity-associated gene FTO rs9939609 polymorphism in relation to the risk of tuberculosis. BMC Infectious Diseases, 2014, 14, 592.	1.3	21
471	FTO-dependent demethylation of N6-methyladenosine regulates mRNA splicing and is required for adipogenesis. Cell Research, 2014, 24, 1403-1419.	5.7	869
472	Genetic Contribution: Common Forms of Obesity. , 2014, , 37-55.		0
473	Recent Advances in Genomics of Body Composition, Adipose Tissue Metabolism, and Its Relation to the Development of Obesity. , 2014, , 498-507.		0
474	Genetic Susceptibility to Type 2 Diabetes and Obesity: Follow-Up of Findings from Genome-Wide Association Studies. International Journal of Endocrinology, 2014, 2014, 1-13.	0.6	62
475	Fat mass and obesity-related (FTO) shuttles between the nucleus and cytoplasm. Bioscience Reports, 2014, 34, .	1.1	61
476	Race, Genomics, and Philosophy of Science. Critical Philosophy of Race, 2014, 2, 160-223.	0.8	3
477	The roles of Jumonji-type oxygenases in human disease. Epigenomics, 2014, 6, 89-120.	1.0	141
478	A Role for Saccharomyces cerevisiae Tpa1 Protein in Direct Alkylation Repair. Journal of Biological Chemistry, 2014, 289, 35939-35952.	1.6	21

#	ARTICLE	IF	CITATIONS
479	FTO knockdown in rat ventromedial hypothalamus does not affect energy balance. <i>Physiological Reports</i> , 2014, 2, e12152.	0.7	3
480	The effect of <i>FTO</i> variation on increased osteoarthritis risk is mediated through body mass index: a mendelian randomisation study. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2082-2086.	0.5	66
481	Genome-Wide Association Studies of Obesity. , 2014, , 33-53.		2
482	Expression studies of six human obesity-related genes in seven tissues from divergent pig breeds. <i>Animal Genetics</i> , 2014, 45, 59-66.	0.6	21
483	Moderate to vigorous physical activity interactions with genetic variants and body mass index in a large <sc>US</sc> ethnically diverse cohort. <i>Pediatric Obesity</i> , 2014, 9, e35-46.	1.4	31
484	Hydrochlorothiazide-induced hyperuricaemia in the pharmacogenomic evaluation of antihypertensive responses study. <i>Journal of Internal Medicine</i> , 2014, 276, 486-497.	2.7	27
485	Association of polymorphic variants of FTO and MC4R genes with obesity in a Tatar population. <i>Russian Journal of Genetics</i> , 2014, 50, 1326-1333.	0.2	9
486	Satiety Mechanisms in Genetic Risk of Obesity. <i>JAMA Pediatrics</i> , 2014, 168, 338.	3.3	149
487	Genetic strategies to understand physiological pathways regulating body weight. <i>Mammalian Genome</i> , 2014, 25, 377-383.	1.0	7
488	Novel SNP in the coding region of the FTO gene is associated with marbling score in Hanwoo (Korean) Tj ETQq1 1 0,784314 rgBT /Over	0,8	8
489	Changes in Gene Expression Associated with FTO Overexpression in Mice. <i>PLoS ONE</i> , 2014, 9, e97162.	1.1	31
490	Fat Mass- and Obesity-Associated (FTO) Gene and Antipsychotic-Induced Weight Gain: An Association Study. <i>Neuropsychobiology</i> , 2014, 69, 59-63.	0.9	16
491	The Role of the GWAS Identified FTO Locus in Regulating Body Size and Composition. , 2014, , 57-72.		0
492	Epigenetics of Human Obesity: A Link Between Genetics and Nutrition. , 2014, , 101-127.		0
493	Association of FTO gene with obesity in Polish schoolchildren. <i>Anthropological Review</i> , 2014, 77, 33-44.	0.2	9
494	Crystal structure of the RNA demethylase ALKBH5 from zebrafish. <i>FEBS Letters</i> , 2014, 588, 892-898.	1.3	50
495	The fat mass and obesity-associated (FTO) gene: Obesity and beyond?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2039-2047.	1.8	53
496	FTO contributes to hepatic metabolism regulation through regulation of leptin action and STAT3 signalling in liver. <i>Cell Communication and Signaling</i> , 2014, 12, 4.	2.7	47

#	ARTICLE	IF	CITATIONS
497	FTO and Obesity: Mechanisms of Association. <i>Current Diabetes Reports</i> , 2014, 14, 486.	1.7	120
498	The dynamic epitranscriptome: N6-methyladenosine and gene expression control. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 313-326.	16.1	812
499	Switching Demethylation Activities between AlkB Family RNA/DNA Demethylases through Exchange of Active Site Residues. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3659-3662.	7.2	53
500	Gene expression regulation mediated through reversible m6A RNA methylation. <i>Nature Reviews Genetics</i> , 2014, 15, 293-306.	7.7	1,401
501	The fat mass and obesity-associated FTO rs9939609 polymorphism is associated with elevated homocysteine levels in patients with multiple sclerosis screened for vascular risk factors. <i>Metabolic Brain Disease</i> , 2014, 29, 409-19.	1.4	29
502	Etiology of Obesity Over the Life Span: Ecological and Genetic Highlights from Asian Countries. <i>Current Obesity Reports</i> , 2014, 3, 16-37.	3.5	7
503	Obesity-associated variants within FTO form long-range functional connections with IRX3. <i>Nature</i> , 2014, 507, 371-375.	13.7	1,079
504	Crystal Structures of the Human RNA Demethylase Alkbh5 Reveal Basis for Substrate Recognition. <i>Journal of Biological Chemistry</i> , 2014, 289, 11571-11583.	1.6	143
505	Programming effects of <sc>FTO</sc> in the development of obesity. <i>Acta Physiologica</i> , 2014, 210, 58-69.	1.8	25
506	Fat mass and obesity-associated (FTO) protein interacts with CaMKII and modulates the activity of CREB signaling pathway. <i>Human Molecular Genetics</i> , 2014, 23, 3299-3306.	1.4	43
507	Obesity – A neuropsychological disease? Systematic review and neuropsychological model. <i>Progress in Neurobiology</i> , 2014, 114, 84-101.	2.8	99
508	The neuropathology of obesity: insights from human disease. <i>Acta Neuropathologica</i> , 2014, 127, 3-28.	3.9	64
509	The Genetics of Obesity., 2014, , .		0
510	Obesity and FTO: Changing Focus at a Complex Locus. <i>Cell Metabolism</i> , 2014, 20, 710-718.	7.2	84
511	Repair of methyl lesions in RNA by oxidative demethylation. <i>MedChemComm</i> , 2014, 5, 1797-1803.	3.5	7
512	Ada response - a strategy for repair of alkylated DNA in bacteria. <i>FEMS Microbiology Letters</i> , 2014, 355, 1-11.	0.7	26
513	Mechanism of Repair of Acrolein- and Malondialdehyde-Derived Exocyclic Guanine Adducts by the Fe^{II} -Ketoglutarate/Fe(II) Dioxygenase AlkB. <i>Chemical Research in Toxicology</i> , 2014, 27, 1619-1631.	1.7	23
514	The role of the FTO (Fat Mass and Obesity Related) locus in regulating body size and composition. <i>Molecular and Cellular Endocrinology</i> , 2014, 397, 34-41.	1.6	46

#	ARTICLE	IF	CITATIONS
515	A nonradioactive restriction enzyme-mediated assay to detect DNA repair by Fe(II)/2-oxoglutarate-dependent dioxygenase. <i>Analytical Biochemistry</i> , 2014, 465, 35-37.	1.1	8
516	Gene dose effect between a fat mass and obesity-associated polymorphism and body mass index was observed in Korean women with polycystic ovary syndrome but not in control women. <i>Fertility and Sterility</i> , 2014, 102, 1143-1148.e2.	0.5	21
517	Genetics of metabolic syndrome. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014, 15, 243-252.	2.6	67
518	Association between the IRS1 and FTO genes regulates body weight in rabbits. <i>Gene</i> , 2014, 548, 75-80.	1.0	6
519	Structures of Human ALKBH5 Demethylase Reveal a Unique Binding Mode for Specific Single-stranded N6-Methyladenosine RNA Demethylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 17299-17311.	1.6	138
520	Adipose tissue depot specific promoter methylation of TMEM18. <i>Journal of Molecular Medicine</i> , 2014, 92, 881-888.	1.7	21
521	Nutrition and Reproduction. , 2014, , 422-431.e6.		0
522	Dynamic RNA modifications in disease. <i>Current Opinion in Genetics and Development</i> , 2014, 26, 47-52.	1.5	92
523	Comparative analysis of plasma metabolomics response to metabolic challenge tests in healthy subjects and influence of the FTO obesity risk allele. <i>Metabolomics</i> , 2014, 10, 386-401.	1.4	16
524	Genetics of Energy and Macronutrient Intake in Humans. <i>Current Nutrition Reports</i> , 2014, 3, 170-177.	2.1	3
525	Oxidative Demethylation of DNA and RNA Mediated by Non-Heme Iron-Dependent Dioxygenases. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2018-2029.	1.7	8
526	Methylation Modifications in Eukaryotic Messenger RNA. <i>Journal of Genetics and Genomics</i> , 2014, 41, 21-33.	1.7	118
527	FTO gene variant and risk of hypertension: A meta-analysis of 57,464 hypertensive cases and 41,256 controls. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 633-639.	1.5	32
528	Genes and the hypothalamic control of metabolism in humans. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2014, 28, 635-647.	2.2	17
529	Variation in the obesity risk gene FTO determines the postprandial cerebral processing of food stimuli in the prefrontal cortex. <i>Molecular Metabolism</i> , 2014, 3, 109-113.	3.0	44
530	The bigger picture of FTO—the first GWAS-identified obesity gene. <i>Nature Reviews Endocrinology</i> , 2014, 10, 51-61.	4.3	490
531	Four pairs of gene-gene interactions associated with increased risk for type 2 diabetes (CDKN2BAS-KCNJ11), obesity (SLC2A9-IGF2BP2, FTO-APOA5), and hypertension (MC4R-IGF2BP2) in Chinese women. <i>Meta Gene</i> , 2014, 2, 384-391.	0.3	18
532	Subcellular compartmentation of ascorbate and its variation in disease states. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1909-1916.	1.9	58

#	ARTICLE	IF	CITATIONS
533	Nucleic Acid Oxidation in DNA Damage Repair and Epigenetics. <i>Chemical Reviews</i> , 2014, 114, 4602-4620.	23.0	79
534	Human obesity: FTO, IRX3, or both?. <i>Molecular Metabolism</i> , 2014, 3, 505-506.	3.0	9
535	FTO-genotype affects postprandial neuronal responses to visual food cues. <i>Molecular Metabolism</i> , 2014, 3, 84-85.	3.0	2
536	Genome-wide association studies of obesity and metabolic syndrome. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 740-757.	1.6	252
537	Effect of the FTO rs9930506 Polymorphism on the Main Comorbidities of the Cardiorenal Metabolic Syndrome in an Elderly Spanish Cohort. <i>CardioRenal Medicine</i> , 2014, 4, 82-87.	0.7	16
539	The Genetic Association of FTO Variants With Metabolic Traits in Patients With Schizophrenia May Be Modified by Antipsychotics. <i>Journal of Clinical Psychopharmacology</i> , 2014, 34, 162-165.	0.7	5
540	Understanding Molecular Mechanisms for Diabetes and Obesity through Mouse Models. <i>Frontiers in Diabetes</i> , 2014, , 146-157.	0.4	0
542	BAC transgenic zebrafish reveal hypothalamic enhancer activity around obesity associated SNP rs9939609 within the human FTO gene. <i>Genesis</i> , 2015, 53, 640-651.	0.8	6
543	The metabolic syndrome: the future is now. <i>Acta Physiologica</i> , 2015, 214, 291-294.	1.8	4
544	Milk: an epigenetic amplifier of FTO-mediated transcription? Implications for Western diseases. <i>Journal of Translational Medicine</i> , 2015, 13, 385.	1.8	64
545	Genetics of second-generation antipsychotic and mood stabilizer-induced weight gain in bipolar disorder. <i>Pharmacogenetics and Genomics</i> , 2015, 25, 354-362.	0.7	15
546	Association of the fat mass and obesity-associated gene risk allele, rs9939609A, and reward-related brain structures. <i>Obesity</i> , 2015, 23, 2118-2122.	1.5	19
547	Direct Reversal Repair in Mammalian Cells. , 0, , .		3
548	Signatures of Natural Selection at the FTO (Fat Mass and Obesity Associated) Locus in Human Populations. <i>PLoS ONE</i> , 2015, 10, e0117093.	1.1	11
549	Alkbh8 Regulates Selenocysteine-Protein Expression to Protect against Reactive Oxygen Species Damage. <i>PLoS ONE</i> , 2015, 10, e0131335.	1.1	77
550	The Demethylase Activity of FTO (Fat Mass and Obesity Associated Protein) Is Required for Preadipocyte Differentiation. <i>PLoS ONE</i> , 2015, 10, e0133788.	1.1	72
551	Association between FTO polymorphism in exon 3 with carcass and meat quality traits in crossbred ducks. <i>Genetics and Molecular Research</i> , 2015, 14, 6699-6714.	0.3	6
552	Association of FTO Mutations with Risk and Survival of Breast Cancer in a Chinese Population. <i>Disease Markers</i> , 2015, 2015, 1-6.	0.6	16

#	ARTICLE	IF	CITATIONS
553	Role of FTO in Adipocyte Development and Function: Recent Insights. International Journal of Endocrinology, 2015, 2015, 1-7.	0.6	28
554	Effect of the Common Fat Mass and Obesity Associated Gene Variants on Obesity in Pakistani Population: A Case-Control Study. BioMed Research International, 2015, 2015, 1-8.	0.9	20
555	Modifying the maker: Oxygenases target ribosome biology. Translation, 2015, 3, e1009331.	2.9	9
557	Non-homologous functions of the AlkB homologs. Journal of Molecular Cell Biology, 2015, 7, 494-504.	1.5	52
558	MECHANISMS IN ENDOCRINOLOGY: Metabolic syndrome through the female life cycle. European Journal of Endocrinology, 2015, 173, R153-R163.	1.9	56
559	Loss of FTO in adipose tissue decreases <i>Angptl4</i> translation and alters triglyceride metabolism. Science Signaling, 2015, 8, ra127.	1.6	30
560	Genetics and epigenetics of obesity. Biology Bulletin Reviews, 2015, 5, 538-547.	0.3	2
561	Insights into the Genetic Susceptibility to Type 2 Diabetes from Genome-Wide Association Studies of Obesity-Related Traits. Current Diabetes Reports, 2015, 15, 83.	1.7	47
562	Posttranscriptional modification of messenger RNAs in eukaryotes. Molecular Biology, 2015, 49, 825-836.	0.4	0
563	Clinical significance and therapeutic potential of prostate cancer antigen-1/ALKBH3 in human renal cell carcinoma. Oncology Reports, 2015, 34, 648-654.	1.2	30
564	Advancement in genetic variants conferring obesity susceptibility from genome-wide association studies. Frontiers of Medicine, 2015, 9, 146-161.	1.5	7
565	Meclofenamic acid selectively inhibits FTO demethylation of m6A over ALKBH5. Nucleic Acids Research, 2015, 43, 373-384.	6.5	453
566	Genetics of Obesity in Childhood and Adolescence. Pediatric and Adolescent Medicine, 2015, , 31-39.	0.4	0
567	2-Hydrazinobenzothiazole-based etheno-adduct repair protocol (HERP): A method for quantitative determination of direct repair of etheno-bases. DNA Repair, 2015, 28, 8-13.	1.3	2
568	FTO gene variants are not associated with polycystic ovary syndrome in women from Southern Brazil. Gene, 2015, 560, 25-29.	1.0	25
569	Defining the Orphan Functions of Lysine Acetyltransferases. ACS Chemical Biology, 2015, 10, 85-94.	1.6	46
570	Structure and Thermodynamics of N ⁶ -Methyladenosine in RNA: A Spring-Loaded Base Modification. Journal of the American Chemical Society, 2015, 137, 2107-2115.	6.6	331
571	Common variations in the FTO gene and obesity in Thais: A family-based study. Gene, 2015, 558, 75-81.	1.0	18

#	ARTICLE	IF	CITATIONS
572	Dynamic m ⁶ A modification and its emerging regulatory role in mRNA splicing. <i>Science Bulletin</i> , 2015, 60, 21-32.	4.3	30
573	Current review of genetics of human obesity: from molecular mechanisms to an evolutionary perspective. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1191-1221.	1.0	169
574	Association of FTO, KCNJ11, SLC30A8, and CDKN2B polymorphisms with type 2 diabetes mellitus. <i>Molecular Biology</i> , 2015, 49, 103-111.	0.4	8
575	Dietary Intake, <i>FTO</i> Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. <i>Diabetes</i> , 2015, 64, 2467-2476.	0.3	74
576	Experimental Correlation of Substrate Position with Reaction Outcome in the Aliphatic Halogenase, SyrB2. <i>Journal of the American Chemical Society</i> , 2015, 137, 6912-6919.	6.6	78
577	The Association of <i>FTO</i> SNP rs9939609 with Weight Gain at University. <i>Obesity Facts</i> , 2015, 8, 243-251.	1.6	9
578	RNA N ⁶ -methyladenosine methylation in post-transcriptional gene expression regulation. <i>Genes and Development</i> , 2015, 29, 1343-1355.	2.7	727
579	Adult adiposity susceptibility loci, early growth and general and abdominal fatness in childhood: the Generation R Study. <i>International Journal of Obesity</i> , 2015, 39, 1001-1009.	1.6	14
580	FTO modulates circadian rhythms and inhibits the CLOCK-BMAL1-induced transcription. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 826-832.	1.0	18
581	High genetic risk individuals benefit less from resistance exercise intervention. <i>International Journal of Obesity</i> , 2015, 39, 1371-1375.	1.6	18
582	Biochemical Diversity of 2-Oxoglutarate-Dependent Oxygenases. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2015, , 1-58.	0.8	31
583	FTO influences adipogenesis by regulating mitotic clonal expansion. <i>Nature Communications</i> , 2015, 6, 6792.	5.8	186
584	The "Fat Mass and Obesity Related" (FTO) gene: Mechanisms of Impact on Obesity and Energy Balance. <i>Current Obesity Reports</i> , 2015, 4, 73-91.	3.5	129
585	Dietary Fat Modifies the Effects of FTO Genotype on Changes in Insulin Sensitivity. <i>Journal of Nutrition</i> , 2015, 145, 977-982.	1.3	30
586	The Hunger Genes: Pathways to Obesity. <i>Cell</i> , 2015, 161, 119-132.	13.5	293
587	Differential repair of etheno-DNA adducts by bacterial and human AlkB proteins. <i>DNA Repair</i> , 2015, 30, 1-10.	1.3	33
588	A strategy based on nucleotide specificity leads to a subfamily-selective and cell-active inhibitor of N ⁶ -methyladenosine demethylase FTO. <i>Chemical Science</i> , 2015, 6, 112-122.	3.7	85
589	Characterization of the interaction of FTO protein with thioglycolic acid capped CdTe quantum dots and its analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 667-673.	2.0	8

#	ARTICLE	IF	CITATIONS
590	Diazirine Photocrosslinking Recruits Activated FTO Demethylase Complexes for Specific <i>N⁶</i> -methyladenosine Recognition. ACS Chemical Biology, 2015, 10, 1450-1455.	1.6	19
591	Influence of physical activity on the association between the <i>FTO</i> variant rs9939609 and adiposity in young adults. American Journal of Human Biology, 2015, 27, 734-738.	0.8	19
592	Inducible repair of alkylated DNA in microorganisms. Mutation Research - Reviews in Mutation Research, 2015, 763, 294-305.	2.4	37
593	Fat mass- and obesity-associated gene <i>Fto</i> affects the dietary response in mouse white adipose tissue. Scientific Reports, 2015, 5, 9233.	1.6	46
594	Genetics of Cardiovascular Risk in Obesity. , 2015, , 1-30.		0
595	Computations Reveal a Rich Mechanistic Variation of Demethylation of <i>N</i> -Methylated DNA/RNA Nucleotides by FTO. ACS Catalysis, 2015, 5, 7077-7090.	5.5	56
596	The Genetics of Pediatric Obesity. Trends in Endocrinology and Metabolism, 2015, 26, 711-721.	3.1	66
597	Genome-wide association studies of human adiposity: Zooming in on synapses. Molecular and Cellular Endocrinology, 2015, 418, 90-100.	1.6	8
598	Genetics of Type 2 Diabetes. , 2015, , 1-21.		0
599	Scrutinizing the <i>FTO</i> locus: compelling evidence for a complex, long-range regulatory context. Human Genetics, 2015, 134, 1183-1193.	1.8	22
600	Identification of A Novel Small-Molecule Binding Site of the Fat Mass and Obesity Associated Protein (<i>FTO</i>). Journal of Medicinal Chemistry, 2015, 58, 7341-7348.	2.9	79
601	<i>FTO</i> is necessary for the induction of leptin resistance by high-fat feeding. Molecular Metabolism, 2015, 4, 287-298.	3.0	22
602	Haplotyping strategy highlights the specificity of <i>FTO</i> gene association with polycystic ovary syndrome in Tunisian women population. Gene, 2015, 565, 166-170.	1.0	7
603	Decreased <i>N⁶</i> -Methyladenosine in Peripheral Blood RNA From Diabetic Patients Is Associated With <i>FTO</i> Expression Rather Than <i>ALKBH5</i> . Journal of Clinical Endocrinology and Metabolism, 2015, 100, E148-E154.	1.8	158
604	RNA epigenetics. Translational Research, 2015, 165, 28-35.	2.2	111
605	Fat mass and obesity associated (<i>FTO</i>) gene regulates gluconeogenesis in chicken embryo fibroblast cells. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 179, 149-156.	0.8	23
607	The Decay of Disease Association with Declining Linkage Disequilibrium: A Fine Mapping Theorem. Frontiers in Genetics, 2016, 7, 217.	1.1	1
608	Adolescent Maturational Transitions in the Prefrontal Cortex and Dopamine Signaling as a Risk Factor for the Development of Obesity and High Fat/High Sugar Diet Induced Cognitive Deficits. Frontiers in Behavioral Neuroscience, 2016, 10, 189.	1.0	63

#	ARTICLE	IF	CITATIONS
609	Mouse Maternal High-Fat Intake Dynamically Programmed mRNA m6A Modifications in Adipose and Skeletal Muscle Tissues in Offspring. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1336.	1.8	29
610	Fto-Deficiency Affects the Gene and MicroRNA Expression Involved in Brown Adipogenesis and Browning of White Adipose Tissue in Mice. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1851.	1.8	26
611	Gender-Dependent Association of FTO Polymorphisms with Body Mass Index in Mexicans. <i>PLoS ONE</i> , 2016, 11, e0145984.	1.1	41
612	Tissue Distribution of Porcine FTO and Its Effect on Porcine Intramuscular Preadipocytes Proliferation and Differentiation. <i>PLoS ONE</i> , 2016, 11, e0151056.	1.1	17
613	Genome-wide association studies of body mass index. , 0, , 69-78.		0
614	ALKBH8 promotes bladder cancer growth and progression through regulating the expression of survivin. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 413-418.	1.0	29
615	<i>FTO</i> variant associated with malformation syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1023-1028.	0.7	13
616	Birth weight modifies the association between central nervous system gene variation and adult body mass index. <i>Journal of Human Genetics</i> , 2016, 61, 193-198.	1.1	13
618	<i>N</i> ⁶ -Methyladenosine Methyltransferases and Demethylases: New Regulators of Stem Cell Pluripotency and Differentiation. <i>Stem Cells and Development</i> , 2016, 25, 1050-1059.	1.1	13
619	Recent advances in dynamic m ⁶ A RNA modification. <i>Open Biology</i> , 2016, 6, 160003.	1.5	265
620	<i>N</i> ⁶ -methyladenosine modification in mRNA: machinery, function and implications for health and diseases. <i>FEBS Journal</i> , 2016, 283, 1607-1630.	2.2	167
621	The Toxic Effects of a Perinatal Obesogenic Environment: Maternal Obesity and Impacts on Future Generations. <i>Molecular and Integrative Toxicology</i> , 2016, , 245-267.	0.5	0
622	Risk of obesity and metabolic syndrome associated with FTO gene variants discloses clinically relevant gender difference among Turks. <i>Molecular Biology Reports</i> , 2016, 43, 485-494.	1.0	18
623	Association of FTO and near MC4R variants with obesity measures in urban and rural dwelling Sri Lankans. <i>Obesity Research and Clinical Practice</i> , 2016, 10, S117-S124.	0.8	13
624	<i>N</i> ⁶ -Methyladenosine (m6A) Methylation in mRNA with A Dynamic and Reversible Epigenetic Modification. <i>Molecular Biotechnology</i> , 2016, 58, 450-459.	1.3	101
625	Association of a common rs9939609 variant in the fat mass and obesity-associated (FTO) gene with obesity and metabolic phenotypes in a Taiwanese population: a replication study. <i>Journal of Genetics</i> , 2016, 95, 595-601.	0.4	12
626	Genetic susceptibility for insulin resistance among Egyptian women. <i>Journal of Genetic Engineering and Biotechnology</i> , 2016, 14, 189-193.	1.5	1
627	RNA Modification <i>N</i> ⁶ -Methyladenosine in Post-transcriptional Regulation. <i>RNA Technologies</i> , 2016, , 131-145.	0.2	1

#	ARTICLE	IF	CITATIONS
628	Modified Nucleic Acids in Biology and Medicine. RNA Technologies, 2016, , .	0.2	3
629	Structure-based design and evaluation of novel N-phenyl-1H-indol-2-amine derivatives for fat mass and obesity-associated (FTO) protein inhibition. Computational Biology and Chemistry, 2016, 64, 414-425.	1.1	21
630	Hepatic FTO expression is increased in NASH and its silencing attenuates palmitic acid-induced lipotoxicity. Biochemical and Biophysical Research Communications, 2016, 479, 476-481.	1.0	39
631	ALKBH1-Mediated tRNA Demethylation Regulates Translation. Cell, 2016, 167, 816-828.e16.	13.5	366
632	Synthesis and Characterization of Chrysin-loaded PCL-PEG-PCL nanoparticle and its effect on breast cancer cell line. Biomedicine and Pharmacotherapy, 2016, 84, 1915-1922.	2.5	67
633	FTO modulates fibrogenic responses in obstructive nephropathy. Scientific Reports, 2016, 6, 18874.	1.6	22
634	N6-Methyladenine: A Conserved and Dynamic DNA Mark. Advances in Experimental Medicine and Biology, 2016, 945, 213-246.	0.8	107
635	Update: Mechanisms Underlying N 6 -Methyladenosine Modification of Eukaryotic mRNA. Trends in Genetics, 2016, 32, 763-773.	2.9	50
636	N6-Methyladenosine: a conformational marker that regulates the substrate specificity of human demethylases FTO and ALKBH5. Scientific Reports, 2016, 6, 25677.	1.6	118
637	Association of FTO and TMEM18 polymorphisms with overweight and obesity in the population of Polish children. Anthropological Review, 2016, 79, 17-33.	0.2	7
638	<scp>FTO</scp> polymorphism, cardiorespiratory fitness, and obesity in <scp>B</scp>razilian youth. American Journal of Human Biology, 2016, 28, 381-386.	0.8	23
639	Physical activity and FTO genotype by physical activity interactive influences on obesity. BMC Genetics, 2016, 17, 47.	2.7	20
640	The Neurobiology of "Food Addiction" and Its Implications for Obesity Treatment and Policy. Annual Review of Nutrition, 2016, 36, 105-128.	4.3	151
641	Association of the FTO (rs9939609) and MC4R (rs17782313) gene polymorphisms with maternal body weight during pregnancy. Nutrition, 2016, 32, 1223-1230.	1.1	16
642	Role of a common variant of Fat Mass and Obesity associated (FTO) gene in obesity and coronary artery disease in subjects from Punjab, Pakistan: a case control study. Lipids in Health and Disease, 2016, 15, 29.	1.2	21
643	Birth weight is associated with placental fat mass- and obesity-associated gene expression and promoter methylation in a Chinese population. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 106-111.	0.7	17
644	Genetics of Type 2 Diabetes. , 2016, , 141-157.		0
645	Sequencing of FTO and ALKBH5 in men undergoing infertility work-up identifies an infertility-associated variant and two missense mutations. Fertility and Sterility, 2016, 105, 1170-1179.e5.	0.5	37

#	ARTICLE	IF	CITATIONS
646	Association of rs9939609 Polymorphism with Metabolic Parameters and <i>FTO</i> Risk Haplotype Among Tunisian Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2016, 14, 121-128.	0.5	24
647	<i>FTO</i> gene variant modulates the neural correlates of visual food perception. <i>NeuroImage</i> , 2016, 128, 21-31.	2.1	33
648	<i>Hoxa5</i> undergoes dynamic DNA methylation and transcriptional repression in the adipose tissue of mice exposed to high-fat diet. <i>International Journal of Obesity</i> , 2016, 40, 929-937.	1.6	40
649	<i>FTO</i> genotype and weight loss in diet and lifestyle interventions: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1162-1170.	2.2	84
650	<i>N⁶</i> -Methyladenine hinders RNA- and DNA-directed DNA synthesis: application in human rRNA methylation analysis of clinical specimens. <i>Chemical Science</i> , 2016, 7, 1440-1446.	3.7	55
651	Maternal and neonatal <i>FTO</i> rs9939609 polymorphism affect insulin sensitivity markers and lipoprotein profile at birth in appropriate-for-gestational-age term neonates. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 169-181.	1.3	13
652	<i>N⁶</i> -methyladenosine-encoded epitranscriptomics. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 98-102.	3.6	266
653	A Novel Inhibitor of the Obesity-Related Protein <i>FTO</i> . <i>Biochemistry</i> , 2016, 55, 1516-1522.	1.2	70
654	A patient with a novel homozygous missense mutation in <i>FTO</i> and concomitant nonsense mutation in <i>CETP</i> . <i>Journal of Human Genetics</i> , 2016, 61, 395-403.	1.1	14
655	Genetics of Cardiovascular Risk in Obesity. , 2016, , 195-219.		0
656	Obesity and peripheral arterial disease: A Mendelian Randomization analysis. <i>Atherosclerosis</i> , 2016, 247, 218-224.	0.4	52
657	Identification of a pathogenic <i>FTO</i> mutation by next-generation sequencing in a newborn with growth retardation and developmental delay. <i>Journal of Medical Genetics</i> , 2016, 53, 200-207.	1.5	50
658	The Role of DNA Methylation in Cardiovascular Risk and Disease. <i>Circulation Research</i> , 2016, 118, 119-131.	2.0	167
659	<i>N⁶</i> -Methylated Adenosine in RNA: From Bacteria to Humans. <i>Journal of Molecular Biology</i> , 2016, 428, 2134-2145.	2.0	25
660	Association of genetic variants in the <i>FTO</i> gene with metabolic syndrome: A case-control study in the Tunisian population. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 206-211.	1.2	17
661	Obesity, More than a "Cosmetic" Problem. Current Knowledge and Future Prospects of Human Obesity Genetics. <i>Biochemical Genetics</i> , 2016, 54, 1-28.	0.8	17
662	<i>FTO</i> association and interaction with time spent sitting. <i>International Journal of Obesity</i> , 2016, 40, 411-416.	1.6	17
663	Association between the <i>FTO</i> rs8050136 polymorphism and cancer risk: a meta-analysis. <i>Familial Cancer</i> , 2016, 15, 145-153.	0.9	13

#	ARTICLE	IF	CITATIONS
664	Association of FTO and IRX3 genetic variants to obesity risk in north India. <i>Annals of Human Biology</i> , 2016, 43, 451-456.	0.4	27
665	Metabolic Signaling to Chromatin. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a019463.	2.3	110
666	The effect of rs9939609 FTO gene polymorphism on weight loss after laparoscopic sleeve gastrectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 121-125.	1.3	15
667	Common variant within the FTO gene, rs9939609, obesity and type 2 diabetes in population of Karachi, Pakistan. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2016, 10, 43-47.	1.8	16
668	Epigenetic Downregulation of Scn3a Expression by Valproate: a Possible Role in Its Anticonvulsant Activity. <i>Molecular Neurobiology</i> , 2017, 54, 2831-2842.	1.9	37
669	Computational insights into the origin of decrease/increase in potency of <i>N</i> -CDPCB analogues toward FTO. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1758-1765.	2.0	5
670	rs3751812, a common variant in fat mass and obesity-associated (FTO) gene, is associated with serum high- and low-density lipoprotein cholesterol in Pakistani individuals. <i>Nutrition</i> , 2017, 39-40, 92-95.	1.1	18
671	Molecular genetics of human obesity: A comprehensive review. <i>Comptes Rendus - Biologies</i> , 2017, 340, 87-108.	0.1	151
672	Lifestyle and precision diabetes medicine: will genomics help optimise the prediction, prevention and treatment of type 2 diabetes through lifestyle therapy?. <i>Diabetologia</i> , 2017, 60, 784-792.	2.9	28
673	AMPK regulates lipid accumulation in skeletal muscle cells through FTO-dependent demethylation of N6-methyladenosine. <i>Scientific Reports</i> , 2017, 7, 41606.	1.6	80
674	AlkB homolog 3-mediated tRNA demethylation promotes protein synthesis in cancer cells. <i>Scientific Reports</i> , 2017, 7, 42271.	1.6	201
675	1,N6- β -hydroxypropanoadenine, the acrolein adduct to adenine, is a substrate for AlkB dioxygenase. <i>Biochemical Journal</i> , 2017, 474, 1837-1852.	1.7	2
676	Mechanisms of DNA damage, repair, and mutagenesis. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 235-263.	0.9	1,129
677	ALKBH1 is an RNA dioxygenase responsible for cytoplasmic and mitochondrial tRNA modifications. <i>Nucleic Acids Research</i> , 2017, 45, 7401-7415.	6.5	180
678	Control of box C/D snoRNP assembly by N ⁶ -methylation of adenine. <i>EMBO Reports</i> , 2017, 18, 1631-1645.	2.0	51
679	The RNA Modification N 6 -methyladenosine and Its Implications in Human Disease. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 154-163.	3.0	132
680	rs9939609 FTO genotype associations with FTO methylation level influences body mass and telomere length in an Australian rural population. <i>International Journal of Obesity</i> , 2017, 41, 1427-1433.	1.6	19
681	DRD2: Bridging the Genome and Ingestive Behavior. <i>Trends in Cognitive Sciences</i> , 2017, 21, 372-384.	4.0	40

#	ARTICLE	IF	CITATIONS
682	FTO is required for myogenesis by positively regulating mTOR-PGC-1 β pathway-mediated mitochondria biogenesis. <i>Cell Death and Disease</i> , 2017, 8, e2702-e2702.	2.7	102
683	Obstacles to Translating Genotype-Phenotype Correlates in Metabolic Disease. <i>Physiology</i> , 2017, 32, 42-50.	1.6	2
684	Genetics of fat intake in the determination of body mass. <i>Nutrition Research Reviews</i> , 2017, 30, 106-117.	2.1	17
685	Lipid peroxidation in face of DNA damage, DNA repair and other cellular processes. <i>Free Radical Biology and Medicine</i> , 2017, 107, 77-89.	1.3	61
686	Epitranscriptome: m6A and its function in stem cell biology. <i>Genes and Genomics</i> , 2017, 39, 371-378.	0.5	4
687	Negative regulation of hepatic fat mass and obesity associated (Fto) gene expression by insulin. <i>Life Sciences</i> , 2017, 170, 50-55.	2.0	18
688	Vanadyl as a Stable Structural Mimic of Reactive Ferryl Intermediates in Mononuclear Nonheme-Iron Enzymes. <i>Inorganic Chemistry</i> , 2017, 56, 13382-13389.	1.9	19
689	Regulation of Stem Cell Aging by Metabolism and Epigenetics. <i>Cell Metabolism</i> , 2017, 26, 460-474.	7.2	188
690	Roles of RNA methylation by means of N6-methyladenosine (m6A) in human cancers. <i>Cancer Letters</i> , 2017, 408, 112-120.	3.2	223
691	Genetics of Nonsyndromic Human Obesity, With Suggestions for New Studies From Work in Mouse Models. , 2017, , 455-476.		0
692	Formaldehyde from Environment. , 2017, , 1-19.		3
693	Interaction between the <i>FTO</i> gene, body mass index and depression: meta-analysis of 13701 individuals. <i>British Journal of Psychiatry</i> , 2017, 211, 70-76.	1.7	49
694	Effect of dietary consumption as a modifier on the association between FTO gene variants and excess body weight in children from an admixed population in Brazil: the Social Changes, Asthma and Allergy in Latin America (SCAALA) cohort study. <i>British Journal of Nutrition</i> , 2017, 117, 1503-1510.	1.2	6
695	m ⁶ A RNA Modification Determines Cell Fate by Regulating mRNA Degradation. <i>Cellular Reprogramming</i> , 2017, 19, 225-231.	0.5	31
696	Post-transcriptional gene regulation by mRNA modifications. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 31-42.	16.1	1,592
697	Study on the interaction of taiwaniaquinoids with FTO by spectroscopy and molecular modeling. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 3182-3193.	2.0	9
698	Investigation of the Interaction between 1,3-Diazaheterocyclic Compounds and the Fat Mass and Obesity-Associated Protein by Fluorescence Spectroscopy and Molecular Modeling. <i>Journal of Fluorescence</i> , 2017, 27, 369-378.	1.3	10
699	Association of <i>ADIPOQ</i> , <i>LEP</i> , and <i>FTO</i> gene polymorphisms with large for gestational age infants. <i>American Journal of Human Biology</i> , 2017, 29, e22893.	0.8	9

#	ARTICLE	IF	CITATIONS
700	FTO expression is associated with the occurrence of gastric cancer and prognosis. <i>Oncology Reports</i> , 2017, 38, 2285-2292.	1.2	132
701	Gender-specific alteration of energy balance and circadian locomotor activity in the <i>Crtc1</i> knockout mouse model of depression. <i>Translational Psychiatry</i> , 2017, 7, 1269.	2.4	12
702	Effect of Bioactive Nutriment in Health and Disease: The Role of Epigenetic Modifications. , 2017, , .		2
703	Complex Relationship between Obesity and the Fat Mass and Obesity Locus. <i>International Journal of Biological Sciences</i> , 2017, 13, 615-629.	2.6	55
704	Neural and Molecular Mechanisms Involved in Controlling the Quality of Feeding Behavior: Diet Selection and Feeding Patterns. <i>Nutrients</i> , 2017, 9, 1151.	1.7	22
705	Role of DNA and RNA N6-Adenine Methylation in Regulating Stem Cell Fate. <i>Current Stem Cell Research and Therapy</i> , 2017, 13, 31-38.	0.6	39
706	The Enzymology of 2-Hydroxyglutarate, 2-Hydroxyglutaramate and 2-Hydroxysuccinamate and Their Relationship to Oncometabolites. <i>Biology</i> , 2017, 6, 24.	1.3	13
707	<i>Angelica sinensis</i> Suppresses Body Weight Gain and Alters Expression of the FTO Gene in High-Fat-Diet Induced Obese Mice. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	12
708	Exogenous Expressions of FTO Wild-Type and R316Q Mutant Proteins Caused an Increase in HNRPK Levels in 3T3-L1 Cells as Demonstrated by DIGE Analysis. <i>BioMed Research International</i> , 2017, 2017, 1-11.	0.9	3
709	Vitamin C in Stem Cell Biology: Impact on Extracellular Matrix Homeostasis and Epigenetics. <i>Stem Cells International</i> , 2017, 2017, 1-16.	1.2	76
710	RNA Epigenetics (Epitranscriptomics). , 2017, , 19-35.		0
711	LC-MS-MS quantitative analysis reveals the association between FTO and DNA methylation. <i>PLoS ONE</i> , 2017, 12, e0175849.	1.1	20
712	The (FTO) gene polymorphism is associated with metabolic syndrome risk in Egyptian females: a case-control study. <i>BMC Medical Genetics</i> , 2017, 18, 101.	2.1	21
713	FTO associations with obesity and telomere length. <i>Journal of Biomedical Science</i> , 2017, 24, 65.	2.6	49
715	Lack of Association between FTO Gene Variations and Metabolic Healthy Obese (MHO) Phenotype: Tehran Cardio-Metabolic Genetic Study (TCGS). <i>Journal of Obesity & Weight Loss Therapy</i> , 2017, 07, .	0.1	0
716	Association of polymorphic markers of genes <i>FTO</i> , <i>KCNJ11</i> , <i>CDKAL1</i> , <i>SLC30A8</i> , and <i>CDKN2B</i> with type 2 diabetes mellitus in the Russian population. <i>PeerJ</i> , 2017, 5, e3414.	0.9	23
717	Relationship between fat mass and obesity-associated gene expression and type 2 diabetes mellitus severity. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2917-2921.	0.8	7
718	Body weight regulation, socioeconomic status and epigenetic alterations. <i>Metabolism: Clinical and Experimental</i> , 2018, 85, 109-115.	1.5	14

#	ARTICLE	IF	CITATIONS
719	Association of fat mass and obesity-associated and retinitis pigmentosa guanosine triphosphatase (GTPase) regulator-interacting protein-1 like polymorphisms with body mass index in Chinese women. <i>Endocrine Journal</i> , 2018, 65, 783-791.	0.7	4
720	Ascorbic acid induces global epigenetic reprogramming to promote meiotic maturation and developmental competence of porcine oocytes. <i>Scientific Reports</i> , 2018, 8, 6132.	1.6	55
721	Emerging role of dynamic RNA modifications during animal development. <i>Mechanisms of Development</i> , 2018, 154, 24-32.	1.7	30
722	FTO reduces mitochondria and promotes hepatic fat accumulation through RNA demethylation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5676-5685.	1.2	94
723	Association of AlkB homolog 3 expression with tumor recurrence and unfavorable prognosis in hepatocellular carcinoma. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 1617-1625.	1.4	25
724	Contributions of Function-Altering Variants in Genes Implicated in Pubertal Timing and Body Mass for Self-Limited Delayed Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 649-659.	1.8	31
725	Association of <i>FTO</i> rs9939609 with Obesity in the Kuwaiti Population: A Public Health Concern?. <i>Medical Principles and Practice</i> , 2018, 27, 145-151.	1.1	17
726	Emerging roles of RNA-binding proteins in diabetes and their therapeutic potential in diabetic complications. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1459.	3.2	42
727	The Association Between the FTO rs9939609 Variant and Malignant Pleural Mesothelioma Risk: A Case-Control Study. <i>Genetic Testing and Molecular Biomarkers</i> , 2018, 22, 79-84.	0.3	10
728	Polygenic Obesity. <i>Contemporary Endocrinology</i> , 2018, , 183-202.	0.3	3
729	The FTO variant is associated with chronic complications of diabetes mellitus in Czech population. <i>Gene</i> , 2018, 642, 220-224.	1.0	19
730	Differential distribution and association of FTO rs9939609 gene polymorphism with obesity: A cross-sectional study among two tribal populations of India with East-Asian ancestry. <i>Gene</i> , 2018, 647, 198-204.	1.0	20
731	FTO variant is not associated with osteoarthritis in the Chinese Han population: replication study for a genome-wide association study identified risk loci. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 65.	0.9	14
732	Structural Insights into N ⁶ -methyladenosine (m ⁶ A) Modification in the Transcriptome. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 85-98.	3.0	56
733	YTH Domain: A Family of N ⁶ -methyladenosine (m ⁶ A) Readers. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 99-107.	3.0	277
734	Vitamin C in Stem Cell Reprogramming and Cancer. <i>Trends in Cell Biology</i> , 2018, 28, 698-708.	3.6	139
735	Association of the FTO fat mass and obesity-associated gene rs9939609 polymorphism with rewarding value of food and eating behavior in Chilean children. <i>Nutrition</i> , 2018, 54, 105-110.	1.1	21
736	FTO promotes SREBP1c maturation and enhances CIDEA transcription during lipid accumulation in HepG2 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 538-548.	1.2	47

#	ARTICLE	IF	CITATIONS
737	Association between FTO gene polymorphisms and HDL cholesterol concentration may cause higher risk of cardiovascular disease in patients with acromegaly. <i>Pituitary</i> , 2018, 21, 10-15.	1.6	12
738	Genetics of obesity: what genetic association studies have taught us about the biology of obesity and its complications. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 223-236.	5.5	335
739	Characterization of human AlkB homolog 1 produced in mammalian cells and demonstration of mitochondrial dysfunction in ALKBH1-deficient cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 98-103.	1.0	17
740	Effects of artichoke leaf extract supplementation on metabolic parameters in women with metabolic syndrome: Influence of TCF7L2 rs7903146 and FTO rs9939609 polymorphisms. <i>Phytotherapy Research</i> , 2018, 32, 84-93.	2.8	27
741	Ubiquitination Regulates the Proteasomal Degradation and Nuclear Translocation of the Fat Mass and Obesity-Associated (FTO) Protein. <i>Journal of Molecular Biology</i> , 2018, 430, 363-371.	2.0	22
742	FTO demethylase activity is essential for normal bone growth and bone mineralization in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 843-850.	1.8	23
743	FTO Gene Affects Obesity and Breast Cancer Through Similar Mechanisms: A New Insight into the Molecular Therapeutic Targets. <i>Nutrition and Cancer</i> , 2018, 70, 30-36.	0.9	36
744	Potential link between m6A modification and systemic lupus erythematosus. <i>Molecular Immunology</i> , 2018, 93, 55-63.	1.0	68
745	The role of the fat mass and obesity-associated protein in the proliferation of pancreatic cancer cells. <i>Oncology Letters</i> , 2019, 17, 2473-2478.	0.8	54
746	Fat Mass and Obesity Associated (FTO) Gene and Hepatic Glucose and Lipid Metabolism. <i>Nutrients</i> , 2018, 10, 1600.	1.7	77
747	N6-Methyladenosine in RNA and DNA: An Epitranscriptomic and Epigenetic Player Implicated in Determination of Stem Cell Fate. <i>Stem Cells International</i> , 2018, 2018, 1-18.	1.2	52
748	Emerging function of N6-methyladenosine in cancer (Review). <i>Oncology Letters</i> , 2018, 16, 5519-5524.	0.8	42
749	Identification of epistatic interactions between the human RNA demethylases FTO and ALKBH5 with gene set enrichment analysis informed by differential methylation. <i>BMC Proceedings</i> , 2018, 12, 59.	1.8	7
750	The Fat Mass and Obesity-Associated (FTO) Gene to Obesity: Lessons from Mouse Models. <i>Obesity</i> , 2018, 26, 1674-1686.	1.5	21
751	Discovery of RNA-binding proteins and characterization of their dynamic responses by enhanced RNA interactome capture. <i>Nature Communications</i> , 2018, 9, 4408.	5.8	138
752	Differential m6A, m6Am, and m1A Demethylation Mediated by FTO in the Cell Nucleus and Cytoplasm. <i>Molecular Cell</i> , 2018, 71, 973-985.e5.	4.5	506
753	Adventures in Defining Roles of Oxygenases in the Regulation of Protein Biosynthesis. <i>Chemical Record</i> , 2018, 18, 1760-1781.	2.9	4
754	RNA ligase-like domain in activating signal cointegrator 1 complex subunit 1 (ASCC1) regulates ASCC complex function during alkylation damage. <i>Journal of Biological Chemistry</i> , 2018, 293, 13524-13533.	1.6	27

#	ARTICLE	IF	CITATIONS
755	NMR analyses on <i>N</i> -hydroxymethylated nucleobases – implications for formaldehyde toxicity and nucleic acid demethylases. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4021-4032.	1.5	38
756	The FTO Gene Is Associated with Growth and Omega-3/-6 Ratio in Asian Seabass. <i>Marine Biotechnology</i> , 2018, 20, 603-610.	1.1	9
757	RNA-modifying proteins as anticancer drug targets. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 435-453.	21.5	107
758	Dynamic transcriptomic m6A decoration: writers, erasers, readers and functions in RNA metabolism. <i>Cell Research</i> , 2018, 28, 616-624.	5.7	1,045
759	Glycogen synthase kinase-3 (GSK-3) activity regulates mRNA methylation in mouse embryonic stem cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 10731-10743.	1.6	27
760	N6-Methylation Assessment in <i>Escherichia coli</i> 23S rRNA Utilizing a Bulge Loop in an RNA-DNA Hybrid. <i>Analytical Chemistry</i> , 2018, 90, 7578-7582.	3.2	4
761	Phenotype and genotype predictors of BMI variability among European adults. <i>Nutrition and Diabetes</i> , 2018, 8, 27.	1.5	12
762	N6-Methyladenosine modification: a novel pharmacological target for anti-cancer drug development. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 833-843.	5.7	58
763	FTO mediates cell-autonomous effects on adipogenesis and adipocyte lipid content by regulating gene expression via 6mA DNA modifications. <i>Journal of Lipid Research</i> , 2018, 59, 1446-1460.	2.0	21
764	<i>FTO</i> rs9939609 Does Not Interact with Physical Exercise but Influences Basal Insulin Metabolism in Brazilian Overweight and Obese Adolescents. <i>Journal of Obesity</i> , 2018, 2018, 1-8.	1.1	12
765	Cardiovascular Risk Factors after Childhood Cancer Treatment Are Independent of the FTO Gene Polymorphism?. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-6.	0.6	1
766	A fluorescent methylation-switchable probe for highly sensitive analysis of <i>N</i> ⁶ -methyladenosine demethylase activity in cells. <i>Chemical Science</i> , 2018, 9, 7174-7185.	3.7	28
767	Novel insights on m6A RNA methylation in tumorigenesis: a double-edged sword. <i>Molecular Cancer</i> , 2018, 17, 101.	7.9	163
768	Influence of <i>FTO</i> rs9939609 polymorphism on appetite, ghrelin, leptin, IL6, TNF α levels, and food intake of women with morbid obesity. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 199-207.	1.1	34
769	Lack of associations between the FTO polymorphisms and gestational diabetes: A meta-analysis and trial sequential analysis. <i>Gene</i> , 2018, 677, 169-175.	1.0	10
770	Interorgan Metabolic Crosstalk in Human Insulin Resistance. <i>Physiological Reviews</i> , 2018, 98, 1371-1415.	13.1	138
771	A haplotype of three SNPs in FTO had a strong association with body composition and BMI in Iranian male adolescents. <i>PLoS ONE</i> , 2018, 13, e0195589.	1.1	21
772	GWAS for BMI: a treasure trove of fundamental insights into the genetic basis of obesity. <i>International Journal of Obesity</i> , 2018, 42, 1524-1531.	1.6	84

#	ARTICLE	IF	CITATIONS
773	Impact of DNA and RNA Methylation on Radiobiology and Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 555.	1.8	26
774	Complementary Steric Engineering at the Protein-Ligand Interface for Analogue-Sensitive TET Oxygenases. <i>Journal of the American Chemical Society</i> , 2018, 140, 10263-10269.	6.6	14
775	Appetitive Traits: Genetic Contributions to Pediatric Eating Behaviors. , 2018, , 127-146.		9
776	m ⁶ A and the hypothesis of reversible epitranscriptomic mRNA modifications. <i>FEBS Letters</i> , 2018, 592, 2012-2022.	1.3	88
777	Long-term effects of Garcinia cambogia/Glucomannan on weight loss in people with obesity, PLIN4, FTO and Trp64Arg polymorphisms. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 26.	3.7	31
778	FTO POLYMORPHISM AND PHYSICAL FITNESS IN OBESE SCHOOLCHILDREN AFTER AN INTERVENTION PROGRAM. <i>Revista Brasileira De Medicina Do Esporte</i> , 2018, 24, 13-16.	0.1	3
779	Association between FTO gene polymorphism and excess body weight in women from before to after pregnancy: A cohort study. <i>American Journal of Human Biology</i> , 2018, 30, e23164.	0.8	5
780	O ₂ Activation by Nonheme Fe ^{II} -Ketoglutarate-Dependent Enzyme Variants: Elucidating the Role of the Facial Triad Carboxylate in Fh. <i>Journal of the American Chemical Society</i> , 2018, 140, 11777-11783.	6.6	23
781	Effect of FTO rs9930506 on obesity and interaction of the gene variants with dietary protein and vitamin E on C-reactive protein levels in multi-ethnic Malaysian adults. <i>Journal of Human Nutrition and Dietetics</i> , 2018, 31, 758-772.	1.3	10
782	A complete linkage disequilibrium in a haplotype of three SNPs in Fat Mass and Obesity associated (FTO) gene was strongly associated with anthropometric indices after controlling for calorie intake and physical activity. <i>BMC Medical Genetics</i> , 2018, 19, 146.	2.1	9
783	The m ⁶ A epitranscriptomic signature in neurobiology: from neurodevelopment to brain plasticity. <i>Journal of Neurochemistry</i> , 2018, 147, 137-152.	2.1	120
784	Silencing of the FTO gene inhibits insulin secretion: An in vitro study using GRINCH cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 472, 10-17.	1.6	23
785	RNA methylation in nuclear pre-mRNA processing. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1489.	3.2	37
786	m ⁶ A RNA Methylation Controls Neural Development and Is Involved in Human Diseases. <i>Molecular Neurobiology</i> , 2019, 56, 1596-1606.	1.9	127
787	FTO is a transcriptional repressor to auto-regulate its own gene and potentially associated with homeostasis of body weight. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 118-132.	1.5	18
788	Nutrition and Reproduction. , 2019, , 447-458.e6.		2
789	Epigenome modifiers and metabolic rewiring: New frontiers in therapeutics. , 2019, 193, 178-193.		13
790	Genetic Causes of Craniosynostosis: An Update. <i>Molecular Syndromology</i> , 2019, 10, 6-23.	0.3	50

#	ARTICLE	IF	CITATIONS
791	Methylation of RNA N6-methyladenosine in modulation of cytokine responses and tumorigenesis. <i>Cytokine</i> , 2019, 118, 35-41.	1.4	24
792	The Role of Dynamic m ⁶ A RNA Methylation in Photobiology. <i>Photochemistry and Photobiology</i> , 2019, 95, 95-104.	1.3	31
793	Evaluating the associations between obesity and age-related cataract: a Mendelian randomization study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 969-976.	2.2	6
794	Transient Focal Ischemia Significantly Alters the m ⁶ A Epitranscriptomic Tagging of RNAs in the Brain. <i>Stroke</i> , 2019, 50, 2912-2921.	1.0	114
795	RNAs and RNA-Binding Proteins in Immuno-Metabolic Homeostasis and Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 106.	1.1	20
796	Meclofenamic acid represses spermatogonial proliferation through modulating m6A RNA modification. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 63.	2.1	26
797	Nutrigenomics and RNA methylation: Role of micronutrients. <i>Biochimie</i> , 2019, 164, 53-59.	1.3	13
798	Investigating the association of rs7903146 of TCF7L2 gene, rs5219 of KCNJ11 gene, rs10946398 of CDKAL1 gene, and rs9939609 of FTO gene with type 2 diabetes mellitus in Emirati population. <i>Meta Gene</i> , 2019, 21, 100600.	0.3	8
799	Leukemia Stem Cells in Hematologic Malignancies. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	1
800	Systematic review with meta-analysis: risk factors for thiopurine-induced leukopenia in IBD. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 50, 484-506.	1.9	28
801	Interaction between genes involved in energy intake regulation and diet in obesity. <i>Nutrition</i> , 2019, 67-68, 110547.	1.1	47
802	Sequence-specific m ⁶ A demethylation in RNA by FTO fused to RCas9. <i>Rna</i> , 2019, 25, 1311-1323.	1.6	34
803	<p>Regulation of alternative splicing in obesity-induced hypertension</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 1597-1615.	1.1	9
804	The genetic underpinnings of obesity. <i>Current Opinion in Physiology</i> , 2019, 12, 57-64.	0.9	0
805	Physical activity and the association between the <i>FTO</i> rs9939609 polymorphism and obesity in Portuguese children aged 3 to 11%years. <i>American Journal of Human Biology</i> , 2019, 31, e23312.	0.8	10
806	FTO: An Emerging Molecular Player in Neuropsychiatric Diseases. <i>Neuroscience</i> , 2019, 418, 15-24.	1.1	21
807	The RNA demethylase FTO is required for maintenance of bone mass and functions to protect osteoblasts from genotoxic damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17980-17989.	3.3	65
808	Evidence for Modulation of Oxygen Rebound Rate in Control of Outcome by Iron(II)- and 2-Oxoglutarate-Dependent Oxygenases. <i>Journal of the American Chemical Society</i> , 2019, 141, 15153-15165.	6.6	28

#	ARTICLE	IF	CITATIONS
809	Reading, writing and erasing mRNA methylation. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 608-624.	16.1	1,403
810	Predict Epitranscriptome Targets and Regulatory Functions of N6-Methyladenosine (m6A) Writers and Erasers. <i>Evolutionary Bioinformatics</i> , 2019, 15, 117693431987129.	0.6	19
811	The Many Faces of Obesity and Its Influence on Breast Cancer Risk. <i>Frontiers in Oncology</i> , 2019, 9, 765.	1.3	56
812	Perspectives of personalized weight loss interventions based on exercise genomics, nutrigenetic, epigenetic, and metagenomic data in fitness and sport. , 2019, , 487-508.		1
813	Betaine increases mitochondrial content and improves hepatic lipid metabolism. <i>Food and Function</i> , 2019, 10, 216-223.	2.1	70
814	Association study of variants in genes FTO, SLC6A4, DRD2, BDNF and GHRL with binge eating disorder (BED) in Portuguese women. <i>Psychiatry Research</i> , 2019, 273, 309-311.	1.7	14
815	Obesity genetics and cardiometabolic health: Potential for risk prediction. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1088-1100.	2.2	24
816	Conformational flexibility influences structure–function relationships in nucleic acid <i>N</i> -methyl demethylases. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2223-2231.	1.5	16
817	BMI-associated gene variants in FTO and cardiometabolic and brain disease: obesity or pleiotropy?. <i>Physiological Genomics</i> , 2019, 51, 311-322.	1.0	12
818	<p>The association of the fat mass and obesity-associated gene (FTO) rs9939609 polymorphism and the severe obesity in a Brazilian population</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 667-684.	1.1	26
819	Reduced m6A modification predicts malignant phenotypes and augmented Wnt/PI3K–Akt signaling in gastric cancer. <i>Cancer Medicine</i> , 2019, 8, 4766-4781.	1.3	201
820	Sexual Dimorphism of a Genetic Risk Score for Obesity and Related Traits among Chinese Patients with Type 2 Diabetes. <i>Obesity Facts</i> , 2019, 12, 328-343.	1.6	7
821	The Fat Mass and Obesity-Associated Protein (FTO) Regulates Locomotor Responses to Novelty via D2R Medium Spiny Neurons. <i>Cell Reports</i> , 2019, 27, 3182-3198.e9.	2.9	19
822	mRNA methylation in cell senescence. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1547.	3.2	35
823	Association of Omentin rs2274907 and FTO rs9939609 gene polymorphisms with insulin resistance in Iranian individuals with newly diagnosed type 2 diabetes. <i>Lipids in Health and Disease</i> , 2019, 18, 142.	1.2	30
824	Maternal genetic contribution to pre-pregnancy obesity, gestational weight gain, and gestational diabetes mellitus. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 37.	1.2	12
825	Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2019, 35, 677-691.e10.	7.7	516
826	Identification of entacapone as a chemical inhibitor of FTO mediating metabolic regulation through FOXO1. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	201

#	ARTICLE	IF	CITATIONS
827	The association between the FTO gene variant and alcohol consumption and binge and problem drinking in different gene-environment background: The HAPIEE study. <i>Gene</i> , 2019, 707, 30-35.	1.0	8
828	Oxidative stress: One potential factor for arsenite-induced increase of N6-methyladenosine in human keratinocytes. <i>Environmental Toxicology and Pharmacology</i> , 2019, 69, 95-103.	2.0	51
829	N6-Methyladenosine (m6A): A Promising New Molecular Target in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2019, 9, 251.	1.3	66
830	The Genetic Basis of Metabolic Disease. <i>Cell</i> , 2019, 177, 146-161.	13.5	104
831	FTO haplotyping underlines high obesity risk for European populations. <i>BMC Medical Genomics</i> , 2019, 12, 46.	0.7	16
832	To be or not to be modified: Miscellaneous aspects influencing nucleotide modifications in tRNAs. <i>IUBMB Life</i> , 2019, 71, 1126-1140.	1.5	46
833	Structural insights into FTO's catalytic mechanism for the demethylation of multiple RNA substrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2919-2924.	3.3	163
834	Determination of genomic N3-methylthymidine in human cancer cells treated with nitrosamines using capillary electrophoresis with laser-induced fluorescence. <i>Electrophoresis</i> , 2019, 40, 1535-1539.	1.3	2
835	The second genome: Effects of the mitochondrial genome on cancer progression. <i>Advances in Cancer Research</i> , 2019, 142, 63-105.	1.9	19
836	<i>Fto</i> Deficiency Reduces Anxiety- and Depression-Like Behaviors in Mice via Alterations in Gut Microbiota. <i>Theranostics</i> , 2019, 9, 721-733.	4.6	84
837	FTO controls reversible m6Am RNA methylation during snRNA biogenesis. <i>Nature Chemical Biology</i> , 2019, 15, 340-347.	3.9	192
838	Identification of Flavin Mononucleotide as a Cell-Active Artificial N ⁶ -Methyladenosine RNA Demethylase. <i>Angewandte Chemie</i> , 2019, 131, 5082-5086.	1.6	12
839	Identification of Flavin Mononucleotide as a Cell-Active Artificial N ⁶ -Methyladenosine RNA Demethylase. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5028-5032.	7.2	42
840	Adipose Tissue Complexities in Dyslipidemias. , 2019, , .		0
841	Potential role of hypothalamic microRNAs in regulation of FOS and FTO expression in response to hypoglycemia. <i>Journal of Physiological Sciences</i> , 2019, 69, 981-991.	0.9	12
842	The interactome and proteomic responses of ALKBH7 in cell lines by in-depth proteomics analysis. <i>Proteome Science</i> , 2019, 17, 8.	0.7	7
843	Association between impulsivity traits and body mass index at the observational and genetic epidemiology level. <i>Scientific Reports</i> , 2019, 9, 17583.	1.6	9
844	Type 2 Diabetes-Associated Genetic Polymorphisms as Potential Disease Predictors. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 2689-2706.	1.1	21

#	ARTICLE	IF	CITATIONS
845	Association of FTO common variant (rs9939609) with body fat in Turkish individuals. <i>Lipids in Health and Disease</i> , 2019, 18, 212.	1.2	17
846	The interaction of FTO-rs9939609 polymorphism with artichoke leaf extract effects on cardiometabolic risk factors in hypertriglyceridemia: A randomized clinical trial. <i>Advances in Integrative Medicine</i> , 2019, 6, 104-109.	0.4	7
847	Development of formaldehyde dehydrogenase-coupled assay and antibody-based assays for ALKBH5 activity evaluation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 9-15.	1.4	12
848	The role of RNA adenosine demethylases in the control of gene expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 343-355.	0.9	26
849	Dynamic regulation of epigenetic demethylation by oxygen availability and cellular redox. <i>Free Radical Biology and Medicine</i> , 2019, 131, 282-298.	1.3	36
850	Novel positioning from obesity to cancer: FTO, an m6A RNA demethylase, regulates tumour progression. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 19-29.	1.2	101
851	A dynamic reversible RNA N ⁶ -methyladenosine modification: current status and perspectives. <i>Journal of Cellular Physiology</i> , 2019, 234, 7948-7956.	2.0	101
852	Understanding m6A Function Through Uncovering the Diversity Roles of YTH Domain-Containing Proteins. <i>Molecular Biotechnology</i> , 2019, 61, 355-364.	1.3	31
853	It's complicated! m6A-dependent regulation of gene expression in cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 382-393.	0.9	31
854	FTO rs9939609 A allele influences anthropometric outcome in response to dietary intervention, but not in response to physical exercise program. <i>European Journal of Nutrition</i> , 2019, 58, 325-334.	1.8	9
855	Lack of association between FTO gene variations and metabolic healthy obese (MHO) phenotype: Tehran Cardio-metabolic Genetic Study (TCGS). <i>Eating and Weight Disorders</i> , 2020, 25, 25-35.	1.2	11
856	Fumarate hydratase in cancer: A multifaceted tumour suppressor. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 15-25.	2.3	103
857	Additional functions of selected proteins involved in DNA repair. <i>Free Radical Biology and Medicine</i> , 2020, 146, 1-15.	1.3	11
858	Selective Inhibitors of AlkB Family of Nucleic Acid Demethylases. <i>Biochemistry</i> , 2020, 59, 230-239.	1.2	13
859	CRISPR-based functional evaluation of schizophrenia risk variants. <i>Schizophrenia Research</i> , 2020, 217, 26-36.	1.1	10
860	Association and interaction of the FTO rs1421085 with overweight/obesity in a sample of Pakistani individuals. <i>Eating and Weight Disorders</i> , 2020, 25, 1321-1332.	1.2	8
861	Metabolic Drivers in Hereditary Cancer Syndromes. <i>Annual Review of Cancer Biology</i> , 2020, 4, 77-97.	2.3	32
862	New sights in cancer: Component and function of N6-methyladenosine modification. <i>Biomedicine and Pharmacotherapy</i> , 2020, 122, 109694.	2.5	20

#	ARTICLE	IF	CITATIONS
863	An intronic FTO variant rs16952570 confers protection against thiopurine-induced myelotoxicities in multiethnic Asian IBD patients. <i>Pharmacogenomics Journal</i> , 2020, 20, 505-515.	0.9	10
864	Ischemia-related changes of fat-mass and obesity-associated protein expression in the gerbil hippocampus. <i>Metabolic Brain Disease</i> , 2020, 35, 335-342.	1.4	5
865	N6-Adenosine Methylation of miRNA-200b-3p Influences Its Functionality and Is a Theranostic Tool. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 72-83.	2.3	8
866	FTO accelerates ovarian cancer cell growth by promoting proliferation, inhibiting apoptosis, and activating autophagy. <i>Pathology Research and Practice</i> , 2020, 216, 153042.	1.0	31
867	Hepatic FTO is dispensable for the regulation of metabolism but counteracts HCC development in vivo. <i>Molecular Metabolism</i> , 2020, 42, 101085.	3.0	37
868	New Insights on the Role of N6-Methyladenosine RNA Methylation in the Physiology and Pathology of the Nervous System. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 555372.	1.6	19
869	RIPK1 gene variants associate with obesity in humans and can be therapeutically silenced to reduce obesity in mice. <i>Nature Metabolism</i> , 2020, 2, 1113-1125.	5.1	34
870	Distinct RNA N-demethylation pathways catalyzed by nonheme iron ALKBH5 and FTO enzymes enable regulation of formaldehyde release rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25284-25292.	3.3	42
871	Environment and Gene Association With Obesity and Their Impact on Neurodegenerative and Neurodevelopmental Diseases. <i>Frontiers in Neuroscience</i> , 2020, 14, 863.	1.4	61
872	Structural determinants of nucleobase modification recognition in the AlkB family of dioxygenases. <i>DNA Repair</i> , 2020, 96, 102995.	1.3	9
873	Antioxidants as an Epidermal Stem Cell Activator. <i>Antioxidants</i> , 2020, 9, 958.	2.2	7
874	Genetic Determinants of Childhood Obesity. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 653-663.	1.6	36
875	Novel insights into the roles of RNA N-methyladenosine modification in regulating gene expression during environmental exposures. <i>Chemosphere</i> , 2020, 261, 127757.	4.2	13
876	Epigenetic role of N6-methyladenosine (m6A) RNA methylation in the cardiovascular system. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 509-523.	1.3	24
877	Reversible N6-methyladenosine of RNA: The regulatory mechanisms on gene expression and implications in physiology and pathology. <i>Genes and Diseases</i> , 2020, 7, 585-597.	1.5	23
878	Changes of fat-mass and obesity-associated protein expression in the hippocampus in animal models of high-fat diet-induced obesity and D-galactose-induced aging. <i>Laboratory Animal Research</i> , 2020, 36, 20.	1.1	2
879	The association of dietary and plasma fatty acid composition with FTO gene expression in human visceral and subcutaneous adipose tissues. <i>European Journal of Nutrition</i> , 2021, 60, 2485-2494.	1.8	6
880	Novel insights into the interplay between m6A modification and noncoding RNAs in cancer. <i>Molecular Cancer</i> , 2020, 19, 121.	7.9	148

#	ARTICLE	IF	CITATIONS
881	FTO interacts with FOXO3a to enhance its transcriptional activity and inhibits aggression in gliomas. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 130.	7.1	16
882	Targeting flavonoids on modulation of metabolic syndrome. <i>Journal of Functional Foods</i> , 2020, 73, 104132.	1.6	16
883	Intracellular and tissue specific expression of FTO protein in pig: changes with age, energy intake and metabolic status. <i>Scientific Reports</i> , 2020, 10, 13029.	1.6	7
884	CD44 regulates epigenetic plasticity by mediating iron endocytosis. <i>Nature Chemistry</i> , 2020, 12, 929-938.	6.6	132
885	NADP modulates RNA m6A methylation and adipogenesis via enhancing FTO activity. <i>Nature Chemical Biology</i> , 2020, 16, 1394-1402.	3.9	71
886	Insight into m ⁶ A methylation from occurrence to functions. <i>Open Biology</i> , 2020, 10, 200091.	1.5	24
887	Genetics of Obesity in East Asians. <i>Frontiers in Genetics</i> , 2020, 11, 575049.	1.1	19
888	Global N6-methyladenosine profiling of cobalt-exposed cortex and human neuroblastoma H4 cells presents epitranscriptomics alterations in neurodegenerative disease-associated genes. <i>Environmental Pollution</i> , 2020, 266, 115326.	3.7	24
889	mRNA Processing: An Emerging Frontier in the Regulation of Pancreatic β Cell Function. <i>Frontiers in Genetics</i> , 2020, 11, 983.	1.1	15
890	Nuclear Resonance Vibrational Spectroscopic Definition of the Facial Triad Fe ^{IV} =O Intermediate in Taurine Dioxygenase: Evaluation of Structural Contributions to Hydrogen Atom Abstraction. <i>Journal of the American Chemical Society</i> , 2020, 142, 18886-18896.	6.6	23
891	High intensity exercise downregulates FTO mRNA expression during the early stages of recovery in young males and females. <i>Nutrition and Metabolism</i> , 2020, 17, 68.	1.3	6
892	The FTO Gene and Diseases: The Role of Genetic Polymorphism, Epigenetic Modifications, and Environmental Factors. <i>Russian Journal of Genetics</i> , 2020, 56, 1025-1043.	0.2	5
893	<p>FTO Polymorphisms are Associated with Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD) Susceptibility in the Older Chinese Han Population</p>. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 1333-1341.	1.3	12
894	Functional Characterization of a Putative RNA Demethylase ALKBH6 in Arabidopsis Growth and Abiotic Stress Responses. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6707.	1.8	50
895	The evolving metabolic landscape of chromatin biology and epigenetics. <i>Nature Reviews Genetics</i> , 2020, 21, 737-753.	7.7	255
896	The m ⁶ A RNA demethylase FTO is a HIF-independent synthetic lethal partner with the VHL tumor suppressor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21441-21449.	3.3	56
897	Sex modifies the association between the CLOCK variant rs1801260 and BMI in school-age children. <i>PLoS ONE</i> , 2020, 15, e0236991.	1.1	9
898	FTO “ A Common Genetic Basis for Obesity and Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 559138.	1.1	75

#	ARTICLE	IF	CITATIONS
899	The Distinct Function and Localization of METTL3/METTL14 and METTL16 Enzymes in Cardiomyocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8139.	1.8	15
900	The association between FTO rs9939609 gene polymorphism and anthropometric indices in adults. <i>Journal of Physiological Anthropology</i> , 2020, 39, 14.	1.0	14
901	N ⁶ -Methyladenosine Demethylase FTO Contributes to Neuropathic Pain by Stabilizing G9a Expression in Primary Sensory Neurons. <i>Advanced Science</i> , 2020, 7, 1902402.	5.6	59
902	N6-methyladenosine regulates PEDV replication and host gene expression. <i>Virology</i> , 2020, 548, 59-72.	1.1	21
903	Valproate-Induced Epigenetic Upregulation of Hypothalamic Fto Expression Potentially Linked with Weight Gain. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1257-1269.	1.7	8
904	FTO variants are associated with ANGPTL4 abundances and correlated with body weight reduction after bariatric surgery. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 257-263.	0.8	4
905	Replication of FTO Gene associated with lean mass in a Meta-Analysis of Genome-Wide Association Studies. <i>Scientific Reports</i> , 2020, 10, 5057.	1.6	12
906	Human and Arabidopsis alpha-ketoglutarate-dependent dioxygenase homolog proteins—New players in important regulatory processes. <i>IUBMB Life</i> , 2020, 72, 1126-1144.	1.5	22
907	FTO-Dependent N ⁶ -Methyladenosine Modifications Inhibit Ovarian Cancer Stem Cell Self-Renewal by Blocking cAMP Signaling. <i>Cancer Research</i> , 2020, 80, 3200-3214.	0.4	128
908	The emerging roles of N6-methyladenosine RNA methylation in human cancers. <i>Biomarker Research</i> , 2020, 8, 24.	2.8	31
909	Hypothalamic IRX3: A New Player in the Development of Obesity. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 368-377.	3.1	25
910	Implication of genetic variants in overweight and obesity susceptibility among the young Arab population of the United Arab Emirates. <i>Gene</i> , 2020, 739, 144509.	1.0	14
911	Anthropometric and Metabolic Responses in FTO rs9939609 Gene Polymorphism after a Multidisciplinary Lifestyle Intervention in Overweight and Obese Adolescents. <i>Journal of Pediatric Genetics</i> , 2020, 09, 019-026.	0.3	3
912	FTO Variant rs1421085 Associates With Increased Body Weight, Soft Lean Mass, and Total Body Water Through Interaction With Ghrelin and Apolipoproteins in Arab Population. <i>Frontiers in Genetics</i> , 2019, 10, 1411.	1.1	11
913	DNA damage, repair and the improvement of cancer therapy — A tribute to the life and research of Barbara Tudek. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 852, 503160.	0.9	1
914	Association of FTO rs1421085 with obesity, diet, physical activity, and socioeconomic status: A longitudinal birth cohort study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 948-959.	1.1	11
915	Drug Repurposing Patent Applications July–September 2019. <i>Assay and Drug Development Technologies</i> , 2020, 18, 202-207.	0.6	1
916	The Effect Sizes of PPAR ^γ rs1801282, FTO rs9939609, and MC4R rs2229616 Variants on Type 2 Diabetes Mellitus Risk among the Western Saudi Population: A Cross-Sectional Prospective Study. <i>Genes</i> , 2020, 11, 98.	1.0	17

#	ARTICLE	IF	CITATIONS
917	SFPQ Is an FTO-Binding Protein that Facilitates the Demethylation Substrate Preference. <i>Cell Chemical Biology</i> , 2020, 27, 283-291.e6.	2.5	26
918	The influence of polymorphisms of fat mass and obesity (FTO, rs9939609) and vitamin D receptor (VDR, Tj ETQq1 1 0.784314 rgBT / 0v) overweight/obese Asian Indians in North India. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 604-612.	1.3	8
919	Common genetic variation in obesity, lipid transfer genes and risk of Metabolic Syndrome: Results from IDEFICS/I.Family study and meta-analysis. <i>Scientific Reports</i> , 2020, 10, 7189.	1.6	23
920	Insights into the N ⁶ -methyladenosine mechanism and its functionality: progress and questions. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 639-652.	5.1	15
921	Rs9939609 polymorphism of the fat mass and obesity-associated (FTO) gene and metabolic syndrome susceptibility in the Chinese population: a meta-analysis. <i>Endocrine</i> , 2020, 69, 278-285.	1.1	10
922	Down-regulation of FTO promotes proliferation and migration, and protects bladder cancer cells from cisplatin-induced cytotoxicity. <i>BMC Urology</i> , 2020, 20, 39.	0.6	30
923	Novel insight into the regulatory roles of diverse RNA modifications: Re-defining the bridge between transcription and translation. <i>Molecular Cancer</i> , 2020, 19, 78.	7.9	129
924	Multi-substrate selectivity based on key loops and non-homologous domains: new insight into ALKBH family. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 129-141.	2.4	49
925	Fat mass and obesity-associated (<i>FTO</i>) and leptin receptor (<i>LEPR</i>) gene polymorphisms in Egyptian obese subjects. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 28-36.	1.0	13
926	Fat mass and obesity-associated protein regulates lipogenesis via m ⁶ A modification in fatty acid synthase mRNA. <i>Cell Biology International</i> , 2021, 45, 334-344.	1.4	34
927	Nutritional modulation of leptin expression and leptin action in obesity and obesity-associated complications. <i>Journal of Nutritional Biochemistry</i> , 2021, 89, 108561.	1.9	22
928	The cardiac methylome: A hidden layer of RNA modifications to regulate gene expression. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 152, 40-51.	0.9	3
929	Association analysis of FTO gene polymorphisms rs9939609 and obesity risk among the adults: A systematic review and meta-analysis. <i>Meta Gene</i> , 2021, 27, 100832.	0.3	3
930	The momentous role of N ⁶ -methyladenosine in lung cancer. <i>Journal of Cellular Physiology</i> , 2021, 236, 3244-3256.	2.0	21
931	Association between rs1421085 and rs9939609 Polymorphisms of Fat Mass and Obesity-Associated Gene with High-Density Lipoprotein Cholesterol and Triglyceride in Obese Turkish Children and Adolescents. <i>Journal of Pediatric Genetics</i> , 2021, 10, 009-015.	0.3	5
932	Establishment of a Risk Signature Based on m6A RNA Methylation Regulators That Predicts Poor Prognosis in Renal Cell Carcinoma. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 413-426.	1.0	5
933	Regulatory Role of the RNA N ⁶ -Methyladenosine Modification in Immunoregulatory Cells and Immune-Related Bone Homeostasis Associated With Rheumatoid Arthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 627893.	1.8	16
934	Role of N ⁶ -methyl-adenosine modification in mammalian embryonic development. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200253.	0.6	9

#	ARTICLE	IF	CITATIONS
936	Critical roles of FTO-mediated mRNA m6A demethylation in regulating adipogenesis and lipid metabolism: Implications in lipid metabolic disorders. <i>Genes and Diseases</i> , 2022, 9, 51-61.	1.5	59
937	Targeting the RNA demethylase FTO for cancer therapy. <i>RSC Chemical Biology</i> , 2021, 2, 1352-1369.	2.0	26
938	RNA modifications in cardiovascular disease—An experimental and computational perspective. , 2021, , 113-125.		3
939	N6-Adenosine Methylation (m6A) RNA Modification: an Emerging Role in Cardiovascular Diseases. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 857-872.	1.1	25
941	Emerging Roles of N6-Methyladenosine (m6A) Epitranscriptomics in Toxicology. <i>Toxicological Sciences</i> , 2021, 181, 13-22.	1.4	19
942	Vitamin D—Sources, Physiological Role, Kinetics, Deficiency, Use, Toxicity, and Determination. <i>Nutrients</i> , 2021, 13, 615.	1.7	150
943	Methyladenosine Modification in RNAs: Classification and Roles in Gastrointestinal Cancers. <i>Frontiers in Oncology</i> , 2020, 10, 586789.	1.3	14
944	Fat mass and obesity-associated (FTO) gene epigenetic modifications in gestational diabetes: new insights and possible pathophysiological connections. <i>Acta Diabetologica</i> , 2021, 58, 997-1007.	1.2	13
945	N6-methyladenosine reader YTHDC2 and eraser FTO may determine hepatocellular carcinoma prognoses after transarterial chemoembolization. <i>Archives of Toxicology</i> , 2021, 95, 1621-1629.	1.9	25
946	Does vitamin D affect the association between <i>FTO</i> rs9939609 polymorphism and depression?. <i>Expert Review of Endocrinology and Metabolism</i> , 2021, 16, 87-93.	1.2	2
947	Fe(2)OG: an integrated HMM profile-based web server to predict and analyze putative non-haem iron(II)- and 2-oxoglutarate-dependent dioxygenase function in protein sequences. <i>BMC Research Notes</i> , 2021, 14, 80.	0.6	3
948	Genetics of Cardiovascular Disease: How Far Are We from Personalized CVD Risk Prediction and Management?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4182.	1.8	25
949	ALKBH4 promotes tumorigenesis with a poor prognosis in non-small-cell lung cancer. <i>Scientific Reports</i> , 2021, 11, 8677.	1.6	10
950	Advances in epigenetic therapeutics with focus on solid tumors. <i>Clinical Epigenetics</i> , 2021, 13, 83.	1.8	53
951	Small-Molecule Inhibitors of the RNA M6A Demethylases FTO Potently Support the Survival of Dopamine Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4537.	1.8	20
952	Association of ADIPOQ-rs2241766 and FTO-rs9939609 genetic variants with body mass index trajectory in women of reproductive age over 6 years of follow-up: the PREDI study. <i>European Journal of Clinical Nutrition</i> , 2021, , .	1.3	1
953	Direct coordination of pterin to Fe ^{II} enables neurotransmitter biosynthesis in the pterin-dependent hydroxylases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	8
954	The composite alliance of FTO locus with obesity-related genetic variants. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 954-965.	0.9	13

#	ARTICLE	IF	CITATIONS
955	RNA Epigenetics: Fine-Tuning Chromatin Plasticity and Transcriptional Regulation, and the Implications in Human Diseases. <i>Genes</i> , 2021, 12, 627.	1.0	12
956	Circular RNA hsa_circ_0072309 promotes tumorigenesis and invasion by regulating the miR-607/FTO axis in non-small cell lung carcinoma. <i>Aging</i> , 2021, 13, 11629-11645.	1.4	22
957	Regulatory Mechanisms of the RNA Modification m6A and Significance in Brain Function in Health and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 671932.	1.8	29
958	The Role of RNA Modifications and RNA-modifying Proteins in Cancer Therapy and Drug Resistance. <i>Current Cancer Drug Targets</i> , 2021, 21, 326-352.	0.8	23
960	m6A Modification in Mammalian Nervous System Development, Functions, Disorders, and Injuries. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 679662.	1.8	10
961	Association between the FTO A/T Polymorphism and Elite Athlete Status in Caucasian Swimmers. <i>Genes</i> , 2021, 12, 715.	1.0	6
962	The cellular function and molecular mechanism of formaldehyde in cardiovascular disease and heart development. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5358-5371.	1.6	46
963	m6A regulators are associated with osteosarcoma metastasis and have prognostic significance. <i>Medicine (United States)</i> , 2021, 100, e25952.	0.4	9
964	Comprehensive profiling analysis of the N6-methyladenosine-modified circular RNA transcriptome in cultured cells infected with Marek's disease virus. <i>Scientific Reports</i> , 2021, 11, 11084.	1.6	8
965	The METTL3-m6A Epitranscriptome: Dynamic Regulator of Epithelial Development, Differentiation, and Cancer. <i>Genes</i> , 2021, 12, 1019.	1.0	15
967	Association between the FTO SNP rs9939609 and Metabolic Syndrome in Chilean Children. <i>Nutrients</i> , 2021, 13, 2014.	1.7	7
968	Long Non-Coding RNA Epigenetics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6166.	1.8	23
969	Formaldehyde and De/Methylation in Age-Related Cognitive Impairment. <i>Genes</i> , 2021, 12, 913.	1.0	18
970	The association of Fat Mass and Obesity-Associated (FTO) gene polymorphism (rs9939609) with metabolic disturbances and response to sofosbuvir, ribavirin and interferon triple therapy in patients with viral hepatitis C. <i>Meta Gene</i> , 2021, 28, 100888.	0.3	0
971	Obesity and Depression: Could some shared genes explain the relationship?. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 3409-3415.	0.2	0
972	Role of m6A in osteoporosis, arthritis and osteosarcoma (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 926.	0.8	16
973	Vitamin B ₁₂ Deficiency Dysregulates m6A mRNA Methylation of Genes Involved in Neurological Functions. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100206.	1.5	6
975	The role m6A RNA methylation is CNS development and glioma pathogenesis. <i>Molecular Brain</i> , 2021, 14, 119.	1.3	19

#	ARTICLE	IF	CITATIONS
977	m6A Modification: A Double-Edged Sword in Tumor Development. <i>Frontiers in Oncology</i> , 2021, 11, 679367.	1.3	41
978	The Genetic Changes of Hepatoblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 690641.	1.3	14
979	Association among Body Mass Index, Genetic Variants of FTO, and Thyroid Cancer Risk: A Hospital-Based Case-Control Study of the Cancer Screeenee Cohort in Korea. <i>Cancer Research and Treatment</i> , 2021, 53, 857-873.	1.3	5
980	Ascorbic Acid in Epigenetic Reprogramming. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 13-25.	0.6	9
981	RNA Demethylase FTO Mediated RNA m6A Modification Is Involved in Maintaining Maternal-Fetal Interface in Spontaneous Abortion. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 617172.	1.8	24
982	Epigenetic regulation of energy metabolism in obesity. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 480-499.	1.5	36
983	Metabolic Controls on Epigenetic Reprogramming in Regulatory T Cells. <i>Frontiers in Immunology</i> , 2021, 12, 728783.	2.2	10
984	Breastfeeding moderates the relationship between fat mass and obesity-associated gene rs9939609 and body mass index among adolescents. <i>Obesity Science and Practice</i> , 2022, 8, 66-76.	1.0	0
985	Association of serum 25-OH-vitamin D level with FTO and IRX3 genes expression in obese and overweight boys with different FTO rs9930506 genotypes. <i>Journal of Translational Medicine</i> , 2021, 19, 350.	1.8	1
986	The detection and functions of RNA modification m6A based on m6A writers and erasers. <i>Journal of Biological Chemistry</i> , 2021, 297, 100973.	1.6	43
987	Recent advances of m6A methylation modification in esophageal squamous cell carcinoma. <i>Cancer Cell International</i> , 2021, 21, 421.	1.8	17
988	Association between <i>FTO</i> (rs17817449) genetic variant, gamma-glutamyl transferase, and hypertension in Slovak midlife women. <i>American Journal of Human Biology</i> , 2022, 34, e23672.	0.8	1
989	Melatonin: Regulation of Biomolecular Condensates in Neurodegenerative Disorders. <i>Antioxidants</i> , 2021, 10, 1483.	2.2	22
990	Roles of N6-Methyladenosine Demethylase FTO in Malignant Tumors Progression. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 4837-4846.	1.0	12
992	METTL3-m6A-Rubicon axis inhibits autophagy in nonalcoholic fatty liver disease. <i>Molecular Therapy</i> , 2022, 30, 932-946.	3.7	42
993	The Role of m6A Ribonucleic Acid Modification in the Occurrence of Atherosclerosis. <i>Frontiers in Genetics</i> , 2021, 12, 733871.	1.1	16
994	RNA N6-methyladenosine modification in the lethal teamwork of cancer stem cells and the tumor immune microenvironment: Current landscape and therapeutic potential. <i>Clinical and Translational Medicine</i> , 2021, 11, e525.	1.7	18
995	Search for Possible Associations of FTO Gene Polymorphic Variants with Metabolic Syndrome, Obesity and Body Mass Index in Schizophrenia Patients. <i>Pharmacogenomics and Personalized Medicine</i> , 2021, Volume 14, 1123-1131.	0.4	7

#	ARTICLE	IF	CITATIONS
996	FTO Suppresses STAT3 Activation and Modulates Proinflammatory Interferon-Stimulated Gene Expression. <i>Journal of Molecular Biology</i> , 2022, 434, 167247.	2.0	11
997	Aberrant activation of m6A demethylase FTO renders HIF2 ^{low} clear cell renal cell carcinoma sensitive to BRD9 inhibitors. <i>Science Translational Medicine</i> , 2021, 13, eabf6045.	5.8	28
998	Structural characteristics of small-molecule inhibitors targeting FTO demethylase. <i>Future Medicinal Chemistry</i> , 2021, 13, 1475-1489.	1.1	5
999	Genetic factors of idiopathic central precocious puberty and their polygenic risk in early puberty. <i>European Journal of Endocrinology</i> , 2021, 185, 441-451.	1.9	6
1000	Obesity and Appetite: Evidence for a Neurobehavioral Model of Obesity Risk and Maintenance. , 2022, , 347-359.		2
1001	Relationship between the FTO Genotype and Early Chronic Kidney Disease in Type 2 Diabetes: The Mediating Role of Central Obesity, Hypertension, and High Albuminuria. <i>Lifestyle Genomics</i> , 2021, 14, 73-80.	0.6	4
1002	Structural Insights Into m6A-Erasers: A Step Toward Understanding Molecule Specificity and Potential Antiviral Targeting. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 587108.	1.8	9
1004	Diet-Dependent Metabolic Regulation of DNA Double-Strand Break Repair in Cancer: More Choices on the Menu. <i>Cancer Prevention Research</i> , 2021, 14, 403-414.	0.7	2
1006	The obesity associated FTO gene variant and the risk of adverse pregnancy outcomes: Evidence from the SCOPE study. <i>Obesity</i> , 2016, 24, 2600-2607.	1.5	16
1007	The Epigenomic Landscape of Reprogramming in Mammals. , 2009, , 259-282.		3
1008	Obesity Before Birth. <i>Growth Hormone</i> , 2011, , .	0.2	6
1009	The Genetic Determinants of Common Obesity-Susceptibility. , 2012, , 317-378.		7
1010	The Genetic Epidemiology of Obesity: A Case Study. <i>Methods in Molecular Biology</i> , 2011, 713, 227-237.	0.4	3
1011	Gene-Environment Interaction and Individual Susceptibility to Metabolic Disorders. , 2020, , 81-94.		1
1012	RNA N 6-Methyladenosine Modification in Normal and Malignant Hematopoiesis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1143, 75-93.	0.8	35
1013	Correlation of Resistin Serum Level with Fat Mass and Obesity-Associated Gene (FTO) rs9939609 Polymorphism in Obese Women with Type 2 Diabetes. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2017, 11, S715-S720.	1.8	9
1014	Introduction to Structural Studies on 2-Oxoglutarate-Dependent Oxygenases and Related Enzymes. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2015, , 59-94.	0.8	30
1015	Mechanisms of 2-Oxoglutarate-Dependent Oxygenases: The Hydroxylation Paradigm and Beyond. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2015, , 95-122.	0.8	69

#	ARTICLE	IF	CITATIONS
1016	AlkB and Its Homologues “ DNA Repair and Beyond. 2-Oxoglutarate-Dependent Oxygenases, 2015, , 246-262.	0.8	4
1017	RNA Demethylation by FTO and ALKBH5. 2-Oxoglutarate-Dependent Oxygenases, 2015, , 263-274.	0.8	2
1021	Structure and function of dioxygenases in histone demethylation and DNA/RNA demethylation. IUCr], 2014, 1, 540-549.	1.0	26
1022	Oxygen-sensing mechanisms in cells. FEBS Journal, 2020, 287, 3888-3906.	2.2	50
1023	Hypomorphism of Fto and Rpgrip1l causes obesity in mice. Journal of Clinical Investigation, 2016, 126, 1897-1910.	3.9	80
1024	Pathophysiology of Obesity. , 2012, , 21-32.		1
1025	Gene Polymorphism Association with Type 2 Diabetes and Related Gene-Gene and Gene-Environment Interactions in a Uyghur Population. Medical Science Monitor, 2016, 22, 474-87.	0.5	17
1026	FTO Gene Associated Fatness in Relation to Body Fat Distribution and Metabolic Traits throughout a Broad Range of Fatness. PLoS ONE, 2008, 3, e2958.	1.1	63
1027	Fatness-Associated FTO Gene Variant Increases Mortality Independent of Fatness “ in Cohorts of Danish Men. PLoS ONE, 2009, 4, e4428.	1.1	47
1028	Type 2 Diabetes Susceptibility Gene Expression in Normal or Diabetic Sorted Human Alpha and Beta Cells: Correlations with Age or BMI of Islet Donors. PLoS ONE, 2010, 5, e11053.	1.1	47
1029	Associations between an Obesity Related Genetic Variant (FTO rs9939609) and Prostate Cancer Risk. PLoS ONE, 2010, 5, e13485.	1.1	61
1030	Mice Lacking Alkbh1 Display Sex-Ratio Distortion and Unilateral Eye Defects. PLoS ONE, 2010, 5, e13827.	1.1	57
1031	The Obesity-Associated Polymorphisms FTO rs9939609 and MC4R rs17782313 and Endometrial Cancer Risk in Non-Hispanic White Women. PLoS ONE, 2011, 6, e16756.	1.1	58
1032	Impact of Metabolic Regulators on the Expression of the Obesity Associated Genes FTO and NAMPT in Human Preadipocytes and Adipocytes. PLoS ONE, 2011, 6, e19526.	1.1	21
1033	Early Hypothalamic FTO Overexpression in Response to Maternal Obesity “ Potential Contribution to Postweaning Hyperphagia. PLoS ONE, 2011, 6, e25261.	1.1	23
1034	FTO Is Expressed in Neurons throughout the Brain and Its Expression Is Unaltered by Fasting. PLoS ONE, 2011, 6, e27968.	1.1	74
1035	Fat Mass and Obesity Associated Gene (FTO) Expression Is Regulated Negatively by the Transcription Factor Foxa2. PLoS ONE, 2012, 7, e51082.	1.1	13
1036	Impact of Variation at the FTO Locus on Milk Fat Yield in Holstein Dairy Cattle. PLoS ONE, 2013, 8, e63406.	1.1	23

#	ARTICLE	IF	CITATIONS
1037	Identification of Fat Mass and Obesity Associated (FTO) Protein Expression in Cardiomyocytes: Regulation by Leptin and Its Contribution to Leptin-Induced Hypertrophy. <i>PLoS ONE</i> , 2013, 8, e74235.	1.1	37
1038	<i>Pseudomonas putida</i> AlkA and AlkB Proteins Comprise Different Defense Systems for the Repair of Alkylation Damage to DNA – In Vivo, In Vitro, and In Silico Studies. <i>PLoS ONE</i> , 2013, 8, e76198.	1.1	12
1039	Signs of Cardiac Autonomic Imbalance and Proarrhythmic Remodeling in FTO Deficient Mice. <i>PLoS ONE</i> , 2014, 9, e95499.	1.1	41
1040	Pharmacological Inhibition of FTO. <i>PLoS ONE</i> , 2015, 10, e0121829.	1.1	33
1041	FTO Inhibits Insulin Secretion and Promotes NF- κ B Activation through Positively Regulating ROS Production in Pancreatic β cells. <i>PLoS ONE</i> , 2015, 10, e0127705.	1.1	18
1042	FTO Is Associated with Aortic Valve Stenosis in a Gender Specific Manner of Heterozygote Advantage: A Population-Based Case-Control Study. <i>PLoS ONE</i> , 2015, 10, e0139419.	1.1	5
1043	Analysis of Genes Involved in Body Weight Regulation by Targeted Re-Sequencing. <i>PLoS ONE</i> , 2016, 11, e0147904.	1.1	13
1044	Important Role of FTO in the Survival of Rare Panresistant Triple-Negative Inflammatory Breast Cancer Cells Facing a Severe Metabolic Challenge. <i>PLoS ONE</i> , 2016, 11, e0159072.	1.1	94
1045	Genetic Correlation between Body Fat Percentage and Cardiorespiratory Fitness Suggests Common Genetic Etiology. <i>PLoS ONE</i> , 2016, 11, e0166738.	1.1	18
1046	Nucleocytoplasmic Shuttling of FTO Does Not Affect Starvation-Induced Autophagy. <i>PLoS ONE</i> , 2017, 12, e0168182.	1.1	31
1047	Fat mass and obesity-associated gene (FTO) is associated to eating disorders susceptibility and moderates the expression of psychopathological traits. <i>PLoS ONE</i> , 2017, 12, e0173560.	1.1	45
1048	Genetic association of FTO/IRX region with obesity and overweight in the Polish population. <i>PLoS ONE</i> , 2017, 12, e0180295.	1.1	19
1049	Relationship of FTO gene variations with NAFLD risk in Chinese men. <i>Open Life Sciences</i> , 2020, 15, 860-867.	0.6	4
1050	Genetic variants in the fat mass and obesity-associated (FTO) gene confer risk for extreme obesity and modulate adiposity in a Brazilian population. <i>Genetics and Molecular Biology</i> , 2020, 43, e20180264.	0.6	9
1051	The Frequencies of Haplotypes of FTO Gene Variants and Their Association with the Distribution of Body Fat in Non-Obese Poles. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 33-42.	0.6	9
1052	The role of established East Asian obesity-related loci on pediatric leptin levels highlights a neuronal influence on body weight regulation in Chinese children and adolescents: the BCAMS study. <i>Oncotarget</i> , 2017, 8, 93593-93607.	0.8	11
1053	Integrated analysis of mRNA and miRNA expression profiles in livers of Yimeng black pigs with extreme phenotypes for backfat thickness. <i>Oncotarget</i> , 2017, 8, 114787-114800.	0.8	9
1054	Involvement of leptin receptor long isoform (LepRb)-STAT3 signaling pathway in brain fat mass- and obesity-associated (FTO) downregulation during energy restriction. <i>Molecular Medicine</i> , 2011, 17, 523-32.	1.9	52

#	ARTICLE	IF	CITATIONS
1055	Gene-Diet Interactions in Childhood Obesity. <i>Current Genomics</i> , 2011, 12, 180-189.	0.7	23
1056	Emerging epigenetic therapeutics for myeloid leukemia: modulating demethylase activity with ascorbate. <i>Haematologica</i> , 2021, 106, 14-25.	1.7	16
1057	FTO Variant, Energy Intake, Physical Activity and Basal Metabolic Rate in Caucasians. The HAPIEE Study. <i>Physiological Research</i> , 2011, 60, 175-183.	0.4	45
1058	Fat Mass and Obesity Associated Gene Variants Are Associated With Increased Growth Hormone Levels and Affect Glucose and Lipid Metabolism in Lean Women. <i>Physiological Research</i> , 2015, 64, S177-S185.	0.4	3
1059	Strong Gender-Specific Additive Effects of the NYD-SP18 and FTO Variants on BMI Values. <i>Physiological Research</i> , 2015, 64, S419-S426.	0.4	7
1060	Excess Endogenous Formaldehyde Induces Memory Decline*. <i>Progress in Biochemistry and Biophysics</i> , 2011, 38, 575-579.	0.3	9
1061	Role of m6A RNA methylation in cardiovascular disease (Review). <i>International Journal of Molecular Medicine</i> , 2020, 46, 1958-1972.	1.8	154
1062	Is fat mass & obesity-associated (FTO) gene master regulator of obesity ?. <i>Indian Journal of Medical Research</i> , 2016, 143, 264.	0.4	7
1063	Association between rs9930506 polymorphism of the fat mass & obesity-associated (FTO) gene & onset of obesity in Polish adults. <i>Indian Journal of Medical Research</i> , 2016, 143, 281.	0.4	10
1064	The effects of fat mass and obesity-associated gene variants on the body mass index among ethnic groups and in children and adults. <i>Indian Journal of Endocrinology and Metabolism</i> , 2012, 16, 588.	0.2	6
1065	Specific TaqMan allelic discrimination assay for rs1477196 and rs9939609 single nucleotide polymorphisms of FTO gene demonstrated that there is no association between these SNPs and risk of breast cancer in Iranian women. <i>Advanced Biomedical Research</i> , 2015, 4, 136.	0.2	19
1066	FTO Knockdown Decreases Phosphorylation of Tau in Neuronal Cells; A Potential Model Implicating the Association of FTO with Alzheimer's Disease. , 2013, 03, .		2
1067	Evaluation of FTO rs9939609 and MC4R rs17782313 Polymorphisms as Prognostic Biomarkers of Obesity: A Populationbased Cross-sectional Study. <i>Oman Medical Journal</i> , 2019, 34, 56-62.	0.3	17
1068	Rola genu podatności na otyłość (FTO) w rozwoju otyłości – przegląd. <i>Endokrynologia Polska</i> , 2014, 65, 224-231.	0.3	12
1069	Some aspects of RNA repair and editing. <i>Biopolymers and Cell</i> , 2010, 26, 461-471.	0.1	1
1070	The Roles of Genetic and Early-Life Environmental Factors in the Association Between Overweight or Obesity and Hypertension: A Population-Based Twin Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 743962.	1.5	6
1071	Metabolic turnover and dynamics of modified ribonucleosides by 13C labeling. <i>Journal of Biological Chemistry</i> , 2021, 297, 101294.	1.6	3
1072	The interaction between genetic polymorphisms in FTO, MC4R and MTHFR genes and adherence to the Mediterranean Diet in relation to obesity. <i>Gene</i> , 2022, 809, 146037.	1.0	4

#	ARTICLE	IF	CITATIONS
1074	Novel Noninvasive Approaches to the Treatment of Obesity: From Pharmacotherapy to Gene Therapy. <i>Endocrine Reviews</i> , 2022, 43, 507-557.	8.9	39
1076	Obesity makes for a big headline. <i>Journal of Clinical Investigation</i> , 2008, 118, 3244-3244.	3.9	1
1077	Genetics of Type 2 Diabetes: From Candidate Genes to Genome-Wide Association Analysis. , 2010, , 147-163.		0
1078	Genetics of Obesity and Diabetes. , 2010, , 499-521.		1
1079	Polygenic Obesity. , 2010, , 65-73.		1
1080	Genome-Wide Association Studies and Human Population Obesity. <i>Growth Hormone</i> , 2011, , 95-112.	0.2	1
1081	Eating Behavior and Weight in Children. , 2011, , 455-482.		1
1082	Role of Epigenetic Machinery and MicRNAs in Diet-Induced Hepatocarcinogenesis. , 2010, , 158-201.		0
1084	Genotype-based personalised nutrition for obesity prevention and treatment: are we there yet?. <i>South African Journal of Clinical Nutrition</i> , 2012, 25, 9-14.	0.3	1
1085	Genetics of Childhood Obesity. , 2014, , 71-91.		1
1086	Genetic Variation and Obesity Prior to the Era of Genome-Wide Association Studies. , 2014, , 1-21.		0
1087	Functional Follow-up of Genetic Variants Using FTO as the Prime Example. , 2014, , 113-125.		0
1088	Genetic Pleiotropies of Obesity. , 2014, , 93-111.		0
1090	Neuronal Substrate of Eating Disorders. <i>Brain Disorders & Therapy</i> , 2014, 03, .	0.1	0
1091	The Neurogenetics of Energy Balance. , 2012, , 75-87.		0
1092	Environmental Epigenetics and Obesity: Evidences from Animal to Epidemiologic Studies. <i>Molecular and Integrative Toxicology</i> , 2015, , 105-129.	0.5	1
1093	Role of ALKBH8 in the Synthesis of Wobble Uridine Modifications in tRNA. 2-Oxoglutarate-Dependent Oxygenases, 2015, , 275-288.	0.8	1
1094	Polymorphism rs9930506 of FTO gene but fat content in the body of patients who were admitted to the outpatient clinic. <i>Annales Academiae Medicae Silesiensis</i> , 2015, 69, 60-66.	0.1	0

#	ARTICLE	IF	CITATIONS
1095	Nucleic Acid Reaction Chemistry to Clarify the Fluctuating Quality and Quantity of Nucleic Acids. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2016, 74, 474-481.	0.0	0
1096	Genetics of Childhood Obesity. , 2016, , 137-150.		0
1097	Formaldehyde Playing a Role in (De)methylation for Memory. , 2017, , 47-61.		0
1098	Formaldehyde Affecting Lifespan and Stress Resistance in Drosophila. , 2017, , 209-219.		0
1099	DNA direct repair pathways in cancer. AIMS Medical Science, 2018, 5, 284-302.	0.2	0
1100	Functions and Dynamics of Methylation in Eukaryotic mRNA. RNA Technologies, 2019, , 333-351.	0.2	0
1101	The Role of mRNA m6A in Regulation of Gene Expression. RNA Technologies, 2019, , 353-376.	0.2	0
1102	m6A mRNA Methylation in the Mammalian Brain: Distribution, Function and Implications for Brain Functions. RNA Technologies, 2019, , 377-398.	0.2	0
1103	Complejidad de la expresi3n de genes asociados a obesidad en el tejido adiposo humano. Revista Med, 2019, 26, 14-25.	0.1	1
1105	Intronic Polymorphisms of the Fat Mass and Obesity-Associated (FTO) Gene in Association with Morbid Obesity in Southern Iran. Shiraz E Medical Journal, 2020, 21, .	0.1	2
1106	Fat Mass and Obesity Associated (FTO) Protein Ekspresyonunun Neden Oldu4yu SH-SY5Y H4crelerinin Proteomunda Meydana Gelen De4yi4yiklikler, FTO Proteininin 4tok Y4rnl4 4-zellikleri Ortaya 44kar4r. Kocaeli 4cniversitesi Sa4yl4k Bilimleri Dergisi, 2020, 6, 101-112.		2
1107	Piloting the objective measurement of eating behaviour at a population scale: a nested study within the Avon Longitudinal Study of Parents and Children. Wellcome Open Research, 2020, 5, 185.	0.9	1
1108	The temporal relationship between parental concern of overeating and childhood obesity considering genetic susceptibility: longitudinal results from the IDEFICS/I.Family study. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 139.	2.0	3
1109	Identification of Potent and Selective Inhibitors of Fat Mass Obesity-Associated Protein Using a Fragment-Merging Approach. Journal of Medicinal Chemistry, 2021, 64, 15810-15824.	2.9	19
1110	Polikistik Over Sendromu ve Obezite: FTO ve MC4R Gen Polimorfizmlerinin Rol4. Adnan Menderes 4cniversitesi Sa4yl4k Bilimleri Fak4ltesi Dergisi, 2020, 4, 275-295.	0.4	0
1111	Developmental origins of genotype-phenotype correlations in chronic diseases of old age. , 2012, 3, 385-403.		1
1112	Bioinformatic analysis of functional proteins involved in obesity associated with diabetes. International Journal of Biomedical Science, 2008, 4, 70-3.	0.5	1
1113	Association of gene polymorphism of the fat mass and obesity associated gene with metabolic syndrome: a retrospective cohort study in Japanese workers. Yonago Acta Medica, 2012, 55, 29-40.	0.3	6

#	ARTICLE	IF	CITATIONS
1115	The study of the rs9939609 FTO gene polymorphism in association with obesity and the management of obesity in a Romanian cohort. <i>Journal of Medicine and Life</i> , 2015, 8, 232-8.	0.4	6
1116	Gene-by-Environment Interactions in Pancreatic Cancer: Implications for Prevention. <i>Yale Journal of Biology and Medicine</i> , 2015, 88, 115-26.	0.2	10
1117	Correlation between polymorphism of FTO gene and type 2 diabetes mellitus in Uygur people from northwest China. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 9744-50.	1.3	11
1118	Overexpression of the fat mass and obesity associated gene (FTO) in breast cancer and its clinical implications. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 13405-10.	0.5	48
1119	Review of studies on the fat mass and obesity-associated (FTO) gene interactions with environmental factors affecting on obesity and its impact on lifestyle interventions. <i>ARYA Atherosclerosis</i> , 2016, 12, 281-290.	0.4	17
1120	Association of Obesity-Related Genetic Variants (FTO and MC4R) with Breast Cancer Risk: A Population-Based Case-Control Study in Iran. <i>Iranian Journal of Biotechnology</i> , 2019, 17, e2460.	0.3	3
1121	RNA m6A methylation regulators in ovarian cancer. <i>Cancer Cell International</i> , 2021, 21, 609.	1.8	27
1122	The association between FTO rs9939609 polymorphism and serum lipid profile in adult women. <i>Diabetology and Metabolic Syndrome</i> , 2021, 13, 138.	1.2	8
1123	The genetic susceptibility profile of type 2 diabetes and reflection of its possible role related to reproductive dysfunctions in the southern Indian population of Hyderabad. <i>BMC Medical Genomics</i> , 2021, 14, 272.	0.7	3
1124	Fat mass and obesity-associated protein regulates RNA methylation associated with depression-like behavior in mice. <i>Nature Communications</i> , 2021, 12, 6937.	5.8	45
1125	Inhibition of AlkB Nucleic Acid Demethylases: Promising New Epigenetic Targets. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16974-17003.	2.9	11
1126	Involvement of an FTO gene polymorphism in the temporomandibular joint osteoarthritis. <i>Clinical Oral Investigations</i> , 2022, 26, 2965-2973.	1.4	8
1127	Structure-Based Design of Selective Fat Mass and Obesity Associated Protein (FTO) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16609-16625.	2.9	9
1128	The m6A mRNA demethylase FTO regulates GnRH secretion in Mn-induced precocious puberty. <i>Molecular and Cellular Endocrinology</i> , 2022, 542, 111523.	1.6	5
1129	Association of fat mass and obesity-associated (FTO) gene rs9939609 with obesity-related traits and glucose intolerance in an indigenous population, the Xavante. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2022, 16, 102358.	1.8	2
1131	The expression of m6A enzymes in the hippocampus of diabetic cognitive impairment mice and the possible improvement of YTHDF1. <i>Brain Research</i> , 2022, 1777, 147766.	1.1	8
1132	Detailed resume of RNA m6A demethylases. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2193-2205.	5.7	26
1133	The FTO rs9939609 Variant Is Associated with Cardiometabolic Disease Risk and Dietary Energy Intakes in Children with Mental Health Disorders. <i>Current Developments in Nutrition</i> , 2022, 6, nzac014.	0.1	1

#	ARTICLE	IF	CITATIONS
1134	The Interaction Between N6-Methyladenosine Modification and Non-Coding RNAs in Gastrointestinal Tract Cancers. <i>Frontiers in Oncology</i> , 2021, 11, 784127.	1.3	7
1136	RNA demethylase ALKBH5 in cancer: from mechanisms to therapeutic potential. <i>Journal of Hematology and Oncology</i> , 2022, 15, 8.	6.9	62
1137	Metabolic Syndrome: Updates on Pathophysiology and Management in 2021. <i>International Journal of Molecular Sciences</i> , 2022, 23, 786.	1.8	379
1138	Emerging Roles of m6A RNA Methylation Regulators in Gynecological Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 827956.	1.3	16
1139	The N6-Methyladenosine Modification and Its Role in mRNA Metabolism and Gastrointestinal Tract Disease. <i>Frontiers in Surgery</i> , 2022, 9, 819335.	0.6	4
1140	Integrative Identification of Genetic Loci Jointly Influencing Diabetes-Related Traits and Sleep Traits of Insomnia, Sleep Duration, and Chronotypes. <i>Biomedicines</i> , 2022, 10, 368.	1.4	3
1141	Structural insights into the interactions and epigenetic functions of human nucleic acid repair protein ALKBH6. <i>Journal of Biological Chemistry</i> , 2022, 298, 101671.	1.6	10
1142	Genotoxic aldehydes in the hematopoietic system. <i>Blood</i> , 2022, 139, 2119-2129.	0.6	18
1143	Adenosine-to-Inosine RNA Editing and <i>N⁶</i> -Methyladenosine Modification Modulating Expression of Drug Metabolizing Enzymes. <i>Drug Metabolism and Disposition</i> , 2022, 50, 624-633.	1.7	5
1144	m6A Regulators in Human Adipose Tissue - Depot-Specificity and Correlation With Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 778875.	1.5	7
1145	Profiling Demethylase Activity Using Epigenetically Inactivated Dnazyme. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1146	m6A modification: recent advances, anticancer targeted drug discovery and beyond. <i>Molecular Cancer</i> , 2022, 21, 52.	7.9	138
1147	FTO m6A Demethylase in Obesity and Cancer: Implications and Underlying Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3800.	1.8	54
1148	RNA N6-Methyladenosine Modifications and Its Roles in Alzheimer's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 820378.	1.8	8
1149	FTO in cancer: functions, molecular mechanisms, and therapeutic implications. <i>Trends in Cancer</i> , 2022, 8, 598-614.	3.8	61
1150	The regulatory role of <i>N⁶</i> -methyladenosine modification in the interaction between host and microbes. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1725.	3.2	8
1151	Oncogenic and Tumor-Suppressive Functions of the RNA Demethylase FTO. <i>Cancer Research</i> , 2022, 82, 2201-2212.	0.4	16
1152	Analyzing human knockouts to validate GPR151 as a therapeutic target for reduction of body mass index. <i>PLoS Genetics</i> , 2022, 18, e1010093.	1.5	1

#	ARTICLE	IF	CITATIONS
1153	The importance of considering regulatory domains in genome-wide analyses – the nearest gene is often wrong!. <i>Biology Open</i> , 2022, 11, .	0.6	7
1154	Discovery of two novel ALKBH5 selective inhibitors that exhibit uncompetitive or competitive type and suppress the growth activity of glioblastoma multiforme. <i>Chemical Biology and Drug Design</i> , 2022, 100, 1-12.	1.5	19
1155	Enzymatic characterization of mRNA cap adenosine-N6 methyltransferase PCIF1 activity on uncapped RNAs. <i>Journal of Biological Chemistry</i> , 2022, 298, 101751.	1.6	8
1156	Profiling demethylase activity using epigenetically inactivated DNazyme. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114186.	5.3	8
1157	Polycystic ovary syndrome is linked with the fat mass obesity (FTO) gene variants rs17817449 and rs1421085 in western Saudi Arabia. <i>Bioinformatics</i> , 2021, 17, 904-910.	0.2	2
1158	Emerging role of m6A methylation modification in ovarian cancer. <i>Cancer Cell International</i> , 2021, 21, 663.	1.8	9
1159	ALKBH8B, a Putative RNA Demethylase, Plays a Role in the Response of Arabidopsis to Salt Stress and Abscisic Acid. <i>Journal of Plant Biology</i> , 2022, 65, 319-330.	0.9	14
1163	Variant in CAPN10 gene and environmental factors show evidence of association with excess weight among young people in a Colombian population. <i>Biomedica</i> , 2014, 34, 546-55.	0.3	5
1165	Challenges in obesity research. <i>Nutricion Hospitalaria</i> , 2013, 28 Suppl 5, 144-53.	0.2	13
1166	Case Report: Biallelic Variant in the tRNA Methyltransferase Domain of the AlkB Homolog 8 Causes Syndromic Intellectual Disability. <i>Frontiers in Genetics</i> , 2022, 13, 878274.	1.1	10
1167	Are Vanadium Intermediates Suitable Mimics in Non-Heme Iron Enzymes? An Electronic Structure Analysis. <i>ACS Catalysis</i> , 2022, 12, 5489-5501.	5.5	5
1168	FTO mediates LINE1 m ⁶ A demethylation and chromatin regulation in mESCs and mouse development. <i>Science</i> , 2022, 376, 968-973.	6.0	97
1169	Studies on the fat mass and obesity-associated (FTO) gene and its impact on obesity-associated diseases. <i>Genes and Diseases</i> , 2023, 10, 2351-2365.	1.5	2
1170	m6A demethylase FTO promotes tumor progression via regulation of lipid metabolism in esophageal cancer. <i>Cell and Bioscience</i> , 2022, 12, 60.	2.1	21
1171	ALKBH5 regulates somatic cell reprogramming in a phase-specific manner. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	3
1172	Identification of epitranscriptomic methylation marker genes in Arabidopsis and their expression profiling in response to developmental, anatomical, and environmental modulations. <i>Current Plant Biology</i> , 2022, , 100247.	2.3	3
1173	Enzymatic Characterization of In Vitro Activity of RNA Methyltransferase PCIF1 on DNA. <i>Biochemistry</i> , 2022, 61, 1005-1013.	1.2	6
1174	The Progression of N6-methyladenosine Study and Its Role in Neuropsychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5922.	1.8	6

#	ARTICLE	IF	CITATIONS
1176	Recent Advances of m6A Demethylases Inhibitors and Their Biological Functions in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5815.	1.8	25
1179	Clinical significance of ALKBH4 expression in non-small cell lung cancer. <i>Translational Cancer Research</i> , 2022, 11, 2040-2049.	0.4	2
1180	Mechanisms and Strategies for Determining m ⁶ A RNA Modification Sites by Natural and Engineered m ⁶ A Effector Proteins. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	3
1181	m6A Methylation in Cardiovascular Diseases: From Mechanisms to Therapeutic Potential. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	11
1182	Methyladenosine Modification in RNAs: From Regulatory Roles to Therapeutic Implications in Cancer. <i>Cancers</i> , 2022, 14, 3195.	1.7	8
1183	Role of N6-Methyladenosine Methylation Regulators in the Drug Therapy of Digestive System Tumours. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
1184	Regulatory Role of N6-Methyladenosine (m6A) Modification in Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	14
1185	The role of N6-methyladenosine-modified non-coding RNAs in the pathological process of human cancer. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	9
1186	Structure-Activity Relationships and Antileukemia Effects of the Tricyclic Benzoic Acid FTO Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 10638-10654.	2.9	12
1187	Emerging roles of the RNA modifications N6-methyladenosine and adenosine-to-inosine in cardiovascular diseases. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 426-461.	2.3	11
1188	Melatonin: Regulation of Viral Phase Separation and Epitranscriptomics in Post-Acute Sequelae of COVID-19. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8122.	1.8	7
1189	The Anti-Leukemia Effect of Ascorbic Acid: From the Pro-Oxidant Potential to the Epigenetic Role in Acute Myeloid Leukemia. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
1190	The role of N6-methyladenosine methylation in environmental exposure-induced health damage. <i>Environmental Science and Pollution Research</i> , 2022, 29, 69153-69175.	2.7	5
1191	Inhibition of Hypothalamic FTO Activates STAT3 Signal through ERK1/2 Associated with Reductions in Food Intake and Body Weight. <i>Neuroendocrinology</i> , 2023, 113, 80-91.	1.2	4
1192	The m6A demethylase FTO promotes renal epithelial-mesenchymal transition by reducing the m6A modification of lncRNA GAS5. <i>Cytokine</i> , 2022, 159, 156000.	1.4	11
1193	The role and regulatory mechanism of m6A methylation in the nervous system. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
1194	The role of RNA modification in hepatocellular carcinoma. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6
1195	Impact of N6-methyladenosine (m6A) modification on immunity. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	11

#	ARTICLE	IF	CITATIONS
1196	Long-term exercise training down-regulates m6A RNA demethylase FTO expression in the hippocampus and hypothalamus: an effective intervention for epigenetic modification. BMC Neuroscience, 2022, 23, .	0.8	0
1197	Targeting RNA N6-methyladenosine modification: a precise weapon in overcoming tumor immune escape. Molecular Cancer, 2022, 21, .	7.9	15
1198	HITS-CLIP analysis of human ALKBH8 reveals interactions with fully processed substrate tRNAs and with specific noncoding RNAs. Rna, 0, , rna.079421.122.	1.6	1
1199	RNA m6A modifications in mammalian gametogenesis and pregnancy. Reproduction, 2023, 165, R1-R8.	1.1	5
1200	GhALKBH10 negatively regulates salt tolerance in cotton. Plant Physiology and Biochemistry, 2022, 192, 87-100.	2.8	6
1202	Amplification, Enrichment, and Sequencing of Mutagenic Methylated DNA Adduct through Specifically Pairing with Unnatural Nucleobases. Journal of the American Chemical Society, 2022, 144, 20165-20170.	6.6	3
1203	FTO and Anthropometrics: The Role of Modifiable Factors. Journal of Functional Morphology and Kinesiology, 2022, 7, 90.	1.1	1
1204	⁶A demethylase Fto regulates the TNF-induced inflammatory response in cementoblasts. Oral Diseases, 2023, 29, 2806-2815.	1.5	1
1205	Gene-diet interaction in response to defatted flaxseed flour supplementation on obesity-related traits in Chinese over-weight/obese subjects: a randomized controlled trial. Nutrition, 2022, , 111870.	1.1	0
1206	FTO Common Obesity SNPs Interact with Actionable Environmental Factors: Physical Activity, Sugar-Sweetened Beverages and Wine Consumption. Nutrients, 2022, 14, 4202.	1.7	3
1207	Cerebroprotective Role of N ⁶ -Methyladenosine Demethylase FTO (Fat Mass and) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.8	14
1208	N6-methyladenine: A Rare and Dynamic DNA Mark. Advances in Experimental Medicine and Biology, 2022, , 177-210.	0.8	0
1209	Advances in multi-omics study of biomarkers of glycolipid metabolism disorder. Computational and Structural Biotechnology Journal, 2022, 20, 5935-5951.	1.9	22
1210	N6-methyladenosine (m6A) RNA modification in the pathophysiology of heart failure: a narrative review. Cardiovascular Diagnosis and Therapy, 2022, 12, 908-925.	0.7	2
1211	FGFICA: Independent Component Analysis of Fusion Genomic Features for Mining Epi-transcriptome Profiling Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, , 1-12.	1.9	0
1212	The emerging roles of N6-methyladenosine in osteoarthritis. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	4
1213	FTO Gene Polymorphisms at the Crossroads of Metabolic Pathways of Obesity and Epigenetic Influences. Food Technology and Biotechnology, 2022, 61, 14-26.	0.9	4
1215	Racial Disparities in Methylation of NRF1, FTO, and LEPR Gene in Childhood Obesity. Genes, 2022, 13, 2030.	1.0	3

#	ARTICLE	IF	CITATIONS
1216	Roles of N6-methyladenosine (m6A) modifications in gynecologic cancers: mechanisms and therapeutic targeting. <i>Experimental Hematology and Oncology</i> , 2022, 11, .	2.0	5
1217	Sensitive detection of fat mass and obesity-associated protein based on terminal deoxynucleotidyl transferase-mediated signal amplification. <i>Microchemical Journal</i> , 2022, 183, 108131.	2.3	2
1221	Engineering m6A demethylation-activated DNzyme for visually and sensitively sensing fat mass and obesity-associated protein. <i>Biosensors and Bioelectronics</i> , 2023, 222, 115007.	5.3	12
1222	Fat Mass and Obesity-Related Gene (FTO) and Binge Eating Disorder in Adults and Adolescents. , 2022, , 1-20.		0
1223	Fat mass and Obesity Associated (FTO) gene and polycystic ovary syndrome: Insight into pathogenesis and association with insulin resistance. <i>Human Nutrition and Metabolism</i> , 2022, 30, 200174.	0.8	0
1224	Dynamic regulation and key roles of ribonucleic acid methylation. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	1
1225	N6-Methyladenosine RNA Modifications Regulate the Response to Platinum Through Nicotinamide N-methyltransferase. <i>Molecular Cancer Therapeutics</i> , 2023, 22, 393-405.	1.9	3
1226	Differential Association of FTO Gene variants and Haplotypes with the Susceptibility to Polycystic Ovary Syndrome According To Obesity in Women with PCOS. <i>Reproductive Sciences</i> , 2023, 30, 2166-2176.	1.1	2
1227	The regulation of N6-methyladenosine modification in PD-L1-induced anti-tumor immunity. <i>Immunology and Cell Biology</i> , 0, , .	1.0	2
1228	Genetic and Epigenetic Biomarkers Related to 2-Oxoglutarate/Fe(II)-Dependent Oxygenases and Implications for Disease and Toxicology. <i>Biomarkers in Disease</i> , 2023, , 323-349.	0.0	0
1229	FTO Regulated Intramuscular Fat by Targeting APMAP Gene via an m6A-YTHDF2-dependent Manner in Rex Rabbits. <i>Cells</i> , 2023, 12, 369.	1.8	2
1230	Association of common genetic variants with body mass index in Russian population. <i>European Journal of Clinical Nutrition</i> , 0, , .	1.3	0
1231	FTO regulates the DNA damage response via effects on cell-cycle progression. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2023, 887, 503608.	0.9	2
1232	Role of N6-methyladenosine modification in central nervous system diseases and related therapeutic agents. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114583.	2.5	4
1233	FTO-dependent m6A modification of Plpp3 in circSCMH1-regulated vascular repair and functional recovery following stroke. <i>Nature Communications</i> , 2023, 14, .	5.8	19
1234	Targeting RNA N6-methyladenosine to synergize with immune checkpoint therapy. <i>Molecular Cancer</i> , 2023, 22, .	7.9	9
1238	The Genetic Basis of Future Pharmacological Strategies for the Management of Comorbid Obesity and Depression: A Scoping Review. <i>International Journal of Translational Medicine</i> , 2023, 3, 160-182.	0.1	0
1239	Associations of genetic markers of diabetes mellitus with carotid atherosclerosis: a community-based case-control study. <i>Cardiovascular Diabetology</i> , 2023, 22, .	2.7	0

#	ARTICLE	IF	CITATIONS
1240	Fat Mass and Obesity-Related Gene (FTO) and Binge Eating Disorder in Adults and Adolescents. , 2023, , 1043-1062.		0
1241	The role of demethylase AlkB homologs in cancer. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	2
1242	Epitranscriptomics in the development, functions, and disorders of cancer stem cells. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
1243	<i>FTO</i> : a critical role in obesity and obesity-related diseases. <i>British Journal of Nutrition</i> , 2023, 130, 1657-1664.	1.2	4
1245	Kinetic Studies on the 2-Oxoglutarate/Fe(II)-Dependent Nucleic Acid Modifying Enzymes from the AlkB and TET Families. <i>Dna</i> , 2023, 3, 65-84.	0.4	2
1247	Association of weight range with telomere length: A retrospective cohort study. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	0
1257	The therapeutic targets of N6-methyladenosine (m6A) modifications on tumor radioresistance. <i>Discover Oncology</i> , 2023, 14, .	0.8	1
1258	The implications of N6-methyladenosine (m6A) modification in esophageal carcinoma. <i>Molecular Biology Reports</i> , 0, , .	1.0	0
1271	Predicting the Mechanism of Demethylation of Nucleobases in Theoretical Simulation: A Review. , 2023, , .		0
1280	The role of N6-methyladenosine methylation in PAHs-induced cancers. <i>Environmental Science and Pollution Research</i> , 2023, 30, 118078-118101.	2.7	1
1285	Genetics of Type 2 Diabetes. , 2024, , 1-17.		0
1290	Recent Advances of RNA m6A Modifications in Cancer Immunoediting and Immunotherapy. <i>Cancer Treatment and Research</i> , 2023, , 49-94.	0.2	0
1295	N6-Methyladenosine RNA Modification in Normal and Malignant Hematopoiesis. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 105-123.	0.8	0
1297	sub>7</sub>: Discovery of a Hidden Phase with Distinctive Layer Stacking. , 2023, stinctive Layer Stacking.		0
1299	as and Removal of Organic Dyes from Wastewater. <i>Nature Reviews Urology</i> , 0, Ätttinger Ratswahl.	1.9	0