

Mahua Choudhury

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,166
citations

18
h-index

33
g-index

51
ext. papers

1,417
ext. citations

4.2
avg, IF

4.65
L-index

#	Paper	IF	Citations
46	Fatty liver is associated with reduced SIRT3 activity and mitochondrial protein hyperacetylation. <i>Biochemical Journal</i> , 2011 , 433, 505-14	3.8	273
45	A maternal high-fat diet modulates fetal SIRT1 histone and protein deacetylase activity in nonhuman primates. <i>FASEB Journal</i> , 2012 , 26, 5106-14	0.9	135
44	CCAAT/enhancer-binding protein [C/EBP] expression regulates dietary-induced inflammation in macrophages and adipose tissue in mice. <i>Journal of Biological Chemistry</i> , 2012 , 287, 34349-60	5.4	73
43	Epigenetics and microRNAs in preeclampsia. <i>Clinical and Experimental Hypertension</i> , 2012 , 34, 334-41	2.2	51
42	Reduced mitochondrial function in obesity-associated fatty liver: SIRT3 takes on the fat. <i>Aging</i> , 2011 , 3, 175-8	5.6	51
41	Surrogate alcohols and their metabolites modify histone H3 acetylation: involvement of histone acetyl transferase and histone deacetylase. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 829-39	3.7	49
40	Evidence for the role of oxidative stress in the acetylation of histone H3 by ethanol in rat hepatocytes. <i>Alcohol</i> , 2010 , 44, 531-40	2.7	45
39	Are epigenetic drugs for diabetes and obesity at our door step?. <i>Drug Discovery Today</i> , 2016 , 21, 499-508	8.8	41
38	Mono-(2-ethylhexyl) phthalate induces apoptosis through miR-16 in human first trimester placental cell line HTR-8/SVneo. <i>Toxicology in Vitro</i> , 2016 , 31, 35-42	3.6	35
37	C/EBP is AMP kinase sensitive and up-regulates PEPCK in response to ER stress in hepatoma cells. <i>Molecular and Cellular Endocrinology</i> , 2011 , 331, 102-8	4.4	32
36	Benzyl butyl phthalate induces epigenetic stress to enhance adipogenesis in mesenchymal stem cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 431, 109-22	4.4	32
35	Ketamine: repurposing and redefining a multifaceted drug. <i>Drug Discovery Today</i> , 2014 , 19, 1848-54	8.8	31
34	Mono-(2-ethylhexyl) Phthalate Increases Oxidative Stress Responsive miRNAs in First Trimester Placental Cell Line HTR8/SVneo. <i>Chemical Research in Toxicology</i> , 2016 , 29, 430-5	4	29
33	Pyrroloquinoline quinone increases the expression and activity of Sirt1 and -3 genes in HepG2 cells. <i>Nutrition Research</i> , 2015 , 35, 844-9	4	24
32	CCAAT/enhancer-binding protein beta (C/EBP) knockdown reduces inflammation, ER stress, and apoptosis, and promotes autophagy in oxLDL-treated RAW264.7 macrophage cells. <i>Molecular and Cellular Biochemistry</i> , 2020 , 463, 211-223	4.2	24
31	PFOS Modulates Interactive Epigenetic Regulation in First-Trimester Human Trophoblast Cell Line HTR-8/SV. <i>Chemical Research in Toxicology</i> , 2019 , 32, 2016-2027	4	20
30	Knock down of GCN5 histone acetyltransferase by siRNA decreases ethanol-induced histone acetylation and affects differential expression of genes in human hepatoma cells. <i>Alcohol</i> , 2011 , 45, 311-24	2.7	19

29	C/EBP β in bone marrow is essential for diet induced inflammation, cholesterol balance, and atherosclerosis. <i>Atherosclerosis</i> , 2016 , 250, 172-9	3.1	19
28	Mono-(2-ethylhexyl) Phthalate Aggravates Inflammatory Response via Sirtuin Regulation and Inflammasome Activation in RAW 264.7 Cells. <i>Chemical Research in Toxicology</i> , 2019 , 32, 935-942	4	18
27	The contribution of cholesterol and epigenetic changes to the pathophysiology of breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 183, 1-9	5.1	18
26	Increased phosphoenolpyruvate carboxykinase gene expression and steatosis during hepatitis C virus subgenome replication: role of nonstructural component 5A and CCAAT/enhancer-binding protein β . <i>Journal of Biological Chemistry</i> , 2012 , 287, 37340-51	5.4	18
25	The plasticizer BBP selectively inhibits epigenetic regulator sirtuin during differentiation of C3H10T1/2 stem cell line. <i>Toxicology in Vitro</i> , 2017 , 39, 75-83	3.6	16
24	The plasticizer BBP selectively inhibits epigenetic regulator sirtuins. <i>Toxicology</i> , 2015 , 338, 130-41	4.4	16
23	A SERS approach for rapid detection of microRNA-17 in the picomolar range. <i>Analyst, The</i> , 2019 , 144, 4033-4044	5	12
22	Promises of Nanotherapeutics in Obesity. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 369-383	8.8	10
21	Mono-(2-Ethylhexyl)phthalate Regulates Cholesterol Efflux via MicroRNAs Regulated mA RNA Methylation. <i>Chemical Research in Toxicology</i> , 2020 , 33, 461-469	4	8
20	A moderate physiological dose of benzyl butyl phthalate exacerbates the high fat diet-induced diabetes in male mice. <i>Toxicology Research</i> , 2020 , 9, 353-370	2.6	6
19	Butyl Benzyl Phthalate Promotes Adipogenesis in 3T3-L1 Cells via the miRNA-34a-5p Signaling Pathway in the Absence of Exogenous Adipogenic Stimuli. <i>Chemical Research in Toxicology</i> , 2021 , 34, 2251-2260	4	6
18	Benzyl Butyl Phthalate Induced Early lncRNA H19 Regulation in C3H10T1/2 Stem Cell Line. <i>Chemical Research in Toxicology</i> , 2021 , 34, 54-62	4	6
17	Obesity II: Establishing Causal Links Between Chemical Exposures and Obesity.. <i>Biochemical Pharmacology</i> , 2022 , 115015	6	6
16	Obesity I: Overview and molecular and biochemical mechanisms.. <i>Biochemical Pharmacology</i> , 2022 , 115016	6	6
15	Advancing metabolism research to overcome low litter survival in metabolically stressed mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E261-E268	6	5
14	CCAAT/enhancer binding protein β deletion increases mitochondrial function and protects mice from LXR-induced hepatic steatosis. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 336-9	3.4	5
13	Development of a miRNA surface-enhanced Raman scattering assay using benchtop and handheld Raman systems. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1-11	3.5	5
12	Diisononyl Phthalate Differentially Affects Sirtuin Expression in the HepG2 Cell Line. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1863-1870	4	4

11	Effect of Chronic Western Diets on Non-Alcoholic Fatty Liver of Male Mice Modifying the PPAR- α Pathway via miR-27b-5p Regulation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
10	Role of macrophage autophagy in atherosclerosis: modulation by bioactive compounds. <i>Biochemical Journal</i> , 2021 , 478, 1359-1375	3.8	2
9	Endocrine Disruptors and Epigenetics 2017 , 577-606		1
8	LncRNA DLEU2 regulates sirtuins and mitochondrial respiratory chain complex IV: a novel pathway in obesity and offspring's health.. <i>International Journal of Obesity</i> , 2022 ,	5.5	1
7	Oxidative stress and ethanol induced histone acetylation in primary rat hepatocytes. <i>FASEB Journal</i> , 2008 , 22, 632-632	0.9	1
6	Silencing of histone acetyltransferase GCN5 affects gene expression in human hepatoma cells: A gene array analysis. <i>FASEB Journal</i> , 2009 , 23, 585.8	0.9	1
5	Pyrrroloquinoline quinone attenuated benzyl butyl phthalate induced metabolic aberration and a hepatic metabolomic analysis.. <i>Biochemical Pharmacology</i> , 2021 , 114883	6	0
4	Screening for alternative splicing of lncRNA Dleu2 in the mouse liver cell line AML-12. <i>Biomedical Reports</i> , 2021 , 14, 50	1.8	0
3	Nanotechnology: Can It Be a Crusader in Diabetes? 2020 , 947-955		
2	Different carbon chain length alcohols modify histone H3 acetylation via histone acetyl transferase (HAT) and also sensitize ethanol induced acetylation in rat hepatocytes. <i>FASEB Journal</i> , 2007 , 21, A812	0.9	
1	HDACs in Diabetes 2018 , 475-486		