Andrea Fuso

List of Publications by Year
in descending order

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76 papers	3,403 citations	126907 33 h-index	144013 57 g-index
91 all docs	91 docs citations	91 times ranked	4278 citing authors

#	Article	IF	Citations
1	Tumor reversion and embryo morphogenetic factors. Seminars in Cancer Biology, 2022, 79, 83-90.	9.6	16
2	Epigenetic modifications in hostâ€“bacterial dialogues: more than meets the eye. Epigenomics, 2022, 14, 5-9.	2.1	0
3	RNA Expression Analysis of Mycobacterial Methyltransferases Genes in Different Resistant Strains of Mycobacterium tuberculosis.. Iranian Biomedical Journal, 2022, , .	0.7	0
4	RNA Expression Analysis of Mycobacterial Methyltransferases Genes in Different Resistant Strains of Mycobacterium tuberculosis. Iranian Biomedical Journal, 2022, 26, 240-251.	0.7	0
5	Quantitative Evaluation of CFTR Pre-mRNA Splicing Dependent on the (TG)mTn Poly-Variant Tract. Diagnostics, 2021, 11, 168.	2.6	5
6	Stimulation of the Serotonin Receptor 7 Restores Brain Histone H3 Acetylation and MeCP2 Corepressor Protein Levels in a Female Mouse Model of Rett Syndrome. Journal of Neuropathology and Experimental Neurology, 2021, 80, 265-273.	1.7	1
7	Analytical Performance of COVID-19 Detection Methods (RT-PCR): Scientific and Societal Concerns. Life, 2021, 11, 660.	2.4	9
8	miR-125a-5p impairs the metastatic potential in breast cancer via IP6K1 targeting. Cancer Letters, 2021, 520, 48-56.	7.2	10
9	The complex interplay between DNA methylation and miRNAs in gene expression regulation. Biochimie, 2020, 173, 12-16.	2.6	32
10	Ketone Bodies Promote Amyloid-Î²1â€“40 Clearance in a Human in Vitro Bloodâ€“Brain Barrier Model. International Journal of Molecular Sciences, 2020, 21, 934.	4.1	42
11	The inter-talk between Mycobacterium tuberculosis and the epigenetic mechanisms. Epigenomics, 2020, 12, 455-469.	2.1	22
12	CpG and non-CpG Presenilin1 methylation pattern in course of neurodevelopment and neurodegeneration is associated with gene expression in human and murine brain. Epigenetics, 2020, 15, 781-799.	2.7	39
13	Diet, Epigenetics, and Alzheimerâ€™s Disease. , 2019, , 987-1003.		0
14	Exploring the brain tissue proteome of TgCRND8 Alzheimer's Disease model mice under B vitamin deficient diet induced hyperhomocysteinemia by LC-MS top-down platform. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1124, 165-172.	2.3	4
15	Methyl-CpG binding protein 2 functional alterations provide vulnerability to develop behavioral and molecular features of post-traumatic stress disorder in male mice. Neuropharmacology, 2019, 160, 107664.	4.1	11
16	CpG and Non-CpG Methylation in the Dietâ€“Epigeneticsâ€“Neurodegeneration Connection. Current Nutrition Reports, 2019, 8, 74-82.	4.3	26
17	Active Demethylation of Non-CpG Moieties in Animals: A Neglected Research Area. International Journal of Molecular Sciences, 2019, 20, 6272.	4.1	6
18	Î±-Lipoic Acid Vaginal Administration Contrasts Inflammation and Preterm Delivery in Rats. Reproductive Sciences, 2019, 26, 128-138.	2.5	8

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19	Involvement of sperm acetylated histones and the nuclear isoform of Glutathione peroxidase 4 in fertilization. Journal of Cellular Physiology, 2018, 233, 3093-3104.	4.1	6
20	Non-CpG Methylation Revised. Epigenomes, 2018, 2, 22.	1.8	6
21	Aging and Disease. , 2018, , 935-973.		1
22	DNA Methylation Profiles of Selected Pro-Inflammatory Cytokines in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2017, 76, nlw099.	1.7	44
23	Alpha-lipoic acid represses IL-1B and IL-6 through DNA methylation in ovarian cells. PharmaNutrition, 2017, 5, 77-83.	1.7	4
24	Sexually Dimorphic Expression of Reelin in the Brain of a Mouse Model of Alzheimer Disease. Journal of Molecular Neuroscience, 2017, 61, 359-367.	2.3	7
25	Alpha-Lipoic Acid Downregulates IL-1Î² and IL-6 by DNA Hypermethylation in SK-N-BE Neuroblastoma Cells. Antioxidants, 2017, 6, 74.	5.1	29
26	S-Adenosylmethionine and Superoxide Dismutase 1 Synergistically Counteract Alzheimerâ€™s Disease Features Progression in TgCRND8 Mice. Antioxidants, 2017, 6, 76.	5.1	16
27	GSK3Î² 5'-flanking DNA Methylation and Expression in Alzheimerâ€™s Disease Patients. Current Alzheimer Research, 2017, 14, 753-759.	1.4	20
28	Diet, Epigenetics, and Alzheimerâ€™s Disease. , 2017, , 1-17.		0
29	Bioenergetic Impairment in Animal and Cellular Models of Alzheimerâ€™s Disease: PARP-1 Inhibition Rescues Metabolic Dysfunctions. Journal of Alzheimer's Disease, 2016, 54, 307-324.	2.6	62
30	Interleukin-18 modulation in autism spectrum disorders. Journal of Neuroinflammation, 2016, 13, 2.	7.2	27
31	Promoter-Specific Hypomethylation Correlates with IL-1Î² Overexpression in Tuberous Sclerosis Complex (TSC). Journal of Molecular Neuroscience, 2016, 59, 464-470.	2.3	23
32	Pharmacodynamics and pharmacokinetics of inositol(s) in health and disease. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 1181-1196.	3.3	124
33	Long-lasting beneficial effects of central serotonin receptor 7 stimulation in female mice modeling Rett syndrome. Frontiers in Behavioral Neuroscience, 2015, 9, 86.	2.0	44
34	Plasma Thiols Levels in Alzheimer's Disease Mice under Diet-Induced Hyperhomocysteinemia: Effect of S-Adenosylmethionine and Superoxide-Dismutase Supplementation. Journal of Alzheimer's Disease, 2015, 44, 1323-1331.	2.6	30
35	Neuroinflammatory Signals in Alzheimer Disease and APP/PS1 Transgenic Mice. Journal of Neuropathology and Experimental Neurology, 2015, 74, 319-344.	1.7	105
36	Environment, epigenetics and neurodegeneration: Focus on nutrition in Alzheimer's disease. Experimental Gerontology, 2015, 68, 8-12.	2.8	45

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37	Disclosing Bias in Bisulfite Assay: MethPrimers Underestimate High DNA Methylation. PLoS ONE, 2015, 10, e0118318.	2.5	42
38	Pharmacological Stimulation of the Brain Serotonin Receptor 7 as a Novel Therapeutic Approach for Rett Syndrome. Neuropsychopharmacology, 2014, 39, 2506-2518.	5.4	64
39	Nicotine exposure during adolescence: cognitive performance and brain gene expression in adult heterozygous reeler mice. Psychopharmacology, 2014, 231, 1775-1787.	3.1	17
40	Neonatal exposure to low dose corticosterone persistently modulates hippocampal mineralocorticoid receptor expression and improves locomotor/exploratory behaviour in a mouse model of Rett syndrome. Neuropharmacology, 2013, 68, 174-183.	4.1	26
41	Nicotine Restores Wt-Like Levels of Reelin and GAD67 Gene Expression in Brain of Heterozygous Reeler Mice. Neurotoxicity Research, 2013, 24, 205-215.	2.7	13
42	The â€˜golden ageâ€™ of DNA methylation in neurodegenerative diseases. Clinical Chemistry and Laboratory Medicine, 2013, 51, 523-34.	2.3	37
43	PARP-1 Modulates Amyloid Beta Peptide-Induced Neuronal Damage. PLoS ONE, 2013, 8, e72169.	2.5	70
44	PSEN1 Promoter Demethylation in Hyperhomocysteinemic TgCRND8 Mice is the Culprit, not the Consequence. Current Alzheimer Research, 2012, 9, 527-535.	1.4	27
45	Alzheimer's Disease Promotion by Obesity: Induced Mechanismsâ€”Molecular Links and Perspectives. Current Gerontology and Geriatrics Research, 2012, 2012, 1-13.	1.6	47
46	Stress-Induced Cytokines and Neuronal Dysfunction in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 28, 11-24.	2.6	60
47	Distribution of GFRA1-expressing spermatogonia in adult mouse testis. Reproduction, 2012, 143, 325-332.	2.6	90
48	Nutrition and Dementia. Current Gerontology and Geriatrics Research, 2012, 2012, 1-3.	1.6	3
49	S-adenosylmethionine reduces the progress of the Alzheimer-like features induced by B-vitamin deficiency in mice. Neurobiology of Aging, 2012, 33, 1482.e1-1482.e16.	3.1	107
50	Aging and Disease. , 2012, , 519-544.		0
51	Subcellular TSC22D4 Localization in Cerebellum Granule Neurons of the Mouse Depends on Development and Differentiation. Cerebellum, 2012, 11, 28-40.	2.5	25
52	Cholinergic hypofunction in MeCP2-308 mice: Beneficial neurobehavioural effects of neonatal choline supplementation. Behavioural Brain Research, 2011, 221, 623-629.	2.2	55
53	Changes in Presenilin 1 gene methylation pattern in diet-induced B vitamin deficiency. Neurobiology of Aging, 2011, 32, 187-199.	3.1	106
54	One-carbon metabolism and Alzheimer's disease: is it all a methylation matter?. Neurobiology of Aging, 2011, 32, 1192-1195.	3.1	63

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55	One-Carbon Metabolism Alteration Affects Brain Proteome Profile in a Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 22, 1257-1268.	2.6	8
56	Chromatin-Modifying Agents Increase Transcription of CYP46A1, a Key Player in Brain Cholesterol Elimination. Journal of Alzheimer's Disease, 2011, 22, 1209-1221.	2.6	15
57	DNA methylase and demethylase activities are modulated by one-carbon metabolism in Alzheimer's disease modelsâ˜†â˜†â˜†. Journal of Nutritional Biochemistry, 2011, 22, 242-251.	4.2	98
58	Early demethylation of non-CpG, CpC-rich, elements in the myogenin 5â€™-flanking region. Cell Cycle, 2010, 9, 3965-3976.	2.6	76
59	B Vitamin Deficiency Promotes Tau Phosphorylation Through Regulation of GSK3Î² and PP2A. Journal of Alzheimer's Disease, 2010, 19, 895-907.	2.6	57
60	Urokinase expression in course of benign and malignant mammary lesions: comparison between nodular and healthy tissues. Journal of Cancer Research and Clinical Oncology, 2010, 136, 157-163.	2.5	2
61	S-Adenosylmethionine Prevents Oxidative Stress and Modulates Glutathione Metabolism in TgCRND8 Mice Fed a B-Vitamin Deficient Diet. Journal of Alzheimer's Disease, 2010, 20, 997-1002.	2.6	70
62	Identification of Spermatogonial Stem Cell Subsets by Morphological Analysis and Prospective Isolation. Stem Cells, 2009, 27, 3043-3052.	3.2	125
63	B-vitamin deprivation induces hyperhomocysteinemia and brain S-adenosylhomocysteine, depletes brain S-adenosylmethionine, and enhances PS1 and BACE expression and amyloid-Î² deposition in mice. Molecular and Cellular Neurosciences, 2008, 37, 731-746.	2.2	183
64	Nicotine Inhibits Apoptosis and Stimulates Proliferation in Aortic Smooth Muscle Cells Through a Functional Nicotinic Acetylcholine Receptor. Journal of Surgical Research, 2008, 150, 227-235.	1.6	44
65	S-adenosylmethionine Inhibits Ubiquitin-Proteasome System In Vitro and on Rat Vascular Smooth Muscle Cells. Protein and Peptide Letters, 2008, 15, 58-62.	0.9	4
66	Î³-Secretase is Differentially Modulated by Alterations of Homocysteine Cycle in Neuroblastoma and Glioblastoma Cells. Journal of Alzheimer's Disease, 2007, 11, 275-290.	2.6	61
67	High density lipoproteins downregulate basic fibroblast growth factor production and release in minimally oxidated-LDL treated smooth muscle cells. Atherosclerosis, 2006, 189, 303-309.	0.8	21
68	The effect of S-adenosylmethionine on CNS gene expression studied by cDNA microarray analysis. Journal of Alzheimer's Disease, 2006, 9, 415-419.	2.6	21
69	Gene silencing through methylation: An epigenetic intervention on Alzheimer disease. Journal of Alzheimer's Disease, 2006, 9, 407-414.	2.6	79
70	A reassessment of semiquantitative analytical procedures for DNA methylation: Comparison of bisulfite- and HpaII polymerase-chain-reaction-based methods. Analytical Biochemistry, 2006, 350, 24-31.	2.4	20
71	Sertoli Cells Initiate Testicular Innate Immune Responses through TLR Activation. Journal of Immunology, 2006, 177, 7122-7130.	0.8	107
72	Evaluation of chemical and diastereoisomeric stability of S-adenosylmethionine in aqueous solution by capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 2005, 38, 449-456.	2.8	34

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73	S-adenosylmethionine/homocysteine cycle alterations modify DNA methylation status with consequent deregulation of PS1 and BACE and beta-amyloid production. Molecular and Cellular Neurosciences, 2005, 28, 195-204.	2.2	376
74	Presenilin 1 gene silencing by Sâ€adenosylmethionine: a treatment for Alzheimer disease?. FEBS Letters, 2003, 541, 145-148.	2.8	176
75	Gene silencing byS-adenosylmethionine in muscle differentiation. FEBS Letters, 2001, 508, 337-340.	2.8	31
76	The Dynamics of Myogenin Site-specific Demethylation Is Strongly Correlated with Its Expression and with Muscle Differentiation. Journal of Biological Chemistry, 2001, 276, 7500-7506.	3.4	118