

Thomas O Maurin

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,763
citations

331670

21
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

4718
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of MicroRNA-Silencing Pathway by HIV-1 During Virus Replication. <i>Science</i> , 2007, 315, 1579-1582.	12.6	608
2	Conserved vertebrate <i>mir-451</i> provides a platform for Dicer-independent, Ago2-mediated microRNA biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15163-15168.	7.1	389
3	<i>miR-210</i> is overexpressed in late stages of lung cancer and mediates mitochondrial alterations associated with modulation of HIF-1 activity. <i>Cell Death and Differentiation</i> , 2011, 18, 465-478.	11.2	367
4	Identification of Keratinocyte Growth Factor as a Target of microRNA-155 in Lung Fibroblasts: Implication in Epithelial-Mesenchymal Interactions. <i>PLoS ONE</i> , 2009, 4, e6718.	2.5	192
5	Transcriptional Regulation of $\hat{1}^2$ -Secretase by p25/cdk5 Leads to Enhanced Amyloidogenic Processing. <i>Neuron</i> , 2008, 57, 680-690.	8.1	191
6	HITS-CLIP in various brain areas reveals new targets and new modalities of RNA binding by fragile X mental retardation protein. <i>Nucleic Acids Research</i> , 2018, 46, 6344-6355.	14.5	124
7	Transcriptional repression of microRNA genes by PML-RARA increases expression of key cancer proteins in acute promyelocytic leukemia. <i>Blood</i> , 2009, 113, 412-421.	1.4	97
8	Fragile X Syndrome: From molecular pathology to therapy. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 242-255.	6.1	96
9	Functional parameters of Dicer-independent microRNA biogenesis. <i>Rna</i> , 2012, 18, 945-957.	3.5	81
10	A Peptide Derived from Bee Venom-Secreted Phospholipase A ₂ Inhibits Replication of T-Cell Tropic HIV-1 Strains via Interaction with the CXCR4 Chemokine Receptor. <i>Molecular Pharmacology</i> , 2001, 60, 341-347.	2.3	72
11	<i>Ars2</i> maintains neural stem-cell identity through direct transcriptional activation of <i>Sox2</i> . <i>Nature</i> , 2012, 481, 195-198.	27.8	69
12	Neurotoxicity and Other Pharmacological Activities of the Snake Venom Phospholipase A ₂ OS2: The N-Terminal Region Is More Important Than Enzymatic Activity. <i>Biochemistry</i> , 2006, 45, 5800-5816.	2.5	63
13	Sumoylation regulates FMRP-mediated dendritic spine elimination and maturation. <i>Nature Communications</i> , 2018, 9, 757.	12.8	63
14	New insights into the regulatory function of CYFIP1 in the context of WAVE- and FMRP-containing complexes. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 463-474.	2.4	49
15	Involvement of Phosphodiesterase 2A Activity in the Pathophysiology of Fragile X Syndrome. <i>Cerebral Cortex</i> , 2019, 29, 3241-3252.	2.9	35
16	RNase III-independent microRNA biogenesis in mammalian cells. <i>Rna</i> , 2012, 18, 2166-2173.	3.5	34
17	The Search for an Effective Therapy to Treat Fragile X Syndrome: Dream or Reality?. <i>Frontiers in Synaptic Neuroscience</i> , 2017, 9, 15.	2.5	32
18	Anesthesia-induced hypothermia mediates decreased ARC gene and protein expression through ERK/MAPK inactivation. <i>Scientific Reports</i> , 2013, 3, 1388.	3.3	28

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19	Tumor necrosis factor- α stimulates HIV-1 production in primary culture of human adipocytes. <i>Experimental Cell Research</i> , 2005, 304, 544-551.	2.6	27
20	The FMRP/GRK4 mRNA interaction uncovers a new mode of binding of the Fragile X mental retardation protein in cerebellum. <i>Nucleic Acids Research</i> , 2015, 43, 8540-8550.	14.5	24
21	Intertwined pathways for Argonaute-mediated microRNA biogenesis in <i>Drosophila</i> . <i>Nucleic Acids Research</i> , 2014, 42, 1987-2002.	14.5	23
22	A new cis-acting motif is required for the axonal SMN-dependent Anxa2 mRNA localization. <i>Rna</i> , 2017, 23, 899-909.	3.5	22
23	New Insights Into the Role of Cav2 Protein Family in Calcium Flux Deregulation in Fmr1-KO Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 342.	2.9	17
24	Fragile X Mental Retardation Protein: To Be or Not to Be a Translational Enhancer. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 113.	3.5	16
25	An Envelope-determined Endocytic Route of Viral Entry Allows HIV-1 to Escape from Secreted Phospholipase A2 Entry Blockade. <i>Journal of Molecular Biology</i> , 2007, 367, 702-714.	4.2	14
26	Reduction of Fmr1 mRNA Levels Rescues Pathological Features in Cortical Neurons in a Model of FXTAS. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 546-553.	5.1	11
27	Exploration and characterisation of the phenotypic and genetic profiles of patients with early onset schizophrenia associated with autism spectrum disorder and their first-degree relatives: a French multicentre case series study protocol (GenAuDiss). <i>BMJ Open</i> , 2018, 8, e023330.	1.9	8
28	Agonist-induced functional analysis and cell sorting associated with single-cell transcriptomics characterizes cell subtypes in normal and pathological brain. <i>Genome Research</i> , 2020, 30, 1633-1642.	5.5	7