

Michele Trabucchi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,023
citations

361296

20
h-index

395590

33
g-index

45
all docs

45
docs citations

45
times ranked

2975
citing authors

#	ARTICLE	IF	CITATIONS
1	The RNA-binding protein KSRP promotes the biogenesis of a subset of microRNAs. <i>Nature</i> , 2009, 459, 1010-1014.	13.7	588
2	LPS induces KH-type splicing regulatory protein-dependent processing of microRNA-155 precursors in macrophages. <i>FASEB Journal</i> , 2009, 23, 2898-2908.	0.2	188
3	Viruses and miRNAs: More Friends than Foes. <i>Frontiers in Microbiology</i> , 2017, 8, 824.	1.5	181
4	The RNA-Binding Protein KSRP Promotes Decay of β -Catenin mRNA and Is Inactivated by PI3K-AKT Signaling. <i>PLoS Biology</i> , 2006, 5, e5.	2.6	132
5	Post-transcriptional gene silencing mediated by microRNAs is controlled by nucleoplasmic Sfpq. <i>Nature Communications</i> , 2017, 8, 1189.	5.8	68
6	DICER- and AGO3-dependent generation of retinoic acid-induced DR2 Alu RNAs regulates human stem cell proliferation. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1168-1175.	3.6	64
7	RNY (YRNA)-derived small RNAs regulate cell death and inflammation in monocytes/macrophages. <i>Cell Death and Disease</i> , 2018, 8, e2530-e2530.	2.7	57
8	The role of KSRP in mRNA decay and microRNA precursor maturation. <i>Wiley Interdisciplinary Reviews RNA</i> , 2010, 1, 230-239.	3.2	56
9	Identification of a set of KSRP target transcripts upregulated by PI3K-AKT signaling. <i>BMC Molecular Biology</i> , 2007, 8, 28.	3.0	53
10	KSRP, many functions for a single protein. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1787.	3.0	49
11	Subcellular Heterogeneity of the microRNA Machinery. <i>Trends in Genetics</i> , 2019, 35, 15-28.	2.9	47
12	Paternal obesity: how bad is it for sperm quality and progeny health?. <i>Basic and Clinical Andrology</i> , 2017, 27, 20.	0.8	44
13	Molecular cloning of the cDNAs and distribution of the mRNAs encoding two somatostatin precursors in the African lungfish <i>Protopterus annectens</i> . , 1999, 410, 643-652.		41
14	How to control miRNA maturation? Co-activators and co-repressors take the stage. <i>RNA Biology</i> , 2009, 6, 536-540.	1.5	40
15	Polygenic expression of somatostatin in the sturgeon <i>Acipenser transmontanus</i> : Molecular cloning and distribution of the mRNAs encoding two somatostatin precursors. <i>Journal of Comparative Neurology</i> , 2002, 443, 332-345.	0.9	37
16	Characterization of the cDNA encoding a somatostatin variant in the chicken brain: Comparison of the distribution of the two somatostatin precursor mRNAs. <i>Journal of Comparative Neurology</i> , 2003, 461, 441-451.	0.9	35
17	RNY-derived small RNAs as a signature of coronary artery disease. <i>BMC Medicine</i> , 2015, 13, 259.	2.3	32
18	Immunocytochemical localization of somatostatin and autoradiographic distribution of somatostatin binding sites in the brain of the African lungfish, <i>Protopterus annectens</i> . , 1997, 388, 337-353.		31

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19	Recent computational developments on CLIP-seq data analysis and microRNA targeting implications. Briefings in Bioinformatics, 2018, 19, 1290-1301.	3.2	25
20	Paternal multigenerational exposure to an obesogenic diet drives epigenetic predisposition to metabolic diseases in mice. ELife, 2021, 10, .	2.8	24
21	From benchmarking HITS-CLIP peak detection programs to a new method for identification of miRNA-binding sites from Ago2-CLIP data. Nucleic Acids Research, 2017, 45, gkx007.	6.5	23
22	Let-7b/c Enhance the Stability of a Tissue-Specific mRNA during Mammalian Organogenesis as Part of a Feedback Loop Involving KSRP. PLoS Genetics, 2012, 8, e1002823.	1.5	22
23	Immunocytochemical localization of enkephalins in the brain of the African lungfish, <i>Protopterus annectens</i> , provides evidence for differential distribution of Met-enkephalin and Leu-enkephalin. , 1998, 396, 275-287.		20
24	KSRP Promotes the Maturation of a Group of miRNA Precursors. Advances in Experimental Medicine and Biology, 2010, 700, 36-42.	0.8	20
25	Melanin-concentrating hormone system in the brain of the lungfish <i>Protopterus annectens</i> . , 1998, 390, 41-51.		19
26	Immunocytochemical localization of atrial natriuretic factor and autoradiographic distribution of atria natriuretic factor binding sites in the brain of the African lungfish, <i>Protopterus annectens</i> . , 1996, 375, 345-362.		18
27	Distribution of GAD-immunoreactive neurons in the diencephalon of the African lungfish <i>Protopterus annectens</i> : Colocalization of GAD and NPY in the preoptic area. , 2000, 419, 223-232.		16
28	Ontogeny of pituitary adenylate cyclase-activating polypeptide (PACAP) in the frog (<i>Rana ridibunda</i>) tadpole brain: Immunohistochemical localization and biochemical characterization. Journal of Comparative Neurology, 2001, 431, 11-27.	0.9	15
29	Molecular characterization and comparative localization of the mRNAs encoding two glutamic acid decarboxylases (GAD65 and GAD67) in the brain of the african lungfish, <i>Protopterus annectens</i> . Journal of Comparative Neurology, 2008, 506, 979-988.	0.9	13
30	Developmental epigenetic programming of adult germ cell death disease: Polycomb protein EZH2-miR-101 pathway. Epigenomics, 2016, 8, 1459-1479.	1.0	11
31	KSRP promotes the maturation of a group of miRNA precursors. Advances in Experimental Medicine and Biology, 2010, 700, 36-42.	0.8	11
32	Autoradiographic distribution of neuropeptide tyrosine binding sites in the brain of the African lungfish, <i>Protopterus annectens</i> . Neuroscience Letters, 1998, 254, 5-8.	1.0	9
33	Molecular Evolution of Somatostatin Genes. , 2004, , 47-64.		6
34	Neuropeptides in the Lungfish Brain: Phylogenetic Implications. Annals of the New York Academy of Sciences, 1998, 839, 53-59.	1.8	5
35	Regulation of stimulus-inducible gene expression in myeloid cells. Seminars in Immunology, 2015, 27, 33-43.	2.7	5
36	Distribution of vasoactive intestinal peptide-like immunoreactivity in the brain and pituitary of the frog (<i>Rana esculenta</i>) during development. Brain Research, 1999, 851, 105-115.	1.1	3

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37	Immunohistochemical localization of atrial natriuretic factor and autoradiographic distribution of atrial natriuretic factor-binding sites in the brain of the cave salamander <i>Hydromantes genei</i> (Amphibia, Plethodontidae). <i>Journal of Comparative Neurology</i> , 2001, 437, 240-258.	0.9	3
38	Systemic CLIP-seq analysis and game theory approach to model microRNA mode of binding. <i>Nucleic Acids Research</i> , 2021, 49, e66-e66.	6.5	2
39	Prediction of coronary heart disease incidence in a general male population by circulating non-coding small RNA sRNY1-5p in a nested case-control study. <i>Scientific Reports</i> , 2021, 11, 1837.	1.6	1
40	Localization of ANF and ANF Receptors in the Lungfish Brain. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 619-620.	1.8	0