Carlo Cogoni

List of Publications by Year
in descending order

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37 papers	5,212 citations	218677 26 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	6090 citing authors

#	Article	IF	Citations
1	The genome sequence of the filamentous fungus Neurospora crassa. Nature, 2003, 422, 859-868.	27.8	1,528
2	MicroRNA in Control of Gene Expression: An Overview of Nuclear Functions. International Journal of Molecular Sciences, 2016, 17, 1712.	4.1	882
3	Gene silencing in Neurospora crassa requires a protein homologous to RNA-dependent RNA polymerase. Nature, 1999, 399, 166-169.	27.8	616
4	Post-transcriptional gene silencing across kingdoms. Current Opinion in Genetics and Development, 2000, 10, 638-643.	3.3	283
5	Gene silencing in worms and fungi. Nature, 2000, 404, 245-245.	27.8	219
6	MicroRNA-101 Regulates Amyloid Precursor Protein Expression in Hippocampal Neurons. Journal of Biological Chemistry, 2010, 285, 18344-18351.	3.4	201
7	Redundancy of the Two Dicer Genes in Transgene-Induced Posttranscriptional Gene Silencing in Neurospora crassa. Molecular and Cellular Biology, 2004, 24, 2536-2545.	2.3	183
8	Involvement of small RNAs and role of the qde genes in the gene silencing pathway in Neurospora. Genes and Development, 2002, 16, 790-795.	5.9	154
9	Efficient gene silencing by expression of double stranded RNA in Neurospora crassa. Fungal Genetics and Biology, 2004, 41, 1016-1024.	2.1	104
10	Homology-dependent gene silencing in plants and fungi: a number of variations on the same theme. Current Opinion in Microbiology, 1999, 2, 657-662.	5.1	101
11	Homology-Dependent Gene Silencing Mechanisms in Fungi. Annual Review of Microbiology, 2001, 55, 381-406.	7.3	100
12	The post-transcriptional gene silencing machinery functions independently of DNA methylation to repress a LINE1-like retrotransposon in Neurospora crassa. Nucleic Acids Research, 2005, 33, 1564-1573.	14.5	97
13	Conservation of transgene-induced post-transcriptional gene silencing in plants and fungi. Trends in Plant Science, 1997, 2, 438-443.	8.8	64
14	RNAi-dependent and RNAi-independent mechanisms contribute to the silencing of RIPed sequences in Neurospora crassa. Nucleic Acids Research, 2004, 32, 4237-4243.	14.5	54
15	Small Interfering RNAs That Trigger Posttranscriptional Gene Silencing Are Not Required for the Histone H3 Lys9 Methylation Necessary for Transgenic Tandem Repeat Stabilization in Neurospora crassa. Molecular and Cellular Biology, 2005, 25, 3793-3801.	2.3	52
16	Suppression of gene expression by homologous transgenes. Antonie Van Leeuwenhoek, 1994, 65, 205-209.	1.7	51
17	9 Quelling in Neurospora crassa. Advances in Genetics, 2002, 46, 277-303.	1.8	44
18	Thinking about RNA? MicroRNAs in the brain. Mammalian Genome, 2008, 19, 541-51.	2.2	43

#	Article	IF	Citations
19	Searching for MIND: MicroRNAs in Neurodegenerative Diseases. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-8.	3.0	43
20	MicroRNAâ€92 modulates K(+) Cl(â˜) coâ€transporter KCC2 expression in cerebellar granule neurons. Journal of Neurochemistry, 2010, 113, 591-600.	3.9	42
21	Selective inhibition of miRâ€92 in hippocampal neurons alters contextual fear memory. Hippocampus, 2014, 24, 1458-1465.	1.9	41
22	The RNA-dependent RNA polymerase, QDE-1, is a rate-limiting factor in post-transcriptional gene silencing in Neurospora crassa. Nucleic Acids Research, 2004, 32, 2123-2128.	14.5	39
23	Homology effects inNeurospora crassa. FEMS Microbiology Letters, 2006, 254, 182-189.	1.8	34
24	Dicer expression and localization in post-mitotic neurons. Brain Research, 2007, 1175, 17-27.	2.2	33
25	The RNA-dependent RNA polymerase essential for post-transcriptional gene silencing in Neurospora crassa interacts with replication protein A. Nucleic Acids Research, 2008, 36, 532-538.	14.5	32
26	Ago1 and Ago2 differentially affect cell proliferation, motility and apoptosis when overexpressed in SH-SY5Y neuroblastoma cells. FEBS Letters, 2011, 585, 2965-2971.	2.8	32
27	Quelling targets the rDNA locus and functions in rDNA copy number control. BMC Microbiology, 2009, 9, 44.	3.3	25
28	Targeting microRNAs in neurons: Tools and perspectives. Experimental Neurology, 2012, 235, 419-426.	4.1	22
29	Arc 3â€² UTR Splicing Leads to Dual and Antagonistic Effects in Fine-Tuning Arc Expression Upon BDNF Signaling. Frontiers in Molecular Neuroscience, 2018, 11, 145.	2.9	21
30	RISC activity in hippocampus is essential for contextual memory. Neuroscience Letters, 2010, 471, 185-188.	2.1	14
31	Left-Sided Early-Onset vs Late-Onset Colorectal Carcinoma. American Journal of Clinical Pathology, 2015, 143, 374-384.	0.7	14
32	Post-transcriptional regulation of amyloid precursor protein by microRNAs and RNA binding proteins. Communicative and Integrative Biology, 2010, 3, 499-503.	1.4	12
33	Modifications of H3K4 methylation levels are associated with DNA hypermethylation in acute myeloid leukemia. FEBS Journal, 2020, 287, 1155-1175.	4.7	11
34	Unifying homology effects. Nature Genetics, 2002, 30, 245-246.	21.4	8
35	Silencing of Ago-2 Interacting Protein SERBP1 Relieves KCC2 Repression by miR-92 in Neurons. Cells, 2022, 11, 1052.	4.1	5
36	The long hand of the small RNAs reaches into several levels of gene regulation. Biochemistry and Cell Biology, 2004, 82, 472-481.	2.0	4

#	Article	IF	Citations
37	Potassium Channel KCNH1 Activating Variants Cause Altered Functional and Morphological Ciliogenesis. Molecular Neurobiology, 2022, 59, 4825-4838.	4.0	4