Paola Roncaglia

List of Publications by Year
in descending order

36 papers	4,458 citations	279798 23 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	8263 citing authors

#	Article	IF	Citations
1	Open Targets Genetics: systematic identification of trait-associated genes using large-scale genetics and functional genomics. Nucleic Acids Research, 2021, 49, D1311-D1320.	14.5	295
2	The Monarch Initiative in 2019: an integrative data and analytic platform connecting phenotypes to genotypes across species. Nucleic Acids Research, 2020, 48, D704-D715.	14.5	178
3	Gene Ontology Curation of Neuroinflammation Biology Improves the Interpretation of Alzheimerâ€™s Disease Gene Expression Data. Journal of Alzheimer's Disease, 2020, 75, 1417-1435.	2.6	18
4	Exploring autophagy with Gene Ontology. Autophagy, 2018, 14, 419-436.	9.1	64
5	Improving the Gene Ontology Resource to Facilitate More Informative Analysis and Interpretation of Alzheimerâ€™s Disease Data. Genes, 2018, 9, 593.	2.4	15
6	Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. Circulation Genomic and Precision Medicine, 2018, 11, e001813.	3.6	24
7	The Gene Ontology of eukaryotic cilia and flagella. Cilia, 2017, 6, 10.	1.8	6
8	Effects of Pin1 Loss in HdhQ111 Knock-in Mice. Frontiers in Cellular Neuroscience, 2016, 10, 110.	3.7	15
9	Extending gene ontology in the context of extracellular RNA and vesicle communication. Journal of Biomedical Semantics, 2016, 7, 19.	1.6	24
10	Tools and data services registry: a community effort to document bioinformatics resources. Nucleic Acids Research, 2016, 44, D38-D47.	14.5	113
11	Blood transcriptomics of drug-naÃ¯ve sporadic Parkinsonâ€™s disease patients. BMC Genomics, 2015, 16, 876.	2.8	64
12	Using Gene Ontology to describe the role of the neurexin-neuroligin-SHANK complex in human, mouse and rat and its relevance to autism. BMC Bioinformatics, 2015, 16, 186.	2.6	17
13	TermGenie â€“ a web-application for pattern-based ontology class generation. Journal of Biomedical Semantics, 2014, 5, 48.	1.6	30
14	Mesencephalic dopaminergic neurons express a repertoire of olfactory receptors and respond to odorant-like molecules. BMC Genomics, 2014, 15, 729.	2.8	46
15	Dissecting the transcriptional phenotype of ribosomal protein deficiency: implications for Diamond-Blackfan Anemia. Gene, 2014, 545, 282-289.	2.2	44
16	Genome-wide expression profiling and functional characterization of SCA28 lymphoblastoid cell lines reveal impairment in cell growth and activation of apoptotic pathways. BMC Medical Genomics, 2013, 6, 22.	1.5	14
17	The Gene Ontology (GO) Cellular Component Ontology: integration with SAO (Subcellular Anatomy) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	44
18	Dovetailing biology and chemistry: integrating the Gene Ontology with the ChEBI chemical ontology. BMC Genomics, 2013, 14, 513.	2.8	45

#	Article	IF	Citations
19	DNA Damage in Mammalian Neural Stem Cells Leads to Astrocytic Differentiation Mediated by BMP2 Signaling through JAK-STAT. Stem Cell Reports, 2013, 1, 123-138.	4.8	79
20	Adhesion to Carbon Nanotube Conductive Scaffolds Forces Action-Potential Appearance in Immature Rat Spinal Neurons. PLoS ONE, 2013, 8, e73621.	2.5	53
21	Developmental influence of the cellular prion protein on the gene expression profile in mouse hippocampus. Physiological Genomics, 2011, 43, 711-725.	2.3	20
22	Direct generation of functional dopaminergic neurons from mouse and human fibroblasts. Nature, 2011, 476, 224-227.	27.8	941
23	Motor neuron impairment mediated by a sumoylated fragment of the glial glutamate transporter EAAT2. Glia, 2011, 59, 1719-1731.	4.9	59
24	Parkinson Disease-associated DJ-1 Is Required for the Expression of the Glial Cell Line-derived Neurotrophic Factor Receptor RET in Human Neuroblastoma Cells. Journal of Biological Chemistry, 2010, 285, 18565-18574.	3.4	37
25	Fibroblasts from patients with Diamond-Blackfan anaemia show abnormal expression of genes involved in protein synthesis, amino acid metabolism and cancer. BMC Genomics, 2009, 10, 442.	2.8	22
26	A transcriptome analysis identifies molecular effectors of unconjugated bilirubin in human neuroblastoma SH-SY5Y cells. BMC Genomics, 2009, 10, 543.	2.8	26
27	Unexpected expression of Î±- and Î²-globin in mesencephalic dopaminergic neurons and glial cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15454-15459.	7.1	240
28	Characterization of caspase-dependent and caspase-independent deaths in glioblastoma cells treated with inhibitors of the ubiquitin-proteasome system. Molecular Cancer Therapeutics, 2009, 8, 3140-3150.	4.1	20
29	Large Differences in Aging Phenotype between Strains of the Short-Lived Annual Fish Nothobranchius furzeri. PLoS ONE, 2008, 3, e3866.	2.5	162
30	Annual fishes of the genus Nothobranchius as a model system for aging research. Aging Cell, 2005, 4, 223-233.	6.7	217
31	The genome of the protist parasite Entamoeba histolytica. Nature, 2005, 433, 865-868.	27.8	783
32	The Genome of the Basidiomycetous Yeast and Human Pathogen Cryptococcus neoformans. Science, 2005, 307, 1321-1324.	12.6	664
33	Genomic organization and expression of 23 new genes from MATÎ± locus of Cryptococcus neoformans var. gattii. Biochemical and Biophysical Research Communications, 2004, 326, 233-241.	2.1	12
34	Pore Topology of the Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel from Sea Urchin Sperm. Biophysical Journal, 2002, 83, 1953-1964.	0.5	15
35	Cyclic-nucleotide-gated channels: pore topology in desensitizing E19A mutants. Pflugers Archiv European Journal of Physiology, 2001, 441, 772-780.	2.8	8
36	Cyclic nucleotide-gated channels: intra- and extracellular accessibility to Cd2+ of substituted cysteine residues within the P-loop. Pflugers Archiv European Journal of Physiology, 2000, 440, 556-565.	2.8	27