

Maria Monica Barzago

List of Publications by Year in descending order

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29
papers

757
citations

471371

17
h-index

526166

27
g-index

30
all docs

30
docs citations

30
times ranked

968
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular and molecular determinants of all-trans retinoic acid sensitivity in breast cancer: Luminal phenotype and RAR β expression. <i>EMBO Molecular Medicine</i> , 2015, 7, 950-972.	3.3	60
2	Molecular cloning of the cDNA coding for mouse aldehyde oxidase: tissue distribution and regulation in vivo by testosterone. <i>Biochemical Journal</i> , 1999, 341, 71-80.	1.7	56
3	The Aldehyde Oxidase Gene Cluster in Mice and Rats. <i>Journal of Biological Chemistry</i> , 2004, 279, 50482-50498.	1.6	56
4	Avian and Canine Aldehyde Oxidases. <i>Journal of Biological Chemistry</i> , 2006, 281, 19748-19761.	1.6	56
5	Role of the Molybdoflavoenzyme Aldehyde Oxidase Homolog 2 in the Biosynthesis of Retinoic Acid: Generation and Characterization of a Knockout Mouse. <i>Molecular and Cellular Biology</i> , 2009, 29, 357-377.	1.1	55
6	Structure and evolution of vertebrate aldehyde oxidases: from gene duplication to gene suppression. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1807-1830.	2.4	53
7	All-trans-retinoic Acid Modulates the Plasticity and Inhibits the Motility of Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 17690-17709.	1.6	44
8	Regulation and Biochemistry of Mouse Molybdo-flavoenzymes. <i>Journal of Biological Chemistry</i> , 2004, 279, 8668-8683.	1.6	39
9	Antitumor Activity of the Retinoid-Related Molecules (E)-3-(4-Hydroxy-3-adamantylbiphenyl-4-yl)acrylic Acid (ST1926) and 6-[3-(1-Adamantyl)-4-hydroxyphenyl]-2-naphthalene Carboxylic Acid (CD437) in F9 Teratocarcinoma: Role of Retinoic Acid Receptor β and Retinoid-Independent Pathways. <i>Molecular Pharmacology</i> , 2006, 70, 909-924.	1.0	39
10	Phosphodiesterase IV Inhibition by Piclamilast Potentiates the Cytodifferentiating Action of Retinoids in Myeloid Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 42026-42040.	1.6	35
11	Network-guided modeling allows tumor-type independent prediction of sensitivity to all-trans-retinoic acid. <i>Annals of Oncology</i> , 2017, 28, 611-621.	0.6	31
12	Human Axonal Survival of Motor Neuron (a-SMN) Protein Stimulates Axon Growth, Cell Motility, C-C Motif Ligand 2 (CCL2), and Insulin-like Growth Factor-1 (IGF1) Production. <i>Journal of Biological Chemistry</i> , 2012, 287, 25782-25794.	1.6	26
13	Monitoring of blood gas parameters and acid-base balance of pregnant and non-pregnant rabbits (<i>Oryctolagus cuniculus</i>) in routine experimental conditions. <i>Laboratory Animals</i> , 1992, 26, 73-79.	0.5	25
14	Machine learning analyses of antibody somatic mutations predict immunoglobulin light chain toxicity. <i>Nature Communications</i> , 2021, 12, 3532.	5.8	23
15	Molecular cloning of the cDNA coding for mouse aldehyde oxidase: tissue distribution and regulation in vivo by testosterone. <i>Biochemical Journal</i> , 1999, 341, 71.	1.7	21
16	Nanobody interaction unveils structure, dynamics and proteotoxicity of the Finnish-type amyloidogenic gelsolin variant. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 648-660.	1.8	21
17	Simultaneous determination of retinol, α -tocopherol and retinyl palmitate in plasma of premature newborns by reversed-phase high-performance liquid chromatography. <i>Biomedical Applications</i> , 1993, 617, 313-317.	1.7	18
18	Mouse aldehyde-oxidase-4 controls diurnal rhythms, fat deposition and locomotor activity. <i>Scientific Reports</i> , 2016, 6, 30343.	1.6	15

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19	All-Trans Retinoic Acid Stimulates Viral Mimicry, Interferon Responses and Antigen Presentation in Breast-Cancer Cells. <i>Cancers</i> , 2020, 12, 1169.	1.7	15
20	Placental transfer of theophylline in an in vitro closed perfusion system of human placenta isolated lobule. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1993, 18, 369-374.	0.6	11
21	V363I and V363A mutated tau affect aggregation and neuronal dysfunction differently in <i>C. elegans</i> . <i>Neurobiology of Disease</i> , 2018, 117, 226-234.	2.1	11
22	<i>Caenorhabditis elegans</i> Models to Investigate the Mechanisms Underlying Tau Toxicity in Tauopathies. <i>Brain Sciences</i> , 2020, 10, 838.	1.1	11
23	Retinoic Acid Sensitivity of Triple-Negative Breast Cancer Cells Characterized by Constitutive Activation of the notch1 Pathway: The Role of Rar β . <i>Cancers</i> , 2020, 12, 3027.	1.7	10
24	Generation of a new mouse model of glaucoma characterized by reduced expression of the AP-2 β and AP-2 γ proteins. <i>Scientific Reports</i> , 2017, 7, 11140.	1.6	7
25	Placental transfer and tissue distribution of vitamin e in pregnant rabbits. <i>Biopharmaceutics and Drug Disposition</i> , 1990, 11, 679-688.	1.1	6
26	Supplementation and Plasma Levels of Vitamin A in Premature Newborns at Risk for Chronic Lung Disease. <i>Developmental Pharmacology and Therapeutics</i> , 1993, 20, 144-151.	0.2	5
27	<i>C. elegans</i> detects toxicity of traumatic brain injury generated tau. <i>Neurobiology of Disease</i> , 2021, 153, 105330.	2.1	5
28	In situ perfusion in the rabbit: Effects of different umbilical flow rates on placental transfer of compounds. <i>Journal of Pharmacological and Toxicological Methods</i> , 1992, 27, 113-117.	0.3	1
29	Cu(II) Binding Increases the Soluble Toxicity of Amyloidogenic Light Chains. <i>International Journal of Molecular Sciences</i> , 2022, 23, 950.	1.8	1