

Carola Tilgmann

List of Publications by Year in descending order

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28
papers

2,484
citations

331538

21
h-index

526166

27
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28
all docs

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docs citations

28
times ranked

2935
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and Structural Characterization of a Phospholamban-Binding Cyclic Peptide and Design of Novel Inhibitors of Phospholamban. <i>Chemical Biology and Drug Design</i> , 2013, 81, 463-473.	1.5	2
2	Phenotype mining in CNV carriers from a population cohort â€. <i>Human Molecular Genetics</i> , 2011, 20, 2686-2695.	1.4	13
3	Increased catechol-O-methyltransferase activity and protein expression in OX-42-positive cells in the substantia nigra after lipopolysaccharide microinfusion. <i>Neurochemistry International</i> , 2007, 51, 412-423.	1.9	20
4	Hormonal regulation of catechol-O-methyl transferase activity in women with uterine leiomyomas. <i>Fertility and Sterility</i> , 2006, 86, 259-262.	0.5	36
5	Reduced Membrane-Bound Catechol-O-Methyltransferase in the Liver of Spontaneously Hypertensive Rats. <i>Hypertension Research</i> , 2003, 26, 923-927.	1.5	30
6	The Enhanced Contractility of the Phospholamban-deficient Mouse Heart Persists with Aging. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 1031-1040.	0.9	61
7	Binding of Levosimendan, a Calcium Sensitizer, to Cardiac Troponin C. <i>Journal of Biological Chemistry</i> , 2001, 276, 9337-9343.	1.6	124
8	Conformations of the regulatory domain of cardiac troponin C examined by residual dipolar couplings. <i>FEBS Journal</i> , 2000, 267, 6665-6672.	0.2	21
9	Further Evidence for the Cardiac Troponin C Mediated Calcium Sensitization by Levosimendan: Structure-response and Binding Analysis with Analogs of Levosimendan. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 479-491.	0.9	86
10	Regulatory Role of Phospholamban in the Efficiency of Cardiac Sarcoplasmic Reticulum Ca ²⁺ Transportâ€. <i>Biochemistry</i> , 2000, 39, 14176-14182.	1.2	33
11	CATECHOL O-METHYLTRANSFERASE. , 1999, , 55-91.		5
12	Solution Structure and Main Chain Dynamics of the Regulatory Domain (Residues 1â€“91) of Human Cardiac Troponin C. <i>Journal of Biological Chemistry</i> , 1998, 273, 15633-15638.	1.6	38
13	Genetic polymorphism of catechol-O-methyltransferase (COMT): correlation of genotype with individual variation of S-COMT activity and comparison of the allele frequencies in the normal population and Parkinsonian patients in Finland. <i>Pharmacogenetics and Genomics</i> , 1997, 7, 65-71.	5.7	143
14	Expression and Intracellular Localization of Catechol O-methyltransferase in Transfected Mammalian Cells. <i>FEBS Journal</i> , 1997, 243, 452-459.	0.2	91
15	Purification methods of mammalian catechol-O-methyltransferases. <i>Biomedical Applications</i> , 1996, 684, 147-161.	1.7	25
16	Compensatory Mechanisms Associated With the Hyperdynamic Function of Phospholamban-Deficient Mouse Hearts. <i>Circulation Research</i> , 1996, 79, 1064-1076.	2.0	102
17	Opposite Effect of Ethanol on Recombinant Membrane-Bound and Soluble Activities of Catecholâ€“Oâ€“methyltransferase. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995, 77, 414-416.	0.0	5
18	Cloning, expression and structure of catechol-O-methyltransferase. <i>BBA - Proteins and Proteomics</i> , 1995, 1251, 1-10.	2.1	112

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19	Kinetics of Human Soluble and Membrane-Bound Catechol O-Methyltransferase: A Revised Mechanism and Description of the Thermolabile Variant of the Enzyme. <i>Biochemistry</i> , 1995, 34, 4202-4210.	1.2	1,075
20	Catechol-O-methyltransferase (COMT) in rat brain: immunoelectron microscopic study with an antiserum against rat recombinant COMT protein. <i>Neuroscience Letters</i> , 1995, 187, 57-60.	1.0	67
21	O-Methylation of L-dopa in Melanin Metabolism and the Presence of Catechol-O-Methyltransferase in Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 1994, 7, 403-408.	4.0	17
22	Aspartic proteinase from barley grains is related to mammalian lysosomal cathepsin D. <i>Planta</i> , 1992, 186, 317-23.	1.6	98
23	Expression of enzymatically active rat liver and human placental catechol-O-methyltransferase in <i>Escherichia coli</i> ; purification and partial characterization of the enzyme. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1129, 149-154.	2.4	37
24	Expression of recombinant soluble and membrane-bound catechol O-methyltransferase in eukaryotic cells and identification of the respective enzymes in rat brain. <i>FEBS Journal</i> , 1992, 207, 813-821.	0.2	44
25	Purification and partial sequence analysis of the soluble catechol-o-methyltransferase from human placenta: Comparison to the rat liver enzyme. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 995-1002.	1.0	26
26	Crystallization and preliminary X-ray investigation of a recombinant form of rat catecholO-methyltransferase. <i>Proteins: Structure, Function and Bioinformatics</i> , 1991, 11, 233-236.	1.5	22
27	Molecular cloning and characterization of rat liver catechol-O-methyltransferase. <i>Gene</i> , 1990, 93, 241-247.	1.0	114
28	Purification and partial characterization of rat liver soluble catechol-O-methyltransferase. <i>FEBS Letters</i> , 1990, 264, 95-99.	1.3	37