

Marcella Camici

List of Publications by Year in descending order

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papers

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1189
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Neurological Disorders of Purine and Pyrimidine Metabolism. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 923-947. | 2.1 | 92 |
| 2 | Metabolic Network of Nucleosides in the Brain. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 909-922. | 2.1 | 79 |
| 3 | Pediatric neurological syndromes and inborn errors of purine metabolism. <i>Neurochemistry International</i> , 2010, 56, 367-378. | 3.8 | 70 |
| 4 | Bovine Cytosolic 5â€²-Nucleotidase Acts through the Formation of an Aspartate 52-Phosphoenzyme Intermediate. <i>Journal of Biological Chemistry</i> , 2001, 276, 33526-33532. | 3.4 | 59 |
| 5 | Purine-Metabolising Enzymes and Apoptosis in Cancer. <i>Cancers</i> , 2019, 11, 1354. | 3.7 | 54 |
| 6 | The Inside Story of Adenosine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 784. | 4.1 | 52 |
| 7 | Cytosolic 5â€²-nucleotidase hyperactivity in erythrocytes of Leschâ€”Nyhan syndrome patients. <i>NeuroReport</i> , 2000, 11, 1827-1831. | 1.2 | 50 |
| 8 | Emerging Role of Purine Metabolizing Enzymes in Brain Function and Tumors. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3598. | 4.1 | 48 |
| 9 | Purine and pyrimidine nucleosides preserve human astrocytoma cell adenylate energy charge under ischemic conditions. <i>Neurochemistry International</i> , 2007, 50, 517-523. | 3.8 | 44 |
| 10 | Knockdown of cytosolic 5â€²-nucleotidase II (cN-II) reveals that its activity is essential for survival in astrocytoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1529-1535. | 4.1 | 39 |
| 11 | Interplay between adenylate metabolizing enzymes and AMPâ€”activated protein kinase. <i>FEBS Journal</i> , 2018, 285, 3337-3352. | 4.7 | 32 |
| 12 | Key role of uridine kinase and uridine phosphorylase in the homeostatic regulation of purine and pyrimidine salvage in brain. <i>Neurochemistry International</i> , 2007, 51, 517-523. | 3.8 | 29 |
| 13 | Metabolic Aspects of Adenosine Functions in the Brain. <i>Frontiers in Pharmacology</i> , 2021, 12, 672182. | 3.5 | 27 |
| 14 | Mechanistic studies on bovine cytosolic 5'-nucleotidase II, an enzyme belonging to the HAD superfamily. <i>FEBS Journal</i> , 2004, 271, 4881-4891. | 0.2 | 24 |
| 15 | Purine enzyme profile in human colon-carcinoma cell lines and differential sensitivity to deoxycoformycin and 2â€²-deoxyadenosine in combination. <i>International Journal of Cancer</i> , 1995, 62, 176-183. | 5.1 | 22 |
| 16 | Uptake and utilization of nucleosides for energy repletion. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 797-808. | 2.8 | 21 |
| 17 | Mechanism of the reaction catalysed by cytosolic 5â€²-nucleotidase/phosphotransferase: formation of a phosphorylated intermediate. <i>Biochemical Journal</i> , 1996, 317, 797-801. | 3.7 | 20 |
| 18 | Molecular mechanisms of nucleoside recycling in the brain. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 140-145. | 2.8 | 19 |

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|----|--|-----|-----------|
| 19 | Cytosolic 5â€™-Nucleotidase II Interacts with the Leucin Rich Repeat of NLR Family Member Ipaf. PLoS ONE, 2015, 10, e0121525. | 2.5 | 17 |
| 20 | Novel metabolic aspects related to adenosine deaminase inhibition in a human astrocytoma cell line. Neurochemistry International, 2012, 60, 523-532. | 3.8 | 15 |
| 21 | IMPâ€™-GMP specific cytosolic 5â€™-nucleotidase regulates nucleotide pool and prodrug metabolism. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1354-1361. | 2.4 | 15 |
| 22 | Cytosolic 5â€™-Nucleotidase II Silencing in a Human Lung Carcinoma Cell Line Opposes Cancer Phenotype with a Concomitant Increase in p53 Phosphorylation. International Journal of Molecular Sciences, 2018, 19, 2115. | 4.1 | 13 |
| 23 | Expression of Bovine Cytosolic 5â€™-Nucleotidase (cN-II) in Yeast: Nucleotide Pools Disturbance and Its Consequences on Growth and Homologous Recombination. PLoS ONE, 2013, 8, e63914. | 2.5 | 13 |
| 24 | Deoxyadenosine metabolism in a human colon-carcinoma cell line (LoVo) in relation to its cytotoxic effect in combination with deoxycoformycin. , 1998, 75, 713-720. | | 12 |
| 25 | 2?-Deoxyadenosine causes apoptotic cell death in a human colon carcinoma cell line. Journal of Biochemical and Molecular Toxicology, 2003, 17, 329-337. | 3.0 | 9 |
| 26 | The combination of adenosine deaminase inhibition and deoxyadenosine induces apoptosis in a human astrocytoma cell line. Neurochemistry International, 2015, 80, 14-22. | 3.8 | 9 |
| 27 | Cytosolic 5â€™-Nucleotidase II Is a Sensor of Energy Charge and Oxidative Stress: A Possible Function as Metabolic Regulator. Cells, 2021, 10, 182. | 4.1 | 6 |
| 28 | Evidence for a Cross-Talk Between Cytosolic 5â€™-Nucleotidases and AMP-Activated Protein Kinase. Frontiers in Pharmacology, 2020, 11, 609849. | 3.5 | 6 |
| 29 | Mitochondrial Damage and Apoptosis Induced by Adenosine Deaminase Inhibition and Deoxyadenosine in Human Neuroblastoma Cell Lines. Journal of Cellular Biochemistry, 2016, 117, 1671-1679. | 2.6 | 4 |
| 30 | Cytosolic 5â€™-Nucleotidase II Silencing in Lung Tumor Cells Regulates Metabolism through Activation of the p53/AMPK Signaling Pathway. International Journal of Molecular Sciences, 2021, 22, 7004. | 4.1 | 4 |