

Anna-Maria G Psarra

List of Publications by Year in descending order

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37
papers

1,011
citations

471061

17
h-index

433756

31
g-index

37
all docs

37
docs citations

37
times ranked

1653
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Glucocorticoids induce mitochondrial gene transcription in HepG2 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1814-1821. | 1.9 | 136 |
| 2 | Steroid and thyroid hormone receptors in mitochondria. <i>IUBMB Life</i> , 2008, 60, 210-223. | 1.5 | 94 |
| 3 | Synthesis and characterization of guanidynylated poly(propylene imine) dendrimers as gene transfection agents. <i>Journal of Controlled Release</i> , 2007, 117, 137-146. | 4.8 | 86 |
| 4 | Glucocorticoid receptors and other nuclear transcription factors in mitochondria and possible functions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 431-436. | 0.5 | 73 |
| 5 | Nuclear receptors and other nuclear transcription factors in mitochondria: Regulatory molecules in a new environment. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1-11. | 1.9 | 62 |
| 6 | Glucocorticoid receptor isoforms in human hepatocarcinoma HepG2 and SaOS-2 osteosarcoma cells: Presence of glucocorticoid receptor alpha in mitochondria and of glucocorticoid receptor beta in nucleoli. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2544-2558. | 1.2 | 56 |
| 7 | The In Vitro Impact of the Herbicide Roundup on Human Sperm Motility and Sperm Mitochondria. <i>Toxics</i> , 2018, 6, 2. | 1.6 | 46 |
| 8 | The "Hole Phenomenon" of Halogen Atoms Forms the Structural Basis of the Strong Inhibitory Potency of C5 Halogen Substituted Glucopyranosyl Nucleosides towards Glycogen Phosphorylase...b. <i>ChemMedChem</i> , 2012, 7, 722-732. | 1.6 | 41 |
| 9 | Glucocorticoid and Estrogen Receptors Are Reduced in Mitochondria of Lung Epithelial Cells in Asthma. <i>PLoS ONE</i> , 2012, 7, e39183. | 1.1 | 39 |
| 10 | Synthesis and evaluation of functional hyperbranched polyether polyols as prospected gene carriers. <i>International Journal of Pharmaceutics</i> , 2008, 356, 314-324. | 2.6 | 37 |
| 11 | Interaction of mitochondrial thioredoxin with glucocorticoid receptor and NF- κ B modulates glucocorticoid receptor and NF- κ B signalling in HEK-293 cells. <i>Biochemical Journal</i> , 2009, 422, 521-531. | 1.7 | 35 |
| 12 | Biochemical and biological assessment of the inhibitory potency of extracts from vinification byproducts of <i>Vitis vinifera</i> extracts against glycogen phosphorylase. <i>Food and Chemical Toxicology</i> , 2014, 67, 35-43. | 1.8 | 35 |
| 13 | A novel mutation of the <i>hGR</i> gene causing Chrousos syndrome. <i>European Journal of Clinical Investigation</i> , 2015, 45, 782-791. | 1.7 | 33 |
| 14 | Mitochondrial localization of glucocorticoid receptor in glial (Müller) cells in the salamander retina. <i>Glia</i> , 2003, 41, 38-49. | 2.5 | 25 |
| 15 | The binding of C5-alkynyl and alkylfurano[2,3-d]pyrimidine glucopyranonucleosides to glycogen phosphorylase b: Synthesis, biochemical and biological assessment. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 740-749. | 2.6 | 20 |
| 16 | Potential Dissociative Glucocorticoid Receptor Activity for Protopanaxadiol and Protopanaxatriol. <i>International Journal of Molecular Sciences</i> , 2019, 20, 94. | 1.8 | 19 |
| 17 | Functional characterization of the hGR ^{T556I} causing Chrousos syndrome. <i>European Journal of Clinical Investigation</i> , 2016, 46, 42-49. | 1.7 | 18 |
| 18 | Neurotoxic effects of aluminum are associated with its interference with estrogen receptors signaling. <i>NeuroToxicology</i> , 2020, 77, 114-126. | 1.4 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Glucopyranosylidene-spiro-imidazolinones, a New Ring System: Synthesis and Evaluation as Glycogen Phosphorylase Inhibitors by Enzyme Kinetics and X-ray Crystallography. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6116-6136. | 2.9 | 14 |
| 20 | The triterpene echinocystic acid and its 3-O-glucoside derivative are revealed as potent and selective glucocorticoid receptor agonists. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 277-287. | 1.2 | 13 |
| 21 | Synthetic flavonoid derivatives targeting the glycogen phosphorylase inhibitor site: QM/MM-PBSA motivated synthesis of substituted 5,7-dihydroxyflavones, crystallography, in vitro kinetics and ex-vivo cellular experiments reveal novel potent inhibitors. <i>Bioorganic Chemistry</i> , 2020, 102, 104003. | 2.0 | 13 |
| 22 | Anti-Apoptotic and Antioxidant Activities of the Mitochondrial Estrogen Receptor Beta in N2A Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7620. | 1.8 | 13 |
| 23 | Liposomes modify the subcellular distribution of sclareol uptake by HCT-116 cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 120-124. | 2.5 | 12 |
| 24 | Subcellular distribution of phosphorylase kinase in rat brain. Association of the enzyme with mitochondria and membranes. <i>International Journal of Biochemistry and Cell Biology</i> , 1996, 28, 29-42. | 1.2 | 10 |
| 25 | Boswellic acids and their derivatives as potent regulators of glucocorticoid receptor actions. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108656. | 1.4 | 10 |
| 26 | SNP Identification through Transcriptome Analysis of the European Brown Hare (<i>Lepus europaeus</i>): Cellular Energetics and Mother's Curse. <i>PLoS ONE</i> , 2016, 11, e0159939. | 1.1 | 9 |
| 27 | The Role of S-Palmitoylation of the Human Glucocorticoid Receptor (hGR) in Mediating the Nongenomic Glucocorticoid Actions. <i>Journal of Molecular Biochemistry</i> , 2017, 6, 3-12. | 0.1 | 8 |
| 28 | Affinity Crystallography Reveals Binding of Pomegranate Juice Anthocyanins at the Inhibitor Site of Glycogen Phosphorylase: The Contribution of a Sugar Moiety to Potency and Its Implications to the Binding Mode. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10191-10199. | 2.4 | 6 |
| 29 | Potential interference of aluminum chlorohydrate with estrogen receptor signaling in breast cancer cells. <i>Journal of Molecular Biochemistry</i> , 2018, 7, 1-13. | 0.1 | 6 |
| 30 | Proteomic analysis of the mitochondrial glucocorticoid receptor interacting proteins reveals pyruvate dehydrogenase and mitochondrial 60 kDa heat shock protein as potent binding partners. <i>Journal of Proteomics</i> , 2022, 257, 104509. | 1.2 | 6 |
| 31 | The architecture of hydrogen and sulfur π -hole interactions explain differences in the inhibitory potency of C- 12 -d-glucopyranosyl thiazoles, imidazoles and an N- 12 -d glucopyranosyl tetrazole for human liver glycogen phosphorylase and offer new insights to structure-based design. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115196. | 1.4 | 5 |
| 32 | Apoptotic, Anti-Inflammatory Activities and Interference with the Glucocorticoid Receptor Signaling of Fractions from <i>Pistacia lentiscus</i> L. var. <i>chia</i> Leaves. <i>Plants</i> , 2022, 11, 934. | 1.6 | 5 |
| 33 | Affinity Crystallography Reveals the Bioactive Compounds of Industrial Juicing Byproducts of <i>Punica granatum</i> for Glycogen Phosphorylase. <i>Current Drug Discovery Technologies</i> , 2018, 15, 41-53. | 0.6 | 4 |
| 34 | The druggability of the ATP binding site of glycogen phosphorylase kinase probed by coumarin analogues. <i>Current Research in Chemical Biology</i> , 2022, 2, 100022. | 1.4 | 4 |
| 35 | Structure activity relationship of the binding of p-coumaroyl glucose to glycogen phosphorylase and its effect on hepatic cell metabolic pathways. <i>European Journal of Medicinal Chemistry Reports</i> , 2021, 3, 100011. | 0.6 | 2 |
| 36 | Efficient Delivery of the A-Gamma Globin Gene in Human Hematopoietic and Non-Hematopoietic Cells by Cationic Phosphonolipid- and Lipophosphoramidate-Mediated Transfection.. <i>Blood</i> , 2007, 110, 5141-5141. | 0.6 | 0 |

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|----|---|-----|-----------|
| 37 | The Druggability of the ATP Binding Site of Glycogen Phosphorylase Kinase Probed by Coumarin Analogues. SSRN Electronic Journal, 0, , . | 0.4 | 0 |