Chiara Giacomelli

List of Publications by Year
in descending order

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53 papers	1,439 citations	318942 23 h-index	388640 36 g-index
53 all docs	53 docs citations	53 times ranked	2690 citing authors

#	Article	IF	Citations
1	Human Microglia Extracellular Vesicles Derived from Different Microglia Cell Lines: Similarities and Differences. ACS Omega, 2022, 7, 23127-23137.	1.6	4
2	Novel positive allosteric modulators of A_{2B} adenosine receptor acting as bone mineralisation promoters. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 287-295.	2.5	12
3	De novo Neurosteroidogenesis in Human Microglia: Involvement of the 18 kDa Translocator Protein. International Journal of Molecular Sciences, 2021, 22, 3115.	1.8	15
4	Allosterism vs. Orthosterism: Recent Findings and Future Perspectives on A2B AR Physio-Pathological Implications. Frontiers in Pharmacology, 2021, 12, 652121.	1.6	5
5	Cornus sanguinea Fruits: a Source of Antioxidant and Antisenescence Compounds Acting on Aged Human Dermal and Gingival Fibroblasts. Planta Medica, 2021, 87, 879-891.	0.7	5
6	Ruthenium(II) 1,4,7-trithiacyclononane complexes of curcumin and bisdemethoxycurcumin: Synthesis, characterization, and biological activity. Journal of Inorganic Biochemistry, 2021, 218, 111387.	1.5	5
7	Microglia extracellular vesicles: focus on molecular composition and biological function. Biochemical Society Transactions, 2021, 49, 1779-1790.	1.6	13
8	Advances in microglia cellular models: focus on extracellular vesicle production. Biochemical Society Transactions, 2021, 49, 1791-1802.	1.6	3
9	Pulmonary fibrosis from molecular mechanisms to therapeutic interventions: lessons from post-COVID-19 patients. Biochemical Pharmacology, 2021, 193, 114812.	2.0	40
10	Molecular insight on the altered membrane trafficking of TrkA kinase dead mutants. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118614.	1.9	15
11	High Adenosine Extracellular Levels Induce Glioblastoma Aggressive Traits Modulating the Mesenchymal Stromal Cell Secretome. International Journal of Molecular Sciences, 2020, 21, 7706.	1.8	11
12	Editorial: Physical Activity: Epigenetic and Metabolic Regulation of Brain Aging. Frontiers in Aging Neuroscience, 2020, 12, 195.	1.7	0
13	Antioxidant Activity of Compounds Isolated from Elaeagnus umbellata Promotes Human Gingival Fibroblast Well-Being. Journal of Natural Products, 2020, 83, 626-637.	1.5	9
14	The Ionophoric Activity of a Pro-Apoptotic VEGF165 Fragment on HUVEC Cells. International Journal of Molecular Sciences, 2020, 21, 2866.	1.8	5
15	Microglial Pro-Inflammatory and Anti-Inflammatory Phenotypes Are Modulated by Translocator Protein Activation. International Journal of Molecular Sciences, 2019, 20, 4467.	1.8	54
16	Long lasting inhibition of Mdm2-p53 interaction potentiates mesenchymal stem cell differentiation into osteoblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 737-749.	1.9	10
17	Angiogenin-mimetic peptide functionalised gold nanoparticles for cancer therapy applications. Microchemical Journal, 2018, 136, 157-163.	2.3	11
18	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. ACS Chemical Neuroscience, 2018, 9, 85-99.	1.7	22

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19	Novel fluorescent triazinobenzimidazole derivatives as probes for labelling human A1 and A2B adenosine receptor subtypes. Bioorganic and Medicinal Chemistry, 2018, 26, 5885-5895.	1.4	6
20	Brain ageing and neurodegenerative disease: The role of cellular waste management. Biochemical Pharmacology, 2018, 158, 207-216.	2.0	38
21	Cytokine secretion responsiveness of lymphomonocytes following cortisol cell exposure: Sex differences. PLoS ONE, 2018, 13, e0200924.	1.1	22
22	Epigenetic Modifications of theÎ±-Synuclein Gene and Relative Protein Content Are Affected by Ageing and Physical Exercise in Blood from Healthy Subjects. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	16
23	The A2B Adenosine Receptor Modulates the Epithelialâ€“ Mesenchymal Transition through the Balance of cAMP/PKA and MAPK/ERK Pathway Activation in Human Epithelial Lung Cells. Frontiers in Pharmacology, 2018, 9, 54.	1.6	60
24	Î±-Synuclein Aggregated with Tau and Î²-Amyloid in Human Platelets from Healthy Subjects: Correlation with Physical Exercise. Frontiers in Aging Neuroscience, 2018, 10, 17.	1.7	18
25	Î±-Synuclein Heterocomplexes with Î²-Amyloid Are Increased in Red Blood Cells of Parkinsonâ€™s Disease Patients and Correlate with Disease Severity. Frontiers in Molecular Neuroscience, 2018, 11, 53.	1.4	51
26	Negative effects of a high tumour necrosis factor-Î± concentration on human gingival mesenchymal stem cell trophism: the use of natural compounds as modulatory agents. Stem Cell Research and Therapy, 2018, 9, 135.	2.4	15
27	Osteogenesis Is Improved by Low Tumor Necrosis Factor Alpha Concentration through the Modulation of Gs-Coupled Receptor Signals. Molecular and Cellular Biology, 2017, 37, .	1.1	25
28	Potential biomarkers and novel pharmacological targets in protein aggregation-related neurodegenerative diseases. Biochemical Pharmacology, 2017, 131, 1-15.	2.0	42
29	Bifunctional Inhibitors as a New Tool To Reduce Cancer Cell Invasion by Impairing MMP-9 Homodimerization. ACS Medicinal Chemistry Letters, 2017, 8, 293-298.	1.3	13
30	Dual MET and SMO Negative Modulators Overcome Resistance to EGFR Inhibitors in Human Nonsmall Cell Lung Cancer. Journal of Medicinal Chemistry, 2017, 60, 7447-7458.	2.9	25
31	Carnosol controls the human glioblastoma stemness features through the epithelial-mesenchymal transition modulation and the induction of cancer stem cell apoptosis. Scientific Reports, 2017, 7, 15174.	1.6	37
32	Dual Inhibition of PDK1 and Aurora Kinase A: An Effective Strategy to Induce Differentiation and Apoptosis of Human Glioblastoma Multiforme Stem Cells. ACS Chemical Neuroscience, 2017, 8, 100-114.	1.7	45
33	TSPO PIGA Ligands Promote Neurosteroidogenesis and Human Astrocyte Well-Being. International Journal of Molecular Sciences, 2016, 17, 1028.	1.8	32
34	4-amino-6-alkyloxy-2-alkylthiopyrimidine derivatives as novel non-nucleoside agonists for the adenosine A1receptor. Chemical Biology and Drug Design, 2016, 88, 724-729.	1.5	7
35	TSPO ligand residence time: a new parameter to predict compound neurosteroidogenic efficacy. Scientific Reports, 2016, 6, 18164.	1.6	53
36	Toward PET imaging of A2B adenosine receptors: a carbon-11 labeled triazinobenzimidazole tracer. Nuclear Medicine and Biology, 2016, 43, 309-317.	0.3	10

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37	New insights into the anticancer activity of carnosol: p53 reactivation in the U87MG human glioblastoma cell line. International Journal of Biochemistry and Cell Biology, 2016, 74, 95-108.	1.2	29
38	Copper binding to naturally occurring, lactam form of angiogenin differs from that to recombinant protein, affecting their activity. Metallomics, 2016, 8, 118-124.	1.0	20
39	Intracellular Bioinorganic Chemistry and Cross Talk Among Different -Omics. Current Topics in Medicinal Chemistry, 2016, 16, 3103-3130.	1.0	28
40	Lactate dehydrogenase-A inhibition induces human glioblastoma multiforme stem cell differentiation and death. Scientific Reports, 2015, 5, 15556.	1.6	60
41	Targeting the 18-kDa translocator protein: recent perspectives for neuroprotection. Biochemical Society Transactions, 2015, 43, 559-565.	1.6	32
42	â™¦Copper (II) ions modulate Angiogenin activity in human endothelial cells. International Journal of Biochemistry and Cell Biology, 2015, 60, 185-196.	1.2	51
43	TSPO ligand residence time influences human glioblastoma multiforme cell death/life balance. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 383-398.	2.2	22
44	Deepening the Topology of the Translocator Protein Binding Site by Novel N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. Journal of Medicinal Chemistry, 2015, 58, 6081-6092.	2.9	31
45	Further studies on pyrazolo[1â€²,5â€²:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as potent and selective human A1 adenosine receptor antagonists. European Journal of Medicinal Chemistry, 2015, 89, 32-41.	2.6	14
46	p53 Functional Inhibitors Behaving Like Pifithrin-Î² Counteract the Alzheimer Peptide Non-Î²-amyloid Component Effects in Human SH-SY5Y Cells. ACS Chemical Neuroscience, 2014, 5, 390-399.	1.7	34
47	Osteoblast differentiation and survival: A role for A2B adenosine receptor allosteric modulators. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2957-2966.	1.9	34
48	Allosteric modulators of human A2B adenosine receptor. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1194-1203.	1.1	27
49	Apoptosis Therapy in Cancer: The First Single-molecule Co-activating p53 and the Translocator Protein in Glioblastoma. Scientific Reports, 2014, 4, 4749.	1.6	62
50	Modulation of A2B adenosine receptor by 1-Benzyl-3-ketoindole derivatives. European Journal of Medicinal Chemistry, 2013, 69, 331-337.	2.6	28
51	A new D2 dopamine receptor agonist allosterically modulates A2A adenosine receptor signalling by interacting with the A2A/D2 receptor heteromer. Cellular Signalling, 2012, 24, 951-960.	1.7	16
52	New Pyrazolo[1',5':1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones Fluoroderivatives as Human A1 Adenosine Receptor Ligands. Acta Chimica Slovenica, 2012, 59, 648-55.	0.2	2
53	Discovery of N-Hydroxyindole-Based Inhibitors of Human Lactate Dehydrogenase Isoform A (LDH-A) as Starvation Agents against Cancer Cells. Journal of Medicinal Chemistry, 2011, 54, 1599-1612.	2.9	195