

# Alessandra Pani

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,724  
citations

279798

23  
h-index

276875

41  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycyrrhizic acid inhibits virus growth and inactivates virus particles. <i>Nature</i> , 1979, 281, 689-690.	27.8	450
2	Pyrazole-related nucleosides. Synthesis and antiviral/antitumor activity of some substituted pyrazole and pyrazolo[4,3-d]-1,2,3-triazin-4-one nucleosides. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 917-924.	6.4	101
3	2,6-Bis(3,4,5-trihydroxybenzylidene) derivatives of cyclohexanone. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 199-215.	3.0	76
4	Cholesterol esters as growth regulators of lymphocytic leukaemia cells. <i>Cell Proliferation</i> , 2011, 44, 360-371.	5.3	69
5	Synthesis, Biological Evaluation, and Binding Mode of Novel 1-[2-(Diarylmethoxy)ethyl]-2-methyl-5-nitroimidazoles Targeted at the HIV-1 Reverse Transcriptase. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1567-1576.	6.4	65
6	Cholesterol homeostasis: a key to prevent or slow down neurodegeneration. <i>Frontiers in Physiology</i> , 2012, 3, 486.	2.8	62
7	Prion Seeding Activities of Mouse Scrapie Strains with Divergent PrP <sup>Sc</sup> Protease Sensitivities and Amyloid Plaque Content Using RT-QuIC and eQuIC. <i>PLoS ONE</i> , 2012, 7, e48969.	2.5	51
8	Derivatives of the New Ring System Indolo[1,2- <i>c</i> ]benzo[1,2,3]triazine with Potent Antitumor and Antimicrobial Activity. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 2561-2568.	6.4	50
9	Altered Cholesterol Ester Cycle in Skin Fibroblasts from Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 829-841.	2.6	47
10	Antiviral activity of glycyrrhizic acid. <i>Experientia</i> , 1980, 36, 304-304.	1.2	46
11	Antitumor Agents. 1. Synthesis, Biological Evaluation, and Molecular Modeling of 5H-Pyrido[3,2- <i>a</i> ]phenoxazin-5-one, a Compound with Potent Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5205-5216.	6.4	46
12	Structure-Based Design, Parallel Synthesis, Structure-Activity Relationship, and Molecular Modeling Studies of Thiocarbamates, New Potent Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitor Isosteres of Phenethylthiazolylthiourea Derivatives. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3858-3873.	6.4	44
13	Accumulation of neutral lipids in peripheral blood mononuclear cells as a distinctive trait of Alzheimer patients and asymptomatic subjects at risk of disease. <i>BMC Medicine</i> , 2009, 7, 66.	5.5	43
14	Mixed-1,10-phenanthroline-Cu(II) complexes: Synthesis, cytotoxic activity versus hematological and solid tumor cells and complex formation equilibria with glutathione. <i>Journal of Inorganic Biochemistry</i> , 2012, 114, 28-37.	3.5	41
15	Design, Synthesis, SAR, and Molecular Modeling Studies of Acylthiocarbamates: A Novel Series of Potent Non-nucleoside HIV-1 Reverse Transcriptase Inhibitors Structurally Related to Phenethylthiazolylthiourea Derivatives. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 768-781.	6.4	39
16	6-Aryl-2,4-dioxo-5-hexenoic acids, novel integrase inhibitors active against HIV-1 multiplication in cell-based assays. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1745-1749.	2.2	32
17	Novel copper(II) complexes as new promising antitumour agents. A crystal structure of [Cu(1,10-phenanthroline-5,6-dione) 2 (OH 2)(OCIO 3)](ClO 4). <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 103-113.	3.5	32
18	Role of cholesterol synthesis and esterification in the growth of CEM and MOLT4 lymphoblastic cells. <i>Biochemical Journal</i> , 1997, 321, 603-608.	3.7	29

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19	Synthesis and antimicrobial activity of new 3-(1-R-3(5)-methyl-4-nitroso-1H-5(3)-pyrazolyl)-5-methylisoxazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 2719-2728.	3.0	29
20	Development and validation of a general approach to predict and quantify the synergism of anti-cancer drugs using experimental design and artificial neural networks. <i>Talanta</i> , 2013, 115, 84-93.	5.5	28
21	Design, synthesis and antiproliferative activity of methyl 4-Iodo-1- $\beta$ -D-ribofuranosyl-pyrazole-3-carboxylate and related compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 1279-1284.	2.2	26
22	Synthesis and antiproliferative activity of basic thioanalogues of merbarone. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2575-2589.	3.0	24
23	Changes in cholesterol metabolism-related gene expression in peripheral blood mononuclear cells from Alzheimer patients. <i>Lipids in Health and Disease</i> , 2012, 11, 39.	3.0	24
24	Phthalein Derivatives as a New Tool for Selectivity in Thymidylate Synthase Inhibition. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 2112-2124.	6.4	23
25	Antiprion Activity of Cholesterol Esterification Modulators: a Comparative Study Using Ex Vivo Sheep Fibroblasts and Lymphocytes and Mouse Neuroblastoma Cell Lines. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4141-4147.	3.2	23
26	Mixed copper-platinum complex formation could explain synergistic antiproliferative effect exhibited by binary mixtures of cisplatin and copper-1,10-phenanthroline compounds: An ESI-MS study. <i>Journal of Inorganic Biochemistry</i> , 2015, 151, 107-114.	3.5	23
27	Novel coumarins and related copper complexes with biological activity: DNA binding, molecular docking and in vitro antiproliferative activity. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 101-109.	3.5	20
28	Altered Proteolysis in Fibroblasts of Alzheimer Patients with Predictive Implications for Subjects at Risk of Disease. <i>International Journal of Alzheimer's Disease</i> , 2014, 2014, 1-8.	2.0	18
29	6-alkyl-2-hethoxy-4-(3h)-pyrimidinones in the transformation of pyrimidines: regiospecific preparation, antitumor and antimicrobial activity of 4-O-acylated pyrimidine derivatives. New agents for selective acylation of amines. <i>Tetrahedron Letters</i> , 1988, 29, 2741-2744.	1.4	17
30	2-Triazenopyrroles: synthesis and biological activity. <i>European Journal of Medicinal Chemistry</i> , 1999, 34, 353-360.	5.5	15
31	Cholesterol, Alzheimers Disease, Prion Disorders: A menage a trois?. <i>Current Drug Targets</i> , 2010, 11, 1018-1031.	2.1	15
32	Intra- and Intercellular Distribution of Mitochondrial Probes and Changes after Treatment with MDR Modulators. <i>IUBMB Life</i> , 2001, 51, 121-126.	3.4	14
33	Peptide T-araC conjugates: solid-phase synthesis and biological activity of N 4 -(acylpeptidyl)-araC. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 539-547.	3.0	13
34	Glucose-6-phosphate-dehydrogenase Deficiency as a Risk Factor for Pterygium. , 2010, 51, 2928.		12
35	Pyrazole Related Nucleosides 5. <sup>1</sup> Synthesis and Biological Activity of 2-Deoxy-2,3-dideoxy- and Acyclo-analogues of 4-Iodo-1- $\beta$ -D-ribofuranosyl-3-carboxymethyl Pyrazole (IPCAR). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000, 19, 705-722.	1.1	10
36	1H NMR brain metabonomics of scrapie exposed sheep. <i>Molecular BioSystems</i> , 2015, 11, 2008-2016.	2.9	9

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37	Cisplatin, glutathione and the third wheel: a copper-(1,10-phenanthroline) complex modulates cisplatin-GSH interactions from antagonism to synergism in cancer cells resistant to cisplatin. <i>RSC Advances</i> , 2019, 9, 5362-5376.	3.6	9
38	Modulatory effect of N-acetyl-L-cysteine on the HIV-1 multiplication in chronically and acutely infected cell lines. <i>Antiviral Research</i> , 1993, 22, 31-43.	4.1	8
39	Antiviral Agents: Synthesis of Furylpyrimidinones and Evaluation of Their Cytostatic and Antiviral	4.1	7
40	Accumulation and aberrant composition of cholesteryl esters in Scrapie-infected N2a cells and C57BL/6 mouse brains. <i>Lipids in Health and Disease</i> , 2011, 10, 132.	3.0	6
41	Mass spectrometric discrimination of phospholipid patterns in cisplatin-resistant and -sensitive cancer cells. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 97-106.	1.5	6
42	Cholesterol Metabolism in Brain and Skin Fibroblasts from Sarda Breed Sheep With Scrapie-resistant and Scrapie-susceptible Genotypes. <i>American Journal of Infectious Diseases</i> , 2007, 3, 142-150.	0.2	6
43	Accumulation of Cholesterol Esters in ex vivo Lymphocytes from Scrapie-susceptible Sheep and in Scrapie-infected Mouse Neuroblastoma Cell Lines. <i>American Journal of Infectious Diseases</i> , 2007, 3, 165-168.	0.2	6
44	In vitro synergistic anti-prion effect of cholesterol ester modulators in combination with chlorpromazine and quinacrine. <i>Open Life Sciences</i> , 2010, 5, 151-165.	1.4	3
45	ACAT-1, Cav-1 and PrP expression in scrapie susceptible and resistant sheep. <i>Open Life Sciences</i> , 2010, 5, 31-37.	1.4	3
46	Lipid profiles in brains from sheep with natural scrapie. <i>Chemistry and Physics of Lipids</i> , 2013, 175-176, 33-40.	3.2	3
47	Comparative Efficacy of Nucleoside Analogues Against African Swine Fever Virus "in Vitro". <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1989, 8, 1147-1151.	1.1	1
48	In vitro synergistic anti-prion effect of cholesterol ester modulators. <i>Nature Precedings</i> , 2009, , .	0.1	0
49	Cholesterol, Alzheimer's Disease, Prion Disorders: A menage a trois?. <i>Current Drug Targets</i> , 2010, 999, 1-14.	2.1	0
50	Systemic alteration of Cholesterol Homeostasis in experimental and natural scrapie. <i>Journal of Antivirals &amp; Antiretrovirals</i> , 2011, 02, .	0.1	0