Mayra Paolillo

List of Publications by Year
in descending order

42 papers	1,631 citations	331670 21 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	2750 citing authors

#	Article	IF	Citations
1	Preparation of Non-Toxic Fluorescent Peptide-Coated Silica/PEG Nanoparticles from Peptide-Block Copolymer Conjugates. Micro, 2022, 2, 240-256.	2.0	2
2	Silk Fibroin Nanoparticle Functionalization with Arg-Gly-Asp Cyclopentapeptide Promotes Active Targeting for Tumor Site-Specific Delivery. Cancers, 2021, 13, 1185.	3.7	17
3	In Vitro Glioblastoma Models: A Journey into the Third Dimension. Cancers, 2021, 13, 2449.	3.7	27
4	Fostering â€œEducationâ€• Do Extracellular Vesicles Exploit Their Own Delivery Code?. Cells, 2021, 10, 1741.	4.1	3
5	Berberine Photo-Activation Potentiates Cytotoxicity in Human Astrocytoma Cells through Apoptosis Induction. Journal of Personalized Medicine, 2021, 11, 942.	2.5	8
6	Development of Artificial Plasma Membranes Derived Nanovesicles Suitable for Drugs Encapsulation. Cells, 2020, 9, 1626.	4.1	15
7	Integrin-Targeting Dye-Doped PEG-Shell/Silica-Core Nanoparticles Mimicking the Proapoptotic Smac/DIABLO Protein. Nanomaterials, 2020, 10, 1211.	4.1	4
8	Extracellular Matrix Alterations in Metastatic Processes. International Journal of Molecular Sciences, 2019, 20, 4947.	4.1	225
9	A new millifluidic-based gastrointestinal platform to evaluate the effect of simulated dietary methylglyoxal intakes. Food and Function, 2019, 10, 4330-4338.	4.6	12
10	The Importance of Detail: How Differences in Ligand Structures Determine Distinct Functional Responses in Integrin Î± v Î² 3. Chemistry - A European Journal, 2019, 25, 5959-5970.	3.3	10
11	Stem-like Cancer Cells in a Dynamic 3D Culture System: A Model to Study Metastatic Cell Adhesion and Anti-cancer Drugs. Cells, 2019, 8, 1434.	4.1	27
12	A dimeric bicyclic RGD ligand displays enhanced integrin binding affinity and strong biological effects on U-373 MG glioblastoma cells. Organic and Biomolecular Chemistry, 2019, 17, 8913-8917.	2.8	4
13	An RGD small-molecule integrin antagonist induces detachment-mediated anoikis in glioma cancer stem cells. International Journal of Oncology, 2018, 53, 2683-2694.	3.3	15
14	Identification of dual Sigma1 receptor modulators/acetylcholinesterase inhibitors with antioxidant and neurotrophic properties, as neuroprotective agents. European Journal of Medicinal Chemistry, 2018, 158, 353-370.	5.5	14
15	Glioblastoma under Siege: An Overview of Current Therapeutic Strategies. Brain Sciences, 2018, 8, 15.	2.3	104
16	Sigma Receptors as Endoplasmic Reticulum Stress â€œGatekeepersâ€•and their Modulators as Emerging New Weapons in the Fight Against Cancer. Frontiers in Pharmacology, 2018, 9, 711.	3.5	53
17	Integrins and Exosomes, a Dangerous Liaison in Cancer Progression. Cancers, 2017, 9, 95.	3.7	96
18	Synthesis and biological evaluation of new aryl-alkyl(alkenyl)-4-benzylpiperidines, novel Sigma Receptor (SR) modulators, as potential anticancer-agents. European Journal of Medicinal Chemistry, 2016, 124, 649-665.	5.5	32

#	Article	IF	Citations
19	Integrins in glioblastoma: Still an attractive target?. Pharmacological Research, 2016, 113, 55-61.	7.1	82
20	Cyclic isoDGR and RGD Peptidomimetics Containing Bifunctional Diketopiperazine Scaffolds are Integrin Antagonists. Chemistry - A European Journal, 2015, 21, 6265-6271.	3.3	33
21	Isolation and characterization of the alkaloid Nitidine responsible for the traditional use of Phyllanthus muellerianus (Kuntze) Excell stem bark against bacterial infections. Journal of Pharmaceutical and Biomedical Analysis, 2015, 105, 115-120.	2.8	22
22	Brain infiltration by cancer cells: different roads to the same target?. Journal of Cancer Metastasis and Treatment, 2015, .	0.8	3
23	Effects of a novel cyclic RGD peptidomimetic on cell proliferation, migration and angiogenic activity in human endothelial cells. Vascular Cell, 2014, 6, 11.	0.2	13
24	A small-molecule RGD-integrin antagonist inhibits cell adhesion, cell migration and induces anoikis in glioblastoma cells. International Journal of Oncology, 2013, 42, 83-92.	3.3	63
25	Endothelin B receptor antagonists block proliferation and induce apoptosis in glioma cells. Pharmacological Research, 2010, 61, 306-315.	7.1	24
26	Gene Expression Analysis of anEGFRIndirectly Related Pathway IdentifiedPTENandMMP9as Reliable Diagnostic Markers for Human Glial Tumor Specimens. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-12.	3.0	14
27	Small Molecule Integrin Antagonists in Cancer Therapy. Mini-Reviews in Medicinal Chemistry, 2009, 9, 1439-1446.	2.4	50
28	Therapeutic Targeting of G-Protein Coupled Receptor-Mediated Epidermal Growth Factor Receptor Transactivation in Human Glioma Brain Tumors. Mini-Reviews in Medicinal Chemistry, 2008, 8, 1418-1428.	2.4	4
29	Expression of endothelins and their receptors in glioblastoma cell lines. Journal of Neuro-Oncology, 2006, 79, 1-7.	2.9	11
30	5-HT7 Receptors Modulate Peristalsis and Accommodation in the Guinea Pig Ileum. Gastroenterology, 2005, 129, 1557-1566.	1.3	66
31	Stimulation of Endothelin B Receptors in Astrocytes Induces cAMP Response Element-Binding Protein Phosphorylation andc-fosExpression Via Multiple Mitogen-Activated Protein Kinase Signaling Pathways. Journal of Neuroscience, 2001, 21, 8842-8853.	3.6	88
32	cAMP-dependent Protein Kinase Induces cAMP-response Element-binding Protein Phosphorylation via an Intracellular Calcium Release/ERK-dependent Pathway in Striatal Neurons. Journal of Biological Chemistry, 2001, 276, 11487-11495.	3.4	149
33	The Type and the Localization of cAMP-dependent Protein Kinase Regulate Transmission of cAMP Signals to the Nucleus in Cortical and Cerebellar Granule Cells. Journal of Biological Chemistry, 1999, 274, 6546-6552.	3.4	34
34	Pharmacological and molecular evidence for dopamine D1 receptor expression by striatal astrocytes in culture. , 1999, 58, 544-552.		70
35	Potentiation of dopamine-induced cAMP formation by group I metabotropic glutamate receptors via protein kinase C in cultured striatal neurons. European Journal of Neuroscience, 1998, 10, 1937-1945.	2.6	26
36	Coexpression of phospholipase A2 isoforms in rat striatal astrocytes. Neuroscience Letters, 1998, 247, 83-86.	2.1	29

#	Article	IF	Citations
37	Oxidative metabolism in cultured fibroblasts derived from sporadic Alzheimer's disease (AD) patients. Neuroscience Letters, 1997, 236, 13-16.	2.1	76
38	The Differential Response of Protein Kinase A to Cyclic AMP in Discrete Brain Areas Correlates with the Abundance of Regulatory Subunit II. Journal of Neurochemistry, 1996, 66, 1752-1761.	3.9	45
39	Modulation of dopamine-induced cAMP production in rat striatal cultures by the calcium ionophore A23187 and by phorbol-12-myristate-13-acetate. Molecular Brain Research, 1994, 21, 162-166.	2.3	8
40	Opposing Actions of D₁ and D₂â€Dopamine Receptors on Arachidonic Acid Release and Cyclic AMP Production in Striatal Neurons. Journal of Neurochemistry, 1994, 62, 944-949.	3.9	43
41	Measurement of 5-hydroxytryptamine and 5-hydroxyindoleacetic acid in cultured rat mesencephalic neurons by high-performance liquid chromatography with electrochemical detection. Biomedical Applications, 1993, 613, 231-237.	1.7	2
42	Dopamine Synthesis, Uptake and Metabolism in Embryonic Rat Mesencephalic Cultures. Pharmacological Research, 1993, 28, 265.	7.1	8