

Monica Lupi

List of Publications by Year in descending order

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62
papers

1,570
citations

304368

22
h-index

344852

36
g-index

63
all docs

63
docs citations

63
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined inhibition of Chk1 and Wee1: In vitro synergistic effect translates to tumor growth inhibition in vivo. <i>Cell Cycle</i> , 2012, 11, 2507-2517.	1.3	110
2	Induction of miR-21 by Retinoic Acid in Estrogen Receptor-positive Breast Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 4027-4042.	1.6	82
3	Mitochondrial dysfunction and death in motor neurons exposed to the glutathione-depleting agent ethacrynic acid. <i>Journal of the Neurological Sciences</i> , 2003, 207, 51-58.	0.3	81
4	Cell cycle effects of gemcitabine. <i>International Journal of Cancer</i> , 2001, 93, 401-408.	2.3	73
5	Low levels of ALS-linked Cu/Zn superoxide dismutase increase the production of reactive oxygen species and cause mitochondrial damage and death in motor neuron-like cells. <i>Journal of the Neurological Sciences</i> , 2005, 232, 95-103.	0.3	68
6	Cellular and molecular determinants of all-trans retinoic acid sensitivity in breast cancer: Luminal phenotype and RAR expression. <i>EMBO Molecular Medicine</i> , 2015, 7, 950-972.	3.3	60
7	Combined inhibition of Chk1 and Wee1 as a new therapeutic strategy for mantle cell lymphoma. <i>Oncotarget</i> , 2015, 6, 3394-3408.	0.8	56
8	Investigation of size, surface charge, PEGylation degree and concentration on the cellular uptake of polymer nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 639-647.	2.5	50
9	Chemotherapeutic activity of silymarin combined with doxorubicin or paclitaxel in sensitive and multidrug-resistant colon cancer cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 67, 369-379.	1.1	48
10	Synthesis of surfactant free PCL-PEG brushed nanoparticles with tunable degradation kinetics. <i>International Journal of Pharmaceutics</i> , 2013, 453, 551-559.	2.6	45
11	Base excision repair-mediated resistance to cisplatin in KRAS(G12C) mutant NSCLC cells. <i>Oncotarget</i> , 2015, 6, 30072-30087.	0.8	43
12	The Molecular Assembly of Amyloid A ² Controls Its Neurotoxicity and Binding to Cellular Proteins. <i>PLoS ONE</i> , 2011, 6, e24909.	1.1	39
13	Chk1-Mad2 interaction. <i>Cell Cycle</i> , 2013, 12, 1083-1090.	1.3	38
14	MicroRNA networks regulated by all-trans retinoic acid and Lapatinib control the growth, survival and motility of breast cancer cells. <i>Oncotarget</i> , 2015, 6, 13176-13200.	0.8	33
15	PEGylated Nanoparticles Obtained through Emulsion Polymerization as Paclitaxel Carriers. <i>Molecular Pharmaceutics</i> , 2016, 13, 40-46.	2.3	31
16	Heterogeneous cell response to topotecan in a CFSE-based proliferation test. <i>Cytometry</i> , 2004, 62A, 118-128.	1.8	30
17	Cytostatic and Cytotoxic Effects of Topotecan Decoded by a Novel Mathematical Simulation Approach. <i>Cancer Research</i> , 2004, 64, 2825-2832.	0.4	30
18	Biocompatible fluorescent nanoparticles for in vivo stem cell tracking. <i>Nanotechnology</i> , 2013, 24, 245603.	1.3	29

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19	Benzylidenetetralones, cyclic chalcone analogues, induce cell cycle arrest and apoptosis in HCT116 colorectal cancer cells. <i>Tumor Biology</i> , 2014, 35, 9967-9975.	0.8	27
20	DNA Damage Response Inhibitor Combinations Exert Synergistic Antitumor Activity in Aggressive B-Cell Lymphomas. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 1255-1264.	1.9	27
21	Human Axonal Survival of Motor Neuron (α -SMN) Protein Stimulates Axon Growth, Cell Motility, C-C Motif Ligand 2 (CCL2), and Insulin-like Growth Factor-1 (IGF1) Production. <i>Journal of Biological Chemistry</i> , 2012, 287, 25782-25794.	1.6	26
22	Quantitative Assessment of the Complex Dynamics of G1, S, and G2-M Checkpoint Activities. <i>Cancer Research</i> , 2009, 69, 5234-5240.	0.4	25
23	Poly(HPMA)-based copolymers with biodegradable side chains able to self assemble into nanoparticles. <i>RSC Advances</i> , 2017, 7, 50981-50992.	1.7	24
24	Neurodegeneration induced by complex I inhibition in a cellular model of familial amyotrophic lateral sclerosis. <i>Brain Research Bulletin</i> , 2006, 69, 465-474.	1.4	23
25	Interpreting cell cycle effects of drugs: the case of melphalan. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 57, 443-457.	1.1	23
26	A biodistribution study of PEGylated PCL-based nanoparticles in C57BL/6 mice bearing B16/F10 melanoma. <i>Nanotechnology</i> , 2014, 25, 335706.	1.3	22
27	In Vitro and In Vivo Activity of Lucitanib in FGFR1/2 Amplified or Mutated Cancer Models. <i>Neoplasia</i> , 2017, 19, 35-42.	2.3	21
28	ActivinA: a new leukemia-promoting factor conferring migratory advantage to B-cell precursor-acute lymphoblastic leukemic cells. <i>Haematologica</i> , 2019, 104, 533-545.	1.7	21
29	Characterization of a mantle cell lymphoma cell line resistant to the Chk1 inhibitor PF-00477736. <i>Oncotarget</i> , 2015, 6, 37229-37240.	0.8	21
30	Different metabolic responses to PI3K inhibition in NSCLC cells harboring wild-type and G12C mutant KRAS. <i>Oncotarget</i> , 2016, 7, 51462-51472.	0.8	21
31	The Contribution of p53 in the Dynamics of Cell Cycle Response to DNA Damage Interpreted by a Mathematical Model. <i>Cell Cycle</i> , 2007, 6, 943-950.	1.3	20
32	Identification of PLK1 as a New Therapeutic Target in Mucinous Ovarian Carcinoma. <i>Cancers</i> , 2020, 12, 672.	1.7	20
33	Integrated multiplatform method for <i>in vitro</i> quantitative assessment of cellular uptake for fluorescent polymer nanoparticles. <i>Nanotechnology</i> , 2014, 25, 045102.	1.3	19
34	Fate of PLA and PCL-Based Polymeric Nanocarriers in Cellular and Animal Models of Triple-Negative Breast Cancer. <i>Biomacromolecules</i> , 2016, 17, 744-755.	2.6	19
35	Glutaminase Inhibition on NSCLC Depends on Extracellular Alanine Exploitation. <i>Cells</i> , 2020, 9, 1766.	1.8	19
36	S100A3 a partner protein regulating the stability/activity of RAR α and PML-RAR α in cellular models of breast/lung cancer and acute myeloid leukemia. <i>Oncogene</i> , 2019, 38, 2482-2500.	2.6	18

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37	All-Trans Retinoic Acid Stimulates Viral Mimicry, Interferon Responses and Antigen Presentation in Breast-Cancer Cells. <i>Cancers</i> , 2020, 12, 1169.	1.7	15
38	Synthesis and characterization of pH-sensitive drinkable nanoparticles for oral delivery of ibuprofen. <i>Nanotechnology</i> , 2018, 29, 225604.	1.3	14
39	PGC1 α Expression Predicts Therapeutic Response to Oxidative Phosphorylation Inhibition in Ovarian Cancer. <i>Cancer Research</i> , 2022, 82, 1423-1434.	0.4	14
40	Trypsinogen 4 boosts tumor endothelial cells migration through proteolysis of tissue factor pathway inhibitor-2. <i>Oncotarget</i> , 2015, 6, 28389-28400.	0.8	13
41	Cytotoxicity of PMMA-Based Nanoparticles Synthesized Adopting SDS and Tween 80. <i>Macromolecular Symposia</i> , 2013, 324, 134-139.	0.4	12
42	Dynamic Rendering of the Heterogeneous Cell Response to Anticancer Treatments. <i>PLoS Computational Biology</i> , 2013, 9, e1003293.	1.5	12
43	Magnetic domain wall tweezers: a new tool for mechanobiology studies on individual target cells. <i>Lab on A Chip</i> , 2016, 16, 2882-2890.	3.1	12
44	Tetracycline-regulated gene expression in the NSC-34-tTA cell line for investigation of motor neuron diseases. <i>Molecular Brain Research</i> , 2005, 140, 63-72.	2.5	11
45	Interoperability of time series cytometric data: A cross platform approach for modeling tumor heterogeneity. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 214-226.	1.1	11
46	Role of mitochondria and cardiolipins in growth inhibition of breast cancer cells by retinoic acid. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 436.	3.5	11
47	A Methyl Methacrylate-HEMA-CL Copolymerization Investigation: From Kinetics to Bioapplications. <i>Macromolecular Bioscience</i> , 2013, 13, 1347-1357.	2.1	10
48	Small interfering RNA delivery through positively charged polymer nanoparticles. <i>Nanotechnology</i> , 2016, 27, 125102.	1.3	10
49	Combinations of ATR, Chk1 and Wee1 Inhibitors with Olaparib Are Active in Olaparib Resistant Brca1 Proficient and Deficient Murine Ovarian Cells. <i>Cancers</i> , 2022, 14, 1807.	1.7	10
50	Timing the changes of cyclin E cell content in G1 in exponentially growing cells. <i>Experimental Cell Research</i> , 2003, 288, 158-167.	1.2	9
51	Self-Assembling PCL-Based Nanoparticles as PTX Solubility Enhancer Excipients. <i>Macromolecular Bioscience</i> , 2018, 18, e1800164.	2.1	9
52	Epithelioid Pleural Mesothelioma Is Characterized by Tertiary Lymphoid Structures in Long Survivors: Results from the MATCH Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5786.	1.8	9
53	Combining Ibrutinib with Chk1 Inhibitors Synergistically Targets Mantle Cell Lymphoma Cell Lines. <i>Targeted Oncology</i> , 2018, 13, 235-245.	1.7	8
54	Integrated experimental and simulation study of the response to sequential treatment with erlotinib and gemcitabine in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 15492-15506.	0.8	8

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55	Variability in the timing of G1/S transition. <i>Mathematical Biosciences</i> , 2002, 177-178, 85-101.	0.9	6
56	Preformed Biodegradable Zwitterionic Nanoparticles as Tunable Excipients for the Formulation of Therapeutics Directly at the Point of Care. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 10699-10709.	1.8	6
57	Solar UV radiation: differential effectiveness of UVB subcomponents in causing cell death, micronucleus induction and delayed expression of heritable damage in human hybrid cells. <i>International Journal of Radiation Biology</i> , 2001, 77, 963-970.	1.0	5
58	Antiproliferative Activity of Cisplatin Detected by CFSE in p53-Proficient and p53-Deficient Cells. <i>Immunological Investigations</i> , 2007, 36, 847-859.	1.0	3
59	Role of cardiolipins, mitochondria, and autophagy in the differentiation process activated by all-trans retinoic acid in acute promyelocytic leukemia. <i>Cell Death and Disease</i> , 2022, 13, 30.	2.7	3
60	An opto-structural method to estimate the stress-strain field induced by cell contraction on substrates of controlled stiffness in vitro. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2013, 11, 143-150.	0.7	2
61	Challenges in the Integration of Flow Cytometry and Time-Lapse Live Cell Imaging Data Using a Cell Proliferation Model. <i>SIMAI Springer Series</i> , 2012, , 376-398.	0.4	2
62	Tumor treating fields affect mesothelioma cell proliferation by exerting histotype-dependent cell cycle checkpoint activations and transcriptional modulations. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	2