Annalisa Lamberti

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5028117/publications.pdf

Version: 2024-02-01

62	2,009	236833	243529
papers	citations	25 h-index	44 g-index

63	63	63	2575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoparticle Surface Functionalization: How to Improve Biocompatibility and Cellular Internalization. Frontiers in Molecular Biosciences, 2020, 7, 587012.	1.6	216
2	Rapamycin stimulates apoptosis of childhood acute lymphoblastic leukemia cells. Blood, 2005, 106, 1400-1406.	0.6	146
3	Triggering of CD40 Antigen Inhibits Fludarabine-Induced Apoptosis in B Chronic Lymphocytic Leukemia Cells. Blood, 1998, 92, 990-995.	0.6	127
4	DNA Optical Detection Based on Porous Silicon Technology: from Biosensors to Biochips. Sensors, 2007, 7, 214-221.	2.1	109
5	Marine diatoms as optical biosensors. Biosensors and Bioelectronics, 2009, 24, 1580-1584.	5.3	106
6	Optical Biosensors Based on Photonic Crystals Supporting Bound States in the Continuum. Materials, 2018, 11, 526.	1.3	89
7	Diatomite biosilica nanocarriers for siRNA transport inside cancer cells. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 3393-3403.	1.1	88
8	Surface bioengineering of diatomite based nanovectors for efficient intracellular uptake and drug delivery. Nanoscale, 2015, 7, 20063-20074.	2.8	81
9	Diatomite silica nanoparticles for drug delivery. Nanoscale Research Letters, 2014, 9, 329.	3.1	80
10	Interfacing the nanostructured biosilica microshells of the marine diatom Coscinodiscus wailesii with biological matter. Acta Biomaterialia, 2008, 4, 126-130.	4.1	73
11	Optical Sensors for Vapors, Liquids, and Biological Molecules Based on Porous Silicon Technology. IEEE Nanotechnology Magazine, 2004, 3, 49-54.	1.1	60
12	Improved procedure for protein binder analysis in mural painting by LC-ESI/Q-q-TOF mass spectrometry: detection of different milk species by casein proteotypic peptides. Analytical and Bioanalytical Chemistry, 2009, 395, 2281-2291.	1.9	55
13	Amifostine Inhibits Hematopoietic Progenitor Cell Apoptosis by Activating NF-Î°B/Rel Transcription Factors. Blood, 1999, 94, 4060-4066.	0.6	54
14	Porous silicon-based optical biochips. Journal of Optics, 2006, 8, S540-S544.	1.5	49
15	Porous Silicon Based Resonant Mirrors for Biochemical Sensing. Sensors, 2008, 8, 6549-6556.	2.1	49
16	Fabrication and characterization of a porous silicon based microarray for label-free optical monitoring of biomolecular interactions. Journal of Applied Physics, 2010, 107, .	1.1	49
17	C-Raf antagonizes apoptosis induced by IFN-Î± in human lung cancer cells by phosphorylation and increase of the intracellular content of elongation factor 1A. Cell Death and Differentiation, 2007, 14, 952-962.	5.0	48
18	Increased Expression of CD40 Ligand in Activated CD4+T Lymphocytes of Systemic Sclerosis Patients. Journal of Autoimmunity, 2000, 15, 61-66.	3.0	44

#	Article	IF	Citations
19	Internalization kinetics and cytoplasmic localization of functionalized diatomite nanoparticles in cancer cells by Raman imaging. Journal of Biophotonics, 2018, 11, e201700207.	1.1	41
20	A microfluidics assisted porous silicon array for optical label-free biochemical sensing. Biomicrofluidics, 2011, 5, 34120-3412010.	1.2	40
21	Raf kinases mediate the phosphorylation of eukaryotic translation elongation factor 1A and regulate its stability in eukaryotic cells. Cell Death and Disease, 2012, 3, e276-e276.	2.7	36
22	Nanoparticle-based strategy for personalized B-cell lymphoma therapy. International Journal of Nanomedicine, 2016, Volume 11, 6089-6101.	3.3	35
23	Bioengineered Silicon Diatoms: Adding Photonic Features to a Nanostructured Semiconductive Material for Biomolecular Sensing. Nanoscale Research Letters, 2016, 11, 405.	3.1	32
24	Silver-nanoparticles as plasmon-resonant enhancers for eumelanin's photoacoustic signal in a self-structured hybrid nanoprobe. Materials Science and Engineering C, 2019, 102, 788-797.	3.8	29
25	Albumin-Modified Melanin-Silica Hybrid Nanoparticles Target Breast Cancer Cells via a SPARC-Dependent Mechanism. Frontiers in Bioengineering and Biotechnology, 2020, 8, 765.	2.0	28
26	Label-free DNA biosensing by topological light confinement. Nanophotonics, 2021, 10, 4279-4287.	2.9	18
27	Microfluidics assisted biosensors for label-free optical monitoring of molecular interactions. Sensors and Actuators B: Chemical, 2013, 179, 157-162.	4.0	16
28	Analysis of interaction partners for eukaryotic translation elongation factor 1A M-domain by functional proteomics. Biochimie, 2011, 93, 1738-1746.	1.3	15
29	New insights on the interaction between the isoforms 1 and 2 of human translation elongation factor 1A. Biochimie, 2015, 118, 1-7.	1.3	15
30	Ser/Thr kinases and polyamines in the regulation of non-canonical functions of elongation factor 1A. Amino Acids, 2016, 48, 2339-2352.	1.2	15
31	Raf kinases in signal transduction and interaction with translation machinery. Biomolecular Concepts, 2013, 4, 391-399.	1.0	14
32	UN1, a murine monoclonal antibody recognizing a novel human thymic antigen. Tissue Antigens, 1994, 44, 73-82.	1.0	13
33	FT-IR spectromicroscopy of mammalian cell cultures during necrosis and apoptosis induced by drugs. Spectroscopy, 2010, 24, 535-546.	0.8	13
34	A new strategy for label-free detection of lymphoma cancer cells. Biomedical Optics Express, 2015, 6, 1353.	1.5	13
35	CD40 and B Chronic Lymphocytic Leukemia Cell Response To Fludarabine: The Influence of NF-kB/Rel Transcription Factors On Chemotherapy-Induced Apoptosis. Leukemia and Lymphoma, 2000, 36, 255-262.	0.6	12
36	Advanced DNA Detection via Multispectral Plasmonic Metasurfaces. Frontiers in Bioengineering and Biotechnology, 2021, 9, 666121.	2.0	12

#	Article	IF	Citations
37	Ectopic expression of gastrokine 1 in gastric cancer cells up-regulates tight and adherens junction proteins network. Pathology Research and Practice, 2015, 211, 577-583.	1.0	11
38	Lack of a role of monocytes in the inhibition by monoclonal antibodies to monomorphic and polymorphic determinants of HLA class I antigens of PHA-P-induced peripheral blood mononuclear cell proliferation. Cellular Immunology, 1989, 122, 164-177.	1.4	9
39	B-cell receptor-guided delivery of peptide-siRNA complex for B-cell lymphoma therapy. Cancer Cell International, 2015, 15, 50.	1.8	8
40	Regulation of NF-ÎºB Nuclear Activity in Peripheral Blood Mononuclear Cells: Role of CD28 Antigen. Cellular Immunology, 1994, 156, 371-377.	1.4	7
41	Elongation Factor Ts from the Antarctic Eubacterium Pseudoalteromonas haloplanktis TAC 125:â€‰ Biochemical Characterization and Cloning of the Encoding Gene,. Biochemistry, 2004, 43, 14759-14766.	1.2	6
42	Controlled Release of Doxorubicin for Targeted Chemo-Photothermal Therapy in Breast Cancer HS578T Cells Using Albumin Modified Hybrid Nanocarriers. International Journal of Molecular Sciences, 2021, 22, 11228.	1.8	6
43	Editorial: Tumor Microenvironment and Cancer Cell Interactions in Solid Tumor Growth and Therapy Resistance. Frontiers in Cell and Developmental Biology, 2022, 10, 896194.	1.8	5
44	Probing Denaturation of Protein A via Surface-Enhanced Infrared Absorption Spectroscopy. Biosensors, 2022, 12, 530.	2.3	5
45	Mitogenic activity of antiâ€CD28 MoAb CLBâ€CD28/1 on peripheral blood mononuclear cells and its cooperation with other antiâ€T cells MoAb in the activation of purified T lymphocytes. Tissue Antigens, 1990, 36, 12-18.	1.0	4
46	Regulation of cell survival in CD95-induced T cell apoptosis: role of NF-kappa B/Rel transcription factors. Apoptosis: an International Journal on Programmed Cell Death, 1999, 4, 179-186.	2.2	4
47	Activation of NF-ÎºB/Rel transcription factors in human primary peripheral blood mononuclear cells by interleukin 7. Biological Chemistry, 2004, 385, 415-417.	1.2	4
48	Porous silicon optical sensors for vapors, liquids, and biological molecules. , 2003, 5118, 305.		3
49	Analysis of Nickel-Binding Peptides in a Human Hepidermoid Cancer Cell Line by Ni-NTA Affinity Chromatography and Mass Spectrometry. Protein and Peptide Letters, 2008, 15, 1126-1131.	0.4	3
50	Silicon-Based Technology for Ligand-Receptor Molecular Identification. Journal of Atomic, Molecular, and Optical Physics, 2012, 2012, 1-5.	0.5	3
51	Silicon based optical biochips for biomedical applications. , 2014, , .		2
52	A silicon-based peptide biosensor for label-free detection of cancer cells. , 2015, , .		2
53	Identification and characterization of a T cell growth inhibitory factor produced by K562 erythromyeloid cells. Cellular Immunology, 1991, 138, 55-63.	1.4	1
54	Cloning, expression and evolution of the gene encoding the elongation factor 1ÃŽÂ± from a low thermophilicSulfolobus solfataricusstrain. FEMS Microbiology Letters, 2003, 218, 285-290.	0.7	1

#	Article	IF	Citations
55	A Long Acidic Domain Affects the Chromatographic Behaviour of a Neuronal Adaptor Protein on DEAE-Sepharose. Bioscience, Biotechnology and Biochemistry, 2003, 67, 2048-2050.	0.6	1
56	Modulation of cell apoptosis by AIR. Leukemia, 2007, 21, 2557-2559.	3.3	1
57	Cellular Interaction of Human Eukaryotic Elongation Factor 1A Isoforms. , 0, , .		1
58	Probing the Secondary Structure of a Recombinant Neuronal Adaptor Protein and Its Phosphotyrosine Binding Domains. Bioscience, Biotechnology and Biochemistry, 2005, 69, 2395-2400.	0.6	0
59	Optical detection of PNA/DNA hybridization in resonant porous silicon-based devices. , 2008, , .		0
60	A porous silicon based microarray for label-free optical detection of DNA hybridization. Proceedings of SPIE, 2010, , .	0.8	0
61	Bioengineered Surfaces for Real-Time Label-Free Detection of Cancer Cells. , 0, , .		0
62	Diatomite nanovectors uptake in cancer cells: a Raman imaging study. , 2018, , .		0