Lucia Nencioni

List of Publications by Year
in descending order

74	3,500	136740	149479
papers	citations	32 h-index	56 g-index

79	79	79	4925
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nerve Growth Factor Is an Autocrine Survival Factor for Memory B Lymphocytes. Cell, 1996, 85, 345-356.	13.5	394
2	Inhibition of Influenza A Virus Replication by Resveratrol. Journal of Infectious Diseases, 2005, 191, 1719-1729.	1.9	215
3	Influenza A virus replication is dependent on an antioxidant pathway that involves GSH and Bclâ€2. FASEB Journal, 2003, 17, 758-760.	0.2	126
4	Sex Differences in the Response to Viral Infections: TLR8 and TLR9 Ligand Stimulation Induce Higher IL10 Production in Males. PLoS ONE, 2012, 7, e39853.	1.1	125
5	GSH and analogs in antiviral therapy. Molecular Aspects of Medicine, 2009, 30, 99-110.	2.7	122
6	Influenza virus replication in lung epithelial cells depends on redoxâ€sensitive pathways activated by<scp>NOX4</scp>â€derived<scp>ROS</scp>. Cellular Microbiology, 2015, 17, 131-145.	1.1	122
7	Nerve Growth Factor Inhibits Apoptosis in Memory B Lymphocytes via Inactivation of p38 MAPK, Prevention of Bcl-2 Phosphorylation, and Cytochrome c Release. Journal of Biological Chemistry, 2001, 276, 39027-39036.	1.6	106
8	Higher Prevalence and Abundance of Bdellovibrio bacteriovorus in the Human Gut of Healthy Subjects. PLoS ONE, 2013, 8, e61608.	1.1	93
9	Bcl-2 Expression and p38MAPK Activity in Cells Infected with Influenza A Virus. Journal of Biological Chemistry, 2009, 284, 16004-16015.	1.6	85
10	Redox-Modulating Agents in the Treatment of Viral Infections. International Journal of Molecular Sciences, 2020, 21, 4084.	1.8	85
11	Novel Bifunctional Quinolonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors:â€‰ Design, Synthesis, Biological Activities, and Mechanism of Action. Journal of Medicinal Chemistry, 2006, 49, 1939-1945.	2.9	82
12	The Amphibian Antimicrobial Peptide Temporin B Inhibits In Vitro Herpes Simplex Virus 1 Infection. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	79
13	New Insights on Human Polyomavirus JC and Pathogenesis of Progressive Multifocal Leukoencephalopathy. Clinical and Developmental Immunology, 2013, 2013, 1-17.	3.3	75
14	Bdellovibrio bacteriovorus directly attacks Pseudomonas aeruginosa and Staphylococcus aureus Cystic fibrosis isolates. Frontiers in Microbiology, 2014, 5, 280.	1.5	74
15	Redox Regulation of the Influenza Hemagglutinin Maturation Process: A New Cell-Mediated Strategy for Anti-Influenza Therapy. Antioxidants and Redox Signaling, 2011, 15, 593-606.	2.5	73
16	Redox Proteomics of the Inflammatory Secretome Identifies a Common Set of Redoxins and Other Glutathionylated Proteins Released in Inflammation, Influenza Virus Infection and Oxidative Stress. PLoS ONE, 2015, 10, e0127086.	1.1	68
17	Stenotrophomonas maltophilia strains from cystic fibrosis patients: Genomic variability and molecular characterization of some virulence determinants. International Journal of Medical Microbiology, 2011, 301, 34-43.	1.5	66
18	In vitro inhibition of herpes simplex virus type 1 replication by Mentha suaveolens essential oil and its main component piperitenone oxide. Phytomedicine, 2014, 21, 857-865.	2.3	63

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19	Imbalance in Corneal Redox State during Herpes Simplex Virus 1-induced Keratitis in Rabbits. Effectiveness of Exogenous Glutathione Supply. Experimental Eye Research, 2000, 70, 215-220.	1.2	62
20	Intracellular Redox Signaling as Therapeutic Target for Novel Antiviral Strategy. Current Pharmaceutical Design, 2011, 17, 3898-3904.	0.9	55
21	Current Advances in Anti-Influenza Therapy. Current Medicinal Chemistry, 2010, 17, 2101-2140.	1.2	52
22	Regioselective IBX-Mediated Synthesis of Coumarin Derivatives with Antioxidant and Anti-influenza Activities. Journal of Natural Products, 2017, 80, 3247-3254.	1.5	49
23	Broad-Spectrum Antiviral Activity of the Amphibian Antimicrobial Peptide Temporin L and Its Analogs. International Journal of Molecular Sciences, 2022, 23, 2060.	1.8	47
24	Novel Quinolinonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors: Design, Synthesis, and Biological Activities. Journal of Medicinal Chemistry, 2008, 51, 4744-4750.	2.9	45
25	Imidazole Analogues of Fluoxetine, a Novel Class of Anti-CandidaAgents. Journal of Medicinal Chemistry, 2004, 47, 3924-3926.	2.9	43
26	Effects of polyphenol compounds on influenza A virus replication and definition of their mechanism of action. Bioorganic and Medicinal Chemistry, 2012, 20, 5046-5052.	1.4	43
27	Antiviral and Antioxidant Activity of a Hydroalcoholic Extract from Humulus lupulus L.. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	1.9	43
28	Intracellular Redox State as Target for Anti-Influenza Therapy: Are Antioxidants Always Effective?. Current Topics in Medicinal Chemistry, 2014, 14, 2529-2541.	1.0	42
29	New Synthetic Glutathione Derivatives with Increased Antiviral Activities. Antiviral Chemistry and Chemotherapy, 2004, 15, 77-85.	0.3	41
30	A Polyphenol Rich Extract from Solanum melongena L. DR2 Peel Exhibits Antioxidant Properties and Anti-Herpes Simplex Virus Type 1 Activity In Vitro. Molecules, 2018, 23, 2066.	1.7	41
31	Role of Glutathionylation in Infection and Inflammation. Nutrients, 2019, 11, 1952.	1.7	39
32	Intracellular Redox-Modulated Pathways as Targets for Effective Approaches in the Treatment of Viral Infection. International Journal of Molecular Sciences, 2021, 22, 3603.	1.8	35
33	Pepstatin A alters host cell autophagic machinery and leads to a decrease in influenza A virus production. Journal of Cellular Physiology, 2011, 226, 3368-3377.	2.0	33
34	The Environmental Pollutant Cadmium Promotes Influenza Virus Replication in MDCK Cells by Altering Their Redox State. International Journal of Molecular Sciences, 2013, 14, 4148-4162.	1.8	33
35	Carbon nanotubes supported tyrosinase in the synthesis of lipophilic hydroxytyrosol and dihydrocaffeoyl catechols with antiviral activity against DNA and RNA viruses. Bioorganic and Medicinal Chemistry, 2015, 23, 5345-5351.	1.4	33
36	MC1568 inhibits HDAC6/8 activity and influenza A virus replication in lung epithelial cells: role of Hsp90 acetylation. Future Medicinal Chemistry, 2016, 8, 2017-2031.	1.1	33

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37	Influenza Virus Down-Modulates G6PD Expression and Activity to Induce Oxidative Stress and Promote Its Replication. Frontiers in Cellular and Infection Microbiology, 2021, 11, 804976.	1.8	31
38	Tyrosinase and Layer-by-Layer supported tyrosinases in the synthesis of lipophilic catechols with antiinfluenza activity. Bioorganic and Medicinal Chemistry, 2013, 21, 7699-7708.	1.4	30
39	Differential Redox State Contributes to Sex Disparities in the Response to Influenza Virus Infection in Male and Female Mice. Frontiers in Immunology, 2018, 9, 1747.	2.2	30
40	1-[(3-Aryloxy-3-aryl)propyl]-1H-imidazoles, New Imidazoles with Potent Activity againstCandida albicansand Dermatophytes. Synthesis, Structureâˆ'Activity Relationship, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2008, 51, 3841-3855.	2.9	28
41	Therapeutic Activity of an Anti-Idiotypic Antibody-Derived Killer Peptide against Influenza A Virus Experimental Infection. Antimicrobial Agents and Chemotherapy, 2008, 52, 4331-4337.	1.4	28
42	Advances and Challenges in the Synthesis of Highly Oxidised Natural Phenols with Antiviral, Antioxidant and Cytotoxic Activities. Current Medicinal Chemistry, 2008, 15, 1500-1519.	1.2	28
43	Glutathione increase by the nâ€butanoyl glutathione derivative (GSHâ€C4) inhibits viral replication and induces a predominant Th1 immune profile in old mice infected with influenza virus. FASEB BioAdvances, 2019, 1, 296-305.	1.3	28
44	Polar Localization of PhoN2, a Periplasmic Virulence-Associated Factor of Shigella flexneri, Is Required for Proper IcsA Exposition at the Old Bacterial Pole. PLoS ONE, 2014, 9, e90230.	1.1	27
45	Influenza virus and redox mediated cell signaling: a complex network of virus/host interaction. New Microbiologica, 2007, 30, 367-75.	0.1	26
46	New 1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides inhibit hepatitis C virus replication via suppression of cyclooxygenase-2. European Journal of Medicinal Chemistry, 2015, 90, 497-506.	2.6	25
47	A Novel and Efficient Synthesis of Tocopheryl Quinones by Homogeneous and Heterogeneous Methyltrioxorhenium/Hydrogen Peroxide Catalytic Systems. Advanced Synthesis and Catalysis, 2008, 350, 321-331.	2.1	24
48	Interplay between Hepatitis C Virus and Redox Cell Signaling. International Journal of Molecular Sciences, 2013, 14, 4705-4721.	1.8	24
49	Validation of a Reversed-Phase High Performance Liquid Chromatography Method for the Simultaneous Analysis of Cysteine and Reduced Glutathione in Mouse Organs. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-7.	1.9	24
50	Protective Role of Combined Polyphenols and Micronutrients against Influenza A Virus and SARS-CoV-2 Infection In Vitro. Biomedicines, 2021, 9, 1721.	1.4	23
51	Counteraction of HCV-Induced Oxidative Stress Concurs to Establish Chronic Infection in Liver Cell Cultures. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	1.9	21
52	Temporin G, an amphibian antimicrobial peptide against influenza and parainfluenza respiratory viruses: Insights into biological activity and mechanism of action. FASEB Journal, 2021, 35, e21358.	0.2	21
53	Synthesis of 2â€²â€Deoxyâ€1â€²â€homoâ€Nâ€nucleosides with Antiâ€Influenza Activity by Catalytic Methyltrioxorhenium (MTO)/H₂O₂ Oxyfunctionalization. Chemistry - A European Journal, 2013, 19, 2392-2404.	1.7	19
54	Synthesis of Stilbene and Chalcone Inhibitors of Influenza A Virus by SBA-15 Supported Hoveyda-Grubbs Metathesis. Catalysts, 2019, 9, 983.	1.6	18

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55	Investigation of Commiphora myrrha (Nees) Engl. Oil and Its Main Components for Antiviral Activity. Pharmaceuticals, 2021, 14, 243.	1.7	18
56	Interleukin-4 rapidly down-modulates the macrophage colony-stimulating factor receptor in murine macrophages. Journal of Leukocyte Biology, 1996, 60, 644-650.	1.5	16
57	Interferon-Î±-Induced Inhibition of B16 Melanoma Cell Proliferation: Interference with the bFGF Autocrine Growth Circuit. Biochemical and Biophysical Research Communications, 1999, 262, 838-844.	1.0	16
58	INTERLEUKIN 2 DOWN-MODULATES THE MACROPHAGE COLONY-STIMULATING FACTOR RECEPTOR IN MURINE MACROPHAGES. Cytokine, 1996, 8, 488-494.	1.4	15
59	Viral hemagglutinin is involved in promoting the internalisation of Staphylococcus aureus into human pneumocytes during influenza A H1N1 virus infection. International Journal of Medical Microbiology, 2011, 301, 97-104.	1.5	15
60	Human Polyomavirus JC monitoring and noncoding control region analysis in dynamic cohorts of individuals affected by immune-mediated diseases under treatment with biologics: an observational study. Virology Journal, 2013, 10, 298.	1.4	15
61	Recurrent Herpes Simplex Virus Type 1 (HSV-1) Infection Modulates Neuronal Aging Marks in In Vitro and In Vivo Models. International Journal of Molecular Sciences, 2021, 22, 6279.	1.8	12
62	Murine red blood cells as efficient carriers of three bacterial antigens for the production of specific and neutralizing antibodies. Biotechnology and Applied Biochemistry, 1991, 14, 347-56.	1.4	12
63	Influenza A Virus Infection of Intestinal Epithelial Cells Enhances the Adhesion Ability of Crohnâ€™s Disease Associated Escherichia coli Strains. PLoS ONE, 2015, 10, e0117005.	1.1	11
64	Aminomalononitrile inspired prebiotic chemistry as a novel multicomponent tool for the synthesis of imidazole and purine derivatives with anti-influenza A virus activity. RSC Advances, 2021, 11, 30020-30029.	1.7	11
65	System-oriented optimization of multi-target 2,6-diaminopurine derivatives: Easily accessible broad-spectrum antivirals active against flaviviruses, influenza virus and SARS-CoV-2. European Journal of Medicinal Chemistry, 2021, 224, 113683.	2.6	9
66	Rapid inactivation of SARS-CoV-2 with LED irradiation of visible spectrum wavelengths. Journal of Photochemistry and Photobiology, 2021, 8, 100082.	1.1	9
67	The Inhibition of DNA Viruses by the Amphibian Antimicrobial Peptide Temporin G: A Virological Study Addressing HSV-1 and JPCyV. International Journal of Molecular Sciences, 2022, 23, 7194.	1.8	8
68	Laccase-Catalyzed 1,4-Dioxane-Mediated Synthesis of Belladine N-Oxides with Anti-Influenza A Virus Activity. International Journal of Molecular Sciences, 2021, 22, 1337.	1.8	6
69	Recent advances in the chemistry of parainfluenza-1 (Sendai) virus inhibitors. Medicinal Research Reviews, 2003, 23, 427-455.	5.0	5
70	Anti-influenza A virus activity and structureâ€“activity relationship of a series of nitrobenzoxadiazole derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 2128-2138.	2.5	5
71	Ultrastructural Damages to H1N1 Influenza Virus Caused by Vapor Essential Oils. Molecules, 2022, 27, 3718.	1.7	5
72	Antifungal Activity of the Frog Skin Peptide Temporin G and Its Effect on Candida albicans Virulence Factors. International Journal of Molecular Sciences, 2022, 23, 6345.	1.8	5

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73	Redox alteration in patients infected by different HCV genotypes. Infezioni in Medicina, 2018, 26, 249-254.	0.7	2
74	Recent Advances in the Chemistry of Parainfluenza-1 (Sendai) Virus Inhibitors. ChemInform, 2003, 34, no.	0.1	0