

Silvia Vincenzetti

List of Publications by Year in descending order

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103
papers

1,599
citations

331670

21
h-index

377865

34
g-index

113
all docs

113
docs citations

113
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	Donkeyâ€™s milk protein fractions characterization. Food Chemistry, 2008, 106, 640-649.	8.2	127
2	Spermidine and Spermine Are Enriched in Whole Blood of Nona/Centenarians. Rejuvenation Research, 2012, 15, 590-595.	1.8	100
3	Recombinant Human Cytidine Deaminase: Expression, Purification, and Characterization. Protein Expression and Purification, 1996, 8, 247-253.	1.3	59
4	Quality of donkey meat and carcass characteristics. Meat Science, 2008, 80, 1222-1224.	5.5	58
5	Physical and chemical characteristics of donkey meat from Martina Franca breed. Meat Science, 2009, 82, 469-471.	5.5	54
6	Dietary Intake of Vitamin D from Dairy Products Reduces the Risk of Osteoporosis. Nutrients, 2020, 12, 1743.	4.1	53
7	Purification of human cytidine deaminase: Molecular and enzymatic characterization and inhibition by synthetic pyrimidine analogs. Archives of Biochemistry and Biophysics, 1991, 290, 285-292.	3.0	51
8	A comparison of the carcass and meat quality of Martina Franca donkey foals aged 8 or 12months. Meat Science, 2015, 106, 6-10.	5.5	45
9	Role of Proteins and of Some Bioactive Peptides on the Nutritional Quality of Donkey Milk and Their Impact on Human Health. Beverages, 2017, 3, 34.	2.8	43
10	Human DNA Extraction Methods: Patents and Applications. Recent Patents on DNA & Gene Sequences, 2011, 5, 1-7.	0.7	40
11	Effects of freeze-drying and spray-drying on donkey milk volatile compounds and whey proteins stability. LWT - Food Science and Technology, 2018, 88, 189-195.	5.2	37
12	Donkey milk production: state of the art. Italian Journal of Animal Science, 2009, 8, 677-683.	1.9	36
13	Cloning, Expression, and Purification of Cytidine Deaminase from Arabidopsis thaliana. Protein Expression and Purification, 1999, 15, 8-15.	1.3	35
14	Use of Donkey Milk in Children with Cowâ€™s Milk Protein Allergy. Foods, 2013, 2, 151-159.	4.3	35
15	The effects of slaughter age on carcass and meat quality of Fabrianese lambs. Small Ruminant Research, 2017, 155, 12-15.	1.2	31
16	Involvement of oleuropein in (some) digestive metabolic pathways. Food Chemistry, 2004, 88, 11-15.	8.2	29
17	<i>CDA</i> gene polymorphisms and enzyme activity: genotypeâ€™phenotype relationship in an Italianâ€™Caucasian population. Pharmacogenomics, 2013, 14, 769-781.	1.3	27
18	Human cytidine deaminase: A biochemical characterization of its naturally occurring variants. International Journal of Biological Macromolecules, 2014, 63, 64-74.	7.5	27

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19	Enzymology of Pyrimidine Metabolism and Neurodegeneration. <i>Current Medicinal Chemistry</i> , 2016, 23, 1408-1431.	2.4	27
20	Effects of Lyophilization and Use of Probiotics on Donkey's Milk Nutritional Characteristics. <i>International Journal of Food Engineering</i> , 2011, 7, .	1.5	25
21	A Proteomic Study on Donkey Milk. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2012, 1, .	0.4	23
22	Adenine and Deazaadenine Nucleoside and Deoxynucleoside Analogues: Inhibition of Viral Replication of Sheep MVV (In Vitro Model for HIV) and Bovine BHV-1. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 2973-2980.	3.0	22
23	Population variability in CD38 activity: Correlation with age and significant effect of TNF- α and CD38 184C>G SNPs. <i>Molecular Genetics and Metabolism</i> , 2012, 105, 502-507.	1.1	22
24	A comparison of the enantioselectivities of human deoxycytidine kinase and human cytidine deaminase. <i>Biochemical Pharmacology</i> , 1998, 56, 1237-1242.	4.4	19
25	Differences of Protein Fractions Among Fresh, Frozen and Powdered Donkey Milk. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2010, 2, 56-60.	0.9	19
26	Identification of four amino acid residues essential for catalysis in human cytidine deaminase by site-directed mutagenesis and chemical modifications. <i>Protein Engineering, Design and Selection</i> , 1998, 11, 59-63.	2.1	18
27	A study on the inhibition of dihydrofolate reductase (DHFR) from <i>Escherichia coli</i> by gold(<i>III</i>) phosphane compounds. X-ray crystal structures of (4,5-dichloro-1H-imidazole-1-yl)-triphenylphosphane-gold(<i>III</i>) and (4,5-dicyano-1H-imidazole-1-yl)-triphenylphosphane-gold(<i>III</i>). <i>Dalton Transactions</i> , 2015, 44, 3043-3056.	3.3	18
28	Hypoallergenic properties of donkey's milk: a preliminary study. <i>Veterinaria Italiana</i> , 2014, 50, 99-107.	0.5	18
29	Quantification, Microbial Contamination, Physico-chemical Stability of Repackaged Bevacizumab Stored Under Different Conditions. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 113-119.	1.6	18
30	Vitamins in Human and Donkey Milk: Functional and Nutritional Role. <i>Nutrients</i> , 2021, 13, 1509.	4.1	17
31	Human cytidine deaminase: A three-dimensional homology model of a tetrameric metallo-enzyme inferred from the crystal structure of a distantly related dimeric homologue. <i>Journal of Molecular Graphics and Modelling</i> , 2006, 25, 10-16.	2.4	16
32	Possible role of two phenylalanine residues in the active site of human cytidine deaminase. <i>Protein Engineering, Design and Selection</i> , 2000, 13, 791-799.	2.1	15
33	Delineation of the Molecular Mechanisms of Nucleoside Recognition by Cytidine Deaminase through Virtual Screening. <i>ChemMedChem</i> , 2011, 6, 1452-1458.	3.2	13
34	Proteomic analysis for early neurodegenerative biomarker detection in an animal model. <i>Biochimie</i> , 2016, 121, 79-86.	2.6	13
35	Use of Donkey Milk in Cases of Cow's Milk Protein Allergies. <i>International Journal of Child Health and Nutrition</i> , 2015, 4, 174-179.	0.1	13
36	Modulation of human cytidine deaminase by specific aminoacids involved in the intersubunit interactions. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 144-156.	2.6	12

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37	B-Vitamins Determination in Donkey Milk. <i>Beverages</i> , 2020, 6, 46.	2.8	12
38	Unnatural enantiomers of 5-azacytidine analogues: Syntheses and enzymatic properties. <i>European Journal of Medicinal Chemistry</i> , 2000, 35, 1011-1019.	5.5	11
39	Somatic (CSS) and differential cell count (DCC) during a lactation period in assâ€™milk. <i>Italian Journal of Animal Science</i> , 2009, 8, 691-693.	1.9	11
40	Simultaneous quantification of nicotinamide mononucleotide and related pyridine compounds in mouse tissues by UHPLCâ€™MS/MS. <i>Separation Science Plus</i> , 2018, 1, 22-30.	0.6	11
41	Fecal Proteomic Analysis in Healthy Dogs and in Dogs Suffering from Food Responsive Diarrhea. <i>Scientific World Journal</i> , The, 2019, 2019, 1-7.	2.1	11
42	Biomarkers mapping of neuropathic pain in a nerve chronic constriction injury mice model. <i>Biochimie</i> , 2019, 158, 172-179.	2.6	11
43	Effects of Thermal Treatments on Donkey Milk Nutritional Characteristics. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2014, 5, 182-187.	0.9	11
44	Renal carbonic anhydrase in the quail <i>Coturnix coturnix japonica</i> : I. Activity and distribution in male and female metanephros. <i>The Histochemical Journal</i> , 1990, 22, 579-587.	0.6	10
45	The effects of low voltage electrical stimulation on donkey meat. <i>Meat Science</i> , 2016, 119, 160-164.	5.5	10
46	A comparison among Î²-caseins purified from milk of different species: Self-assembling behaviour and immunogenicity potential. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 210-216.	5.0	10
47	Rheological Properties and Growth Factors Content of Platelet-Rich Plasma: Relevance in Veterinary Biomedical Treatments. <i>Biomedicines</i> , 2020, 8, 429.	3.2	10
48	Nutritional Properties of Camelids and Equids Fresh and Fermented Milk. <i>Dairy</i> , 2021, 2, 288-302.	2.0	10
49	Immunohistochemical localization of carbonic anhydrase isoenzymes II and III in quail kidney. <i>The Histochemical Journal</i> , 1998, 30, 489-497.	0.6	9
50	Human Cytidine Deaminase: Understanding the Catalytic Mechanism. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1539-1543.	1.1	9
51	Isoenzymatic forms of human cytidine deaminase. <i>Protein Engineering, Design and Selection</i> , 2005, 17, 871-877.	2.1	9
52	Dietary properties of lamb meat and human health. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2011, 4, 53-56.	0.5	9
53	Breast Cancer Treatment: The Case of Gold(I)-Based Compounds as a Promising Class of Bioactive Molecules. <i>Biomolecules</i> , 2022, 12, 80.	4.0	9
54	Maedi-visna virus, a model for in vitro testing of potential anti-HIV drugs. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2001, 24, 113-122.	1.6	8

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55	Functional properties of subunit interactions in human cytidine deaminase. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 1055-1061.	2.1	8
56	Adhesion molecules and cytokine profile in ileal tissue of sheep infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Microbes and Infection</i> , 2009, 11, 698-706.	1.9	8
57	PCR-based methods for CDA K27Q and A70T genotyping: genotypes and alleles distribution in a central Italy population. <i>Molecular Biology Reports</i> , 2010, 37, 3363-3368.	2.3	8
58	Differences of Protein Fractions Among Fresh, Frozen and Powdered Donkey Milk. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2010, 2, 56-60.	0.9	8
59	Protein Profile Characterization of Donkey Milk. , 0, , .		8
60	Comparative proteomic analysis of two clam species: <i>Chamelea gallina</i> and <i>Tapes philippinarum</i> . <i>Food Chemistry</i> , 2017, 219, 223-229.	8.2	8
61	Proteomic characterization of kefir milk by two-dimensional electrophoresis followed by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4635.	1.6	8
62	Multi-Targeted Anticancer Activity of Imidazolate Phosphane Gold(I) Compounds by Inhibition of DHFR and TrxR in Breast Cancer Cells. <i>Frontiers in Chemistry</i> , 2020, 8, 602845.	3.6	8
63	Clinicopathological and Fecal Proteome Evaluations in 16 Dogs Presenting Chronic Diarrhea Associated with Lymphangiectasia. <i>Veterinary Sciences</i> , 2021, 8, 242.	1.7	8
64	Effects of Donkeys Rearing System on Performance Indices, Carcass, and Meat Quality. <i>Foods</i> , 2021, 10, 3119.	4.3	8
65	Comparison of Carcass and Meat Quality Obtained from Mule and Donkey. <i>Animals</i> , 2020, 10, 1620.	2.3	7
66	Nutraceutical and Functional Properties of Camelids' Milk. <i>Beverages</i> , 2022, 8, 12.	2.8	7
67	Cytidine deaminase from two extremophilic bacteria: cloning, expression and comparison of their structural stability. <i>Protein Engineering, Design and Selection</i> , 2001, 14, 807-813.	2.1	6
68	Profile of Nucleosides and Nucleotides in Donkey's Milk. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2014, 33, 656-667.	1.1	6
69	p62/SQSTM1 expression in canine mammary tumours: Evolutionary notes. <i>Veterinary and Comparative Oncology</i> , 2019, 17, 570-577.	1.8	6
70	Effect of continuous flow HTST treatments on donkey milk nutritional quality. <i>LWT - Food Science and Technology</i> , 2022, 153, 112444.	5.2	6
71	Donkey's milk caseins characterization. <i>Italian Journal of Animal Science</i> , 2005, 4, 427-429.	1.9	5
72	Role of tyrosine 33 residue for the stabilization of the tetrameric structure of human cytidine deaminase. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 471-482.	7.5	5

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73	Faecal proteome in clinically healthy dogs and cats: Findings in pooled faeces from 10 cats and 10 dogs. <i>Veterinary Record Open</i> , 2021, 8, e9.	1.0	5
74	Site Directed Mutagenesis as a Tool to Understand the Catalytic Mechanism of Human Cytidine Deaminase. <i>Protein and Peptide Letters</i> , 2013, 20, 538-549.	0.9	5
75	Water-in-Oil Microemulsions for Protein Delivery: Loading Optimization and Stability. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 410-421.	1.6	5
76	Effects of Ageing on Donkey Meat Chemical Composition, Fatty Acid Profile and Volatile Compounds. <i>Foods</i> , 2022, 11, 821.	4.3	5
77	Evidence of Anti-Gliadin and Transglutaminase Antibodies in Sera of Dogs Affected by Lymphoplasmacytic Enteritis. <i>Veterinary Research Communications</i> , 2006, 30, 219-221.	1.6	4
78	Protein fraction characterization of sheep milk from the Comisana breed. <i>Veterinary Research Communications</i> , 2008, 32, 179-181.	1.6	4
79	Rapid Allele-Specific PCR method for CDA 79A & C (K27Q) genotyping: A useful pharmacogenetic tool and world-wide polymorphism distribution. <i>Clinica Chimica Acta</i> , 2011, 412, 2237-2240.	1.1	4
80	Pyrimidine 5â€²-Nucleotidase (S) of Human Erythrocytes: Enzymatic and Molecular Characterization. <i>Advances in Experimental Medicine and Biology</i> , 1991, 309B, 245-248.	1.6	4
81	Purification and Identification of Î±s1- and Î²-Caseins from Asses Milk. <i>Veterinary Research Communications</i> , 2005, 29, 211-213.	1.6	3
82	CD38 in Bovine Lung: A Multicatalytic NADase. <i>Journal of Membrane Biology</i> , 2009, 227, 105-110.	2.1	3
83	CLAs in Animal Source Foods: Healthy Benefits for Consumers. <i>Reference Series in Phytochemistry</i> , 2018, , 1-33.	0.4	3
84	Sterol and Mineral Profiles of the Common Sea Snail <i>Hinia Reticulata</i> and the Long Sea Snail <i>Nassarius Mutabilis</i> (Gastropods) Collected from the Middle Adriatic Sea. <i>Current Research in Nutrition and Food Science</i> , 2020, 8, 757-764.	0.8	3
85	Effects of Age on Chemical Composition and Tenderness of Muscle & Longissimus thoracis& of Martina Franca Donkey Breed. <i>Food and Nutrition Sciences (Print)</i> , 2011, 02, 225-227.	0.4	3
86	Deaza- and Deoxyadenosine Derivatives: Synthesis and Inhibition of Animal Viruses as Human Infection Models. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 877-881.	1.1	2
87	Intersubunit Interactions in Human Cytidine Deaminase. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1535-1538.	1.1	2
88	An Immunoenzyme Linked Assay (ELISA) for the Detection of Antibodies to Truncated Glycoprotein D (tgD) of Bovine Herpesvirus-1. <i>Veterinary Research Communications</i> , 2006, 30, 257-259.	1.6	2
89	CLAs in Animal Source Foods: Healthy Benefits for Consumers. <i>Reference Series in Phytochemistry</i> , 2018, , 1-32.	0.4	2
90	CLAs in Animal Source Foods: Healthy Benefits for Consumers. <i>Reference Series in Phytochemistry</i> , 2019, , 667-698.	0.4	2

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91	Studies on the Interaction between Poly-Phosphane Gold(I) Complexes and Dihydrofolate Reductase: An Interplay with Nicotinamide Adenine Dinucleotide Cofactor. International Journal of Molecular Sciences, 2019, 20, 1802.	4.1	2
92	Vitamins and Minerals in Raw and Cooked Donkey Meat. , 0, , .		2
93	Dietary properties of lamb meat and human health. Mediterranean Journal of Nutrition and Metabolism, 2010, 4, 53-56.	0.5	1
94	Modulatory Effect of Oleuropein on Digestive Enzymes. , 2010, , 1327-1333.		1
95	Role of Glutamate-67 in the Catalytic Mechanism of Human Cytidine Deaminase. Advances in Experimental Medicine and Biology, 1998, 431, 287-291.	1.6	1
96	Presence of NAD pyrophosphorylase in skeletal muscle in dystrophic mice. Experientia, 1991, 47, 610-612.	1.2	0
97	Human placenta cytidine deaminase: a zinc metalloprotein. IUBMB Life, 1997, 42, 469-476.	3.4	0
98	Human placenta cytidine deaminase: proton-linked enzyme activity and substrate binding. IUBMB Life, 1997, 42, 477-486.	3.4	0
99	Studies on Thermal Stability of Human Cytidine Deaminase. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1037-1042.	1.1	0
100	Adhesion of Streptococcus equi to Air-liquid Interface Ex-Vivo Cultures of the Equine Guttural Pouch Mucosa Is Inhibited by Heparin. Journal of Equine Veterinary Science, 2016, 42, 7-11.	0.9	0
101	Nutritional Properties of Table Olives and Their Use in Cocktails. , 2019, , 509-541.		0
102	Cytidine Deaminase: A Rapid Method of Purification and Some Properties of the Enzyme from Human Placenta. Advances in Experimental Medicine and Biology, 1991, 309B, 235-238.	1.6	0
103	Studies on Cysteine Residues Involved in the Active Site of Human Cytidine Deaminase. Advances in Experimental Medicine and Biology, 1998, 431, 305-308.	1.6	0