

# Stefania Pucciarelli

## List of Publications by Year in descending order

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67  
papers

1,302  
citations

430442

18  
h-index

395343

33  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2226  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rise in NAD precursor nicotinamide mononucleotide (NMN) after injury promotes axon degeneration. <i>Cell Death and Differentiation</i> , 2015, 22, 731-742.	5.0	202
2	Spermidine and Spermine Are Enriched in Whole Blood of Nona/Centenarians. <i>Rejuvenation Research</i> , 2012, 15, 590-595.	0.9	100
3	Sanguinarine suppresses basal-like breast cancer growth through dihydrofolate reductase inhibition. <i>Biochemical Pharmacology</i> , 2014, 90, 226-234.	2.0	61
4	Effect of hydroxypropyl $\beta$ -cyclodextrin on the self-assembling and thermogelation properties of Poloxamer 407. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 32, 115-122.	1.9	55
5	Dietary Intake of Vitamin D from Dairy Products Reduces the Risk of Osteoporosis. <i>Nutrients</i> , 2020, 12, 1743.	1.7	53
6	Enhanced insulin sensitivity in skeletal muscle and liver by physiological overexpression of SIRT6. <i>Molecular Metabolism</i> , 2015, 4, 846-856.	3.0	47
7	A comparison of the carcass and meat quality of Martina Franca donkey foals aged 8 or 12 months. <i>Meat Science</i> , 2015, 106, 6-10.	2.7	45
8	Role of Proteins and of Some Bioactive Peptides on the Nutritional Quality of Donkey Milk and Their Impact on Human Health. <i>Beverages</i> , 2017, 3, 34.	1.3	43
9	Mechanism of inhibition of wt $\Delta$ dihydrofolate reductase from <i>E. coli</i> by tea epigallocatechin gallate. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 240-251.	1.5	38
10	Effects of freeze-drying and spray-drying on donkey milk volatile compounds and whey proteins stability. <i>LWT - Food Science and Technology</i> , 2018, 88, 189-195.	2.5	37
11	The effects of slaughter age on carcass and meat quality of Fabrianese lambs. <i>Small Ruminant Research</i> , 2017, 155, 12-15.	0.6	31
12	<i>CDA</i> gene polymorphisms and enzyme activity: genotype-phenotype relationship in an Italian-Caucasian population. <i>Pharmacogenomics</i> , 2013, 14, 769-781.	0.6	27
13	Human cytidine deaminase: A biochemical characterization of its naturally occurring variants. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 64-74.	3.6	27
14	Enzymology of Pyrimidine Metabolism and Neurodegeneration. <i>Current Medicinal Chemistry</i> , 2016, 23, 1408-1431.	1.2	27
15	Effect of phosphate buffer on the micellisation process of Poloxamer 407: Microcalorimetry, acoustic spectroscopy and dynamic light scattering (DLS) studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 123-129.	2.3	24
16	In vitro and in vivo studies of gold(I) azolate/phosphane complexes for the treatment of basal like breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 418-427.	2.6	23
17	Population variability in CD38 activity: Correlation with age and significant effect of TNF- $\beta$ -308G>A and CD38 184C>G SNPs. <i>Molecular Genetics and Metabolism</i> , 2012, 105, 502-507.	0.5	22
18	Evaluation of thermosensitive poloxamer 407 gel systems for the sustained release of estradiol in a fish model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 954-961.	2.0	22

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19	A study on the inhibition of dihydrofolate reductase (DHFR) from <i>Escherichia coli</i> by gold( <i>scp</i> ) phosphane compounds. X-ray crystal structures of (4,5-dichloro-1H-imidazole-1-yl)-triphenylphosphane-gold( <i>scp</i> ) and (4,5-dicyano-1H-imidazole-1-yl)-triphenylphosphane-gold( <i>scp</i> ). <i>Dalton Transactions</i> , 2015, 44, 3843-3856.	1.6	18
20	Rhamnolipids as epithelial permeability enhancers for macromolecular therapeutics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 419-425.	2.0	18
21	Hypoallergenic properties of donkey's milk: a preliminary study. <i>Veterinaria Italiana</i> , 2014, 50, 99-107.	0.5	18
22	Quantification, Microbial Contamination, Physico-chemical Stability of Repackaged Bevacizumab Stored Under Different Conditions. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 113-119.	0.9	18
23	Monitoring the aggregation behaviour of self-assembling polymers through high-resolution ultrasonic spectroscopy. <i>International Journal of Pharmaceutics</i> , 2010, 388, 274-279.	2.6	17
24	Characterization of the first eukaryotic cold-adapted patatin-like phospholipase from the psychrophilic <i>Euplotes focardii</i> : Identification of putative determinants of thermal-adaptation by comparison with the homologous protein from the mesophilic <i>Euplotes crassus</i> . <i>Biochimie</i> , 2013, 95, 1795-1806.	1.3	17
25	Vitamins in Human and Donkey Milk: Functional and Nutritional Role. <i>Nutrients</i> , 2021, 13, 1509.	1.7	17
26	20S proteasome mediated degradation of DHFR: implications in neurodegenerative disorders. <i>Archives of Biochemistry and Biophysics</i> , 2004, 422, 168-174.	1.4	14
27	Characterization and comparative analysis of psychrophilic and mesophilic alpha-amylases from <i>Euplotes</i> species: A contribution to the understanding of enzyme thermal adaptation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 715-720.	1.0	14
28	Proteomic analysis for early neurodegenerative biomarker detection in an animal model. <i>Biochimie</i> , 2016, 121, 79-86.	1.3	13
29	Thermodynamics of Inositol Hexakisphosphate Interaction with Human Oxyhemoglobin. <i>Journal of Biological Chemistry</i> , 1998, 273, 15329-15334.	1.6	12
30	Modulation of human cytidine deaminase by specific aminoacids involved in the intersubunit interactions. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 144-156.	1.5	12
31	B-Vitamins Determination in Donkey Milk. <i>Beverages</i> , 2020, 6, 46.	1.3	12
32	Simultaneous quantification of nicotinamide mononucleotide and related pyridine compounds in mouse tissues by UHPLC-MS/MS. <i>Separation Science Plus</i> , 2018, 1, 22-30.	0.3	11
33	Fecal Proteomic Analysis in Healthy Dogs and in Dogs Suffering from Food Responsive Diarrhea. <i>Scientific World Journal</i> , The, 2019, 2019, 1-7.	0.8	11
34	Acetylshikonin isolated from <i>Lithospermum erythrorhizon</i> roots inhibits dihydrofolate reductase and hampers autochthonous mammary carcinogenesis in $\beta$ 16HER2 transgenic mice. <i>Pharmacological Research</i> , 2020, 161, 105123.	3.1	11
35	Amyloid Self-Assembly of Lysozyme in Self-Crowded Conditions: The Formation of a Protein Oligomer Hydrogel. <i>Biomacromolecules</i> , 2021, 22, 1147-1158.	2.6	11
36	Stabilization of the cyclodecadiene derivative isofuranodiene by silver (I) coordination. Mechanistic and biological aspects. <i>FÄ-toterapÄ-Äç</i> , 2017, 117, 52-60.	1.1	10

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37	A comparison among $\hat{\Gamma}^2$ -caseins purified from milk of different species: Self-assembling behaviour and immunogenicity potential. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 210-216.	2.5	10
38	Rheological Properties and Growth Factors Content of Platelet-Rich Plasma: Relevance in Veterinary Biomedical Treatments. <i>Biomedicines</i> , 2020, 8, 429.	1.4	10
39	Breast Cancer Treatment: The Case of Gold(I)-Based Compounds as a Promising Class of Bioactive Molecules. <i>Biomolecules</i> , 2022, 12, 80.	1.8	9
40	Oxygen binding to fallow-deer ( <i>Dama dama</i> ) hemoglobin: stepwise enthalpies at pH 7.4. <i>Biophysical Chemistry</i> , 1996, 59, 107-117.	1.5	8
41	Comparative proteomic analysis of two clam species: <i>Chamelea gallina</i> and <i>Tapes philippinarum</i> . <i>Food Chemistry</i> , 2017, 219, 223-229.	4.2	8
42	Characterization of Handmade Papers (13th–15th century) from Camerino and Fabriano (Marche, Italy). <i>Journal of Cultural Heritage</i> , 2020, 42, 8-18.	1.5	8
43	Proteomic characterization of kefir milk by two-dimensional electrophoresis followed by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4635.	0.7	8
44	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.	1.8	8
45	A Study on the Stability and Enzymatic Activity of Yeast Alcohol Dehydrogenase in Presence of the Self-Assembling Block Copolymer Poloxamer 407. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 298-313.	1.4	7
46	Could Albumin Affect the Self-Assembling Properties of a Block Co-polymer System and Drug Release? An In-Vitro Study. <i>Pharmaceutical Research</i> , 2015, 32, 1094-1104.	1.7	7
47	Comparison of Carcass and Meat Quality Obtained from Mule and Donkey. <i>Animals</i> , 2020, 10, 1620.	1.0	7
48	Cubic and Hexagonal Mesophases for Protein Encapsulation: Structural Effects of Insulin Confinement. <i>Langmuir</i> , 2021, 37, 10166-10176.	1.6	7
49	Profile of Nucleosides and Nucleotides in Donkey's Milk. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2014, 33, 656-667.	0.4	6
50	Peroxynitrite-mediated oxidation of the C85S/C152E mutant of dihydrofolate reductase from <i>Escherichia coli</i> : functional and structural effects. <i>Archives of Biochemistry and Biophysics</i> , 2005, 434, 221-231.	1.4	5
51	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.	3.6	5
52	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.	0.3	5
53	UV Resonance Raman explores protein structural modification upon fibrillation and ligand interaction. <i>Biophysical Journal</i> , 2021, 120, 4575-4589.	0.2	5
54	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.	0.4	5

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55	Water-in-Oil Microemulsions for Protein Delivery: Loading Optimization and Stability. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 410-421.	0.9	5
56	Identification, partial characterization, and use of grey mullet ( <i>Mugil cephalus</i> ) vitellogenins for the development of ELISA and biosensor immunoassays. <i>International Aquatic Research</i> , 2019, 11, 389-399.	1.5	4
57	CD38 in Bovine Lung: A Multicatalytic NADase. <i>Journal of Membrane Biology</i> , 2009, 227, 105-110.	1.0	3
58	Free Energy Changes and Components Implicit in the MWC Allosteric Model for the Cooperative Oxygen Binding of Hemoglobin. <i>Biochemistry</i> , 2013, 52, 4149-4156.	1.2	3
59	CLAs in Animal Source Foods: Healthy Benefits for Consumers. <i>Reference Series in Phytochemistry</i> , 2018, , 1-33.	0.2	3
60	Different functional modulation by heterotropic ligands (2,3-diphosphoglycerate and chlorides) of the two haemoglobins from fallow-deer ( <i>Dama dama</i> ). <i>FEBS Journal</i> , 2001, 268, 603-611.	0.2	2
61	Development of an ELISA Test for Determination of the Urinary Trypsin Inhibitor: Analytical Performance and Applications. <i>Journal of Immunoassay and Immunochemistry</i> , 2005, 26, 43-56.	0.5	2
62	CLAs in Animal Source Foods: Healthy Benefits for Consumers. <i>Reference Series in Phytochemistry</i> , 2018, , 1-32.	0.2	2
63	CLAs in Animal Source Foods: Healthy Benefits for Consumers. <i>Reference Series in Phytochemistry</i> , 2019, , 667-698.	0.2	2
64	Studies on the Interaction between Poly-Phosphane Gold(I) Complexes and Dihydrofolate Reductase: An Interplay with Nicotinamide Adenine Dinucleotide Cofactor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1802.	1.8	2
65	Modulatory Effect of Oleuropein on Digestive Enzymes. , 2010, , 1327-1333.		1
66	Structureâ€“function relationships in bovine thymus 20S proteasome: a fluorimetric study. <i>International Journal of Biological Macromolecules</i> , 2001, 28, 321-330.	3.6	0
67	Studies on Thermal Stability of Human Cytidine Deaminase. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1037-1042.	0.4	0