

Viviana IZZO

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,396
citations

361045

20
h-index

360668

35
g-index

57
all docs

57
docs citations

57
times ranked

2143
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting the ASase/S1P pathway protects from sortilin-evoked vascular damage in hypertension. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	23
2	Antioxidant Supplementation Hinders the Role of Exercise Training as a Natural Activator of SIRT1. <i>Nutrients</i> , 2022, 14, 2092.	1.7	6
3	Chemical Risk in Hospital Settings: Overview on Monitoring Strategies and International Regulatory Aspects. <i>Journal of Public Health Research</i> , 2021, 10, jphr.2021.1993.	0.5	5
4	Environmental and Biological Monitoring of Formaldehyde inside A Hospital Setting: A Combined Approach to Manage Chemical Risk in Workplaces. <i>Journal of Public Health Research</i> , 2021, 10, jphr.2021.2012.	0.5	5
5	Interactions with Microbial Proteins Driving the Antibacterial Activity of Flavonoids. <i>Pharmaceutics</i> , 2021, 13, 660.	2.0	41
6	Gene Transfer Potential of Outer Membrane Vesicles of Gram-Negative Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5985.	1.8	42
7	Liquid levothyroxine sodium therapy improves pharmacologic thyroid-stimulating hormone homeostasis in patients with reduced efficacy for tablet levothyroxine sodium after sleeve gastrectomy. A case report. <i>Obesity Surgery</i> , 2021, 31, 4649-4652.	1.1	3
8	The Effect of Plasma Protein Binding on the Therapeutic Monitoring of Antiseizure Medications. <i>Pharmaceutics</i> , 2021, 13, 1208.	2.0	21
9	Outer Membrane Vesicles Derived from <i>Klebsiella pneumoniae</i> Are a Driving Force for Horizontal Gene Transfer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8732.	1.8	29
10	Perampanel dosage in plasma samples: development and validation of a novel HPLC method with combined UV-Fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114252.	1.4	5
11	Sulphate mineral waters: A medical resource in several disorders. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 320-326.	1.5	27
12	The crystal structure and insight into the substrate specificity of the $\hat{\pm}$ -L rhamnosidase RHA-P from <i>Novosphingobium</i> sp. PP1Y. <i>Archives of Biochemistry and Biophysics</i> , 2020, 679, 108189.	1.4	6
13	Bone marrow mesenchymal stem cells as a possible ruxolitinib reservoir in the bone marrow niche. <i>EJHaem</i> , 2020, 1, 356-360.	0.4	0
14	A Genotyping/Phenotyping Approach with Careful Clinical Monitoring to Manage the Fluoropyrimidines-Based Therapy: Clinical Cases and Systematic Review of the Literature. <i>Journal of Personalized Medicine</i> , 2020, 10, 113.	1.1	6
15	Aptamers and Antisense Oligonucleotides for Diagnosis and Treatment of Hematological Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3252.	1.8	21
16	Molecular Dissection of dH3w, A Fluorescent Peptidyl Sensor for Zinc and Mercury. <i>Sensors</i> , 2020, 20, 598.	2.1	2
17	Human calf muscles changes after strength training as revealed by diffusion tensor imaging. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 853-860.	0.4	9
18	<i>Novosphingobium</i> sp. PP1Y as a novel source of outer membrane vesicles. <i>Journal of Microbiology</i> , 2019, 57, 498-508.	1.3	6

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19	Laboratory medicine: health evaluation in elite athletes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1450-1473.	1.4	25
20	Development and Validation of a Reverse-Phase High-Performance Liquid Chromatography with Fluorescence Detection (RP-HPLC-FL) Method to Quantify Ruxolitinib in Plasma Samples. <i>Analytical Letters</i> , 2019, 52, 1328-1339.	1.0	11
21	The marine Gram-negative bacterium <i>Novosphingobium</i> sp. PP1Y as a potential source of novel metabolites with antioxidant activity. <i>Biotechnology Letters</i> , 2019, 41, 273-281.	1.1	11
22	Structural and functional insights into RHA-P, a bacterial GH106 α -L-rhamnosidase from <i>Novosphingobium</i> sp. PP1Y. <i>Archives of Biochemistry and Biophysics</i> , 2018, 648, 1-11.	1.4	13
23	Development of a novel ion-pairing HPLC-FL method for the separation and quantification of hydroxychloroquine and its metabolites in whole blood. <i>Biomedical Chromatography</i> , 2018, 32, e4258.	0.8	13
24	Supervised physical exercise improves clinical, anthropometric and biochemical parameters in adult cystic fibrosis patients: A 2-year evaluation. <i>Clinical Respiratory Journal</i> , 2018, 12, 2228-2234.	0.6	19
25	A UHPLC-MS/MS-based method for the simultaneous monitoring of eight antitubercular drugs in plasma and urine of exposed healthcare workers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 245-251.	1.4	21
26	Chemical Cleavage of an Asp-Cys Sequence Allows Efficient Production of Recombinant Peptides with an N-Terminal Cysteine Residue. <i>Bioconjugate Chemistry</i> , 2018, 29, 1373-1383.	1.8	16
27	Health status and concomitant prescription of immunosuppressants are risk factors for hydroxychloroquine non-adherence in systemic lupus patients with prolonged inactive disease. <i>Lupus</i> , 2018, 27, 265-272.	0.8	34
28	Antimicrobial potency of cationic antimicrobial peptides can be predicted from their amino acid composition: Application to the detection of α -cryptic antimicrobial peptides. <i>Journal of Theoretical Biology</i> , 2017, 419, 254-265.	0.8	89
29	PPAR β and ADRB3 polymorphisms analysis and Irisin expression in professional water polo players. <i>Sport Sciences for Health</i> , 2017, 13, 395-401.	0.4	1
30	Sirtuins: Possible Clinical Implications in Cardio and Cerebrovascular Diseases. <i>Current Drug Targets</i> , 2017, 18, 473-484.	1.0	41
31	Novel Drug Targets for the Treatment of Cardiac Diseases. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2017, 15, .	0.2	1
32	Antioxidant Supplementation in the Treatment of Aging-Associated Diseases. <i>Frontiers in Pharmacology</i> , 2016, 7, 24.	1.6	142
33	RHA-P: Isolation, expression and characterization of a bacterial α -L-rhamnosidase from <i>Novosphingobium</i> sp. PP1Y. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 134, 136-147.	1.8	16
34	A new cryptic cationic antimicrobial peptide from human apolipoprotein E with antibacterial activity and immunomodulatory effects on human cells. <i>FEBS Journal</i> , 2016, 283, 2115-2131.	2.2	54
35	Rational Design of a Carrier Protein for the Production of Recombinant Toxic Peptides in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2016, 11, e0146552.	1.1	39
36	The Toluene <i>o</i> -Xylene Monooxygenase Enzymatic Activity for the Biosynthesis of Aromatic Antioxidants. <i>PLoS ONE</i> , 2015, 10, e0124427.	1.1	12

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37	Pharmacological approach to overactive bladder and urge urinary incontinence in women: an overview. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 174, 27-34.	0.5	13
38	Complete sequencing of <i>Novosphingobium</i> sp. PP1Y reveals a biotechnologically meaningful metabolic pattern. <i>BMC Genomics</i> , 2014, 15, 384.	1.2	44
39	Î±-Rhamnosidase activity in the marine isolate <i>Novosphingobium</i> sp. PP1Y and its use in the bioconversion of flavonoids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 105, 95-103.	1.8	13
40	Adrenoreceptors and nitric oxide in the cardiovascular system. <i>Frontiers in Physiology</i> , 2013, 4, 321.	1.3	70
41	Marine hydrocarbonoclastic bacteria. , 2013, , 373-402.		8
42	Multiple Roles of Component Proteins in Bacterial Multicomponent Monooxygenases: Phenol Hydroxylase and Toluene/ o -Xylene Monooxygenase from <i>Pseudomonas</i> sp. OX1. <i>Biochemistry</i> , 2011, 50, 1788-1798.	1.2	30
43	PHK from phenol hydroxylase of <i>Pseudomonas</i> sp. OX1. Insight into the role of an accessory protein in bacterial multicomponent monooxygenases. <i>Archives of Biochemistry and Biophysics</i> , 2011, 505, 48-59.	1.4	15
44	The Marine Isolate <i>Novosphingobium</i> sp. PP1Y Shows Specific Adaptation to Use the Aromatic Fraction of Fuels as the Sole Carbon and Energy Source. <i>Microbial Ecology</i> , 2011, 61, 582-594.	1.4	57
45	Tuning the Specificity of the Recombinant Multicomponent Toluene/ o -Xylene Monooxygenase from <i>Pseudomonas</i> sp. Strain OX1 for the Biosynthesis of Tyrosol from 2-Phenylethanol. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5428-5437.	1.4	26
46	Expression, Purification, Crystallization and Preliminary X-Ray Crystallographic Analysis of the Peptidoglycan Binding Region of the Ser/Thr Kinase PrkC from <i>Staphylococcus aureus</i> . <i>Protein and Peptide Letters</i> , 2010, 17, 1296-1299.	0.4	2
47	The structure of the O-specific polysaccharide from the lipopolysaccharide of <i>Pseudomonas</i> sp. OX1 cultivated in the presence of the azo dye Orange II. <i>Carbohydrate Research</i> , 2008, 343, 674-684.	1.1	10
48	Products from Enzyme-Catalyzed Oxidations of Norcarenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 1128-1133.	1.7	9
49	Desaturase Reactions Complicate the Use of Norcarane as a Mechanistic Probe. Unraveling the Mixture of Twenty-Plus Products Formed in Enzyme-Catalyzed Oxidations of Norcarane. <i>Journal of Organic Chemistry</i> , 2007, 72, 1121-1127.	1.7	16
50	The structure of the O-polysaccharide from <i>Pseudomonas stutzeri</i> OX1 containing two different 4-acylamido-4,6-dideoxy-residues, tomosamine and perosamine. <i>Carbohydrate Research</i> , 2005, 340, 651-656.	1.1	13
51	The thermophilic archaeon <i>Sulfolobus solfataricus</i> is able to grow on phenol. <i>Research in Microbiology</i> , 2005, 156, 677-689.	1.0	34
52	A novel type of highly negatively charged lipooligosaccharide from <i>Pseudomonas stutzeri</i> OX1 possessing two 4,6-O-(1-carboxy)-ethylidene residues in the outer core region. <i>FEBS Journal</i> , 2004, 271, 2691-2704.	0.2	26
53	Structure of minor oligosaccharides from the lipopolysaccharide fraction from <i>Pseudomonas stutzeri</i> OX1. <i>Carbohydrate Research</i> , 2004, 339, 2657-2665.	1.1	7
54	Phenol Hydroxylase and Toluene/ o -Xylene Monooxygenase from <i>Pseudomonas stutzeri</i> OX1: Interplay between Two Enzymes. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2211-2219.	1.4	113

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55	Expression and purification of the recombinant subunits of toluene/o-xylene monooxygenase and reconstitution of the active complex. FEBS Journal, 2002, 269, 5689-5699.	0.2	67
56	Antioxidant Supplementation Hinders the Role of Exercise Training as a Natural Activator of SIRT1. , 0, , .		0