

# RValeria Alduina

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,515  
citations

331670

21  
h-index

377865

34  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer activity of biogenerated silver nanoparticles: an integrated proteomic investigation. <i>Oncotarget</i> , 2018, 9, 9685-9705.	1.8	147
2	Microbial technologies for the discovery of novel bioactive metabolites. <i>Journal of Biotechnology</i> , 2002, 99, 187-198.	3.8	125
3	New insights into the gut microbiome in loggerhead sea turtles <i>Caretta caretta</i> stranded on the Mediterranean coast. <i>PLoS ONE</i> , 2019, 14, e0220329.	2.5	59
4	Pectin: A Longâ€Neglected Broadâ€Spectrum Antibacterial. <i>ChemMedChem</i> , 2020, 15, 2228-2235.	3.2	53
5	Is <i>Caretta caretta</i> a Carrier of Antibiotic Resistance in the Mediterranean Sea?. <i>Antibiotics</i> , 2020, 9, 116.	3.7	45
6	Staphylococcal Food Poisoning Case and Molecular Analysis of Toxin Genes in <i>Staphylococcus aureus</i> Strains Isolated from Food in Sicily, Italy. <i>Foodborne Pathogens and Disease</i> , 2015, 12, 21-23.	1.8	44
7	A New Water-Soluble Bactericidal Agent for the Treatment of Infections Caused by Gram-Positive and Gram-Negative Bacterial Strains. <i>Antibiotics</i> , 2020, 9, 586.	3.7	41
8	Superior Antibacterial Activity of Integral Lemon Pectin Extracted via Hydrodynamic Cavitation. <i>ChemistryOpen</i> , 2020, 9, 628-630.	1.9	39
9	Phosphate-Controlled Regulator for the Biosynthesis of the Dalbavancin Precursor A40926. <i>Journal of Bacteriology</i> , 2007, 189, 8120-8129.	2.2	36
10	Two Master Switch Regulators Trigger A40926 Biosynthesis in <i>Nonomurea</i> sp. Strain ATCC 39727. <i>Journal of Bacteriology</i> , 2015, 197, 2536-2544.	2.2	36
11	Synthesis, properties, antitumor and antibacterial activity of new Pt(II) and Pd(II) complexes with 2,2â€²-dithiobis(benzothiazole) ligand. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2378-2386.	3.0	36
12	New Synthetic Nitro-Pyrrolomycins as Promising Antibacterial and Anticancer Agents. <i>Antibiotics</i> , 2020, 9, 292.	3.7	35
13	Development of controlled release systems of biocides for the conservation of cultural heritage. <i>International Biodeterioration and Biodegradation</i> , 2017, 125, 150-156.	3.9	34
14	Antibiotic Resistance of Gram-Negative Bacteria from Wild Captured Loggerhead Sea Turtles. <i>Antibiotics</i> , 2020, 9, 162.	3.7	33
15	Graphene Oxide Carboxymethylcellulose Nanocomposite for Dressing Materials. <i>Materials</i> , 2020, 13, 1980.	2.9	31
16	Differential proteomic analysis reveals novel links between primary metabolism and antibiotic production in <i>Amycolatopsis balhimycina</i> . <i>Proteomics</i> , 2010, 10, 1336-1358.	2.2	28
17	Occurrence and Antimicrobial Resistance of <i>Arcobacter</i> spp. Recovered from Aquatic Environments. <i>Antibiotics</i> , 2021, 10, 288.	3.7	27
18	Antibiotic Resistance Profiling, Analysis of Virulence Aspects and Molecular Genotyping of <i>Staphylococcus aureus</i> Isolated in Sicily, Italy. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 177-185.	1.8	26

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19	Guanosine 5â€²â€¢diphosphate 3â€²â€¢diphosphate (ppGpp) as a negative modulator of polynucleotide phosphorylase activity in a â€œrareâ€™ actinomycete. <i>Molecular Microbiology</i> , 2010, 77, 716-729.	2.5	25
20	Volatile Compounds of Lemon and Grapefruit IntegroPectin. <i>Molecules</i> , 2021, 26, 51.	3.8	25
21	Antibiotics and Environment. <i>Antibiotics</i> , 2020, 9, 202.	3.7	24
22	Expression in <i>Streptomyces lividans</i> of <i>Nonomuraea</i> genes cloned in an artificial chromosome. <i>Applied Microbiology and Biotechnology</i> , 2005, 68, 656-662.	3.6	23
23	Artificial Chromosomes to Explore and to Exploit Biosynthetic Capabilities of Actinomycetes. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-10.	3.0	23
24	Flos Tectorii degradation of mortars: An example of synergistic action between soluble salts and biodeteriogens. <i>Journal of Cultural Heritage</i> , 2015, 16, 838-847.	3.3	23
25	New $\lambda$ BT1 site-specific integrative vectors with neutral phenotype in <i>Streptomyces</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2797-2808.	3.6	23
26	Comparison of Antibiotic Resistance Profile and Biofilm Production of <i>Staphylococcus aureus</i> Isolates Derived from Human Specimens and Animal-Derived Samples. <i>Antibiotics</i> , 2019, 8, 97.	3.7	23
27	New Neuroprotective Effect of Lemon IntegroPectin on Neuronal Cellular Model. <i>Antioxidants</i> , 2021, 10, 669.	5.1	22
28	Formulation of Mesoporous Silica Nanoparticles for Controlled Release of Antimicrobials for Stone Preventive Conservation. <i>Frontiers in Chemistry</i> , 2020, 8, 699.	3.6	21
29	Antibiotic Susceptibility Profile and Tetracycline Resistance Genes Detection in <i>Salmonella</i> spp. Strains Isolated from Animals and Food. <i>Antibiotics</i> , 2021, 10, 809.	3.7	20
30	Artificial chromosome libraries of <i>Streptomyces coelicolor</i> A3(2) and <i>Planobispora rosea</i> . <i>FEMS Microbiology Letters</i> , 2003, 218, 181-186.	1.8	19
31	Two heterologously expressed <i>Planobispora rosea</i> proteins cooperatively induce <i>Streptomyces lividans</i> thioestrepton uptake and storage from the extracellular medium. <i>Microbial Cell Factories</i> , 2010, 9, 44.	4.0	19
32	Differential proteomic analysis highlights metabolic strategies associated with balhimycin production in <i>Amycolatopsis balhimycina</i> chemostat cultivations. <i>Microbial Cell Factories</i> , 2010, 9, 95.	4.0	19
33	A Comparative Analysis of Aquatic and Polyethylene-Associated Antibiotic-Resistant Microbiota in the Mediterranean Sea. <i>Biology</i> , 2021, 10, 200.	2.8	19
34	Synthesis and antibacterial activity of iron-hexacyanocobaltate nanoparticles. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 385-398.	2.6	18
35	Essential Oil Composition of <i>Alluaudia procera</i> and in Vitro Biological Activity on Two Drug-Resistant Models. <i>Molecules</i> , 2019, 24, 2871.	3.8	18
36	Biogenic Selenium Nanoparticles: A Fine Characterization to Unveil Their Thermodynamic Stability. <i>Nanomaterials</i> , 2021, 11, 1195.	4.1	18

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37	Synthesis, structural characterization, anti-proliferative and antimicrobial activity of binuclear and mononuclear Pt(II) complexes with perfluoroalkyl-heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2018, 483, 180-190.	2.4	17
38	Comparison of two PCR methods for detection of <i>Leptospira interrogans</i> in formalin-fixed and paraffin-embedded tissues. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 85-88.	1.6	16
39	Comparison of the Intestinal Microbiome of Italian Patients with Multiple Sclerosis and Their Household Relatives. <i>Life</i> , 2021, 11, 620.	2.4	16
40	Production of Antibacterial Compounds from Actinomycetes. , 0, , .		15
41	Complex Regulatory Networks Governing Production of the Glycopeptide A40926. <i>Antibiotics</i> , 2018, 7, 30.	3.7	15
42	A Two-Component regulatory system with opposite effects on glycopeptide antibiotic biosynthesis and resistance. <i>Scientific Reports</i> , 2020, 10, 6200.	3.3	15
43	Flavonoids in Lemon and Grapefruit IntegroPectin**. <i>ChemistryOpen</i> , 2021, 10, 1055-1058.	1.9	14
44	On <i>Caretta caretta</i> 's shell: first spatial analysis of micro- and macro-epibionts on the Mediterranean loggerhead sea turtle carapace. <i>Marine Biology Research</i> , 2021, 17, 762-774.	0.7	13
45	Seroprevalence of <i>Borrelia burgdorferi</i> in Stray Dogs from Southern Italy. <i>Microorganisms</i> , 2020, 8, 1688.	3.6	12
46	A combined physical-chemical and microbiological approach to unveil the fabrication, provenance, and state of conservation of the Kinkarakawa-gami art. <i>Scientific Reports</i> , 2020, 10, 16072.	3.3	11
47	Antibacterial PEGylated Solid Lipid Microparticles for Cosmeceutical Purpose: Formulation, Characterization, and Efficacy Evaluation. <i>Materials</i> , 2020, 13, 2073.	2.9	11
48	Cross-linked natural IntegroPectin films from citrus biowaste with intrinsic antimicrobial activity. <i>Cellulose</i> , 2022, 29, 5779-5802.	4.9	11
49	Elucidating the molecular physiology of lantibiotic NAI-107 production in <i>Microbispora</i> ATCC-PTA-5024. <i>BMC Genomics</i> , 2016, 17, 42.	2.8	10
50	Lipid Nanocarriers-Loaded Nanocomposite as a Suitable Platform to Release Antibacterial and Antioxidant Agents for Immediate Dental Implant Placement Restorative Treatment. <i>Pharmaceutics</i> , 2021, 13, 2072.	4.5	10
51	Binding abilities of polyaminocyclodextrins: polarimetric investigations and biological assays. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2751-2763.	2.2	9
52	The SCO1731 methyltransferase modulates actinorhodin production and morphological differentiation of <i>Streptomyces coelicolor</i> A3(2). <i>Scientific Reports</i> , 2018, 8, 13686.	3.3	8
53	Inorganic phosphate is a trigger factor for <i>Microbispora</i> sp. ATCC-PTA-5024 growth and NAI-107 production. <i>Microbial Cell Factories</i> , 2014, 13, 133.	4.0	7
54	<i>Deinococcus radiodurans</i> ' SRA-HNH domain containing protein Shp (Dr1533) is involved in faithful genome inheritance maintenance following DNA damage. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 118-129.	2.4	6

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55	Conservation state of two paintings in the Santa Margherita cliff cave: role of the environment and of the microbial community. <i>Environmental Science and Pollution Research</i> , 2022, 29, 29510-29523.	5.3	6
56	Occurrence of Antibiotic Resistance in the Mediterranean Sea. <i>Antibiotics</i> , 2022, 11, 332.	3.7	6
57	Unveiling the egg microbiota of the loggerhead sea turtle <i>Caretta caretta</i> in nesting beaches of the Mediterranean Sea. <i>PLoS ONE</i> , 2022, 17, e0268345.	2.5	6
58	Pulsed Field Gel Electrophoresis and Genome Size Estimates. <i>Methods in Molecular Biology</i> , 2015, 1231, 1-14.	0.9	5
59	Antibacterial activity and HPLC analysis of extracts from Mediterranean brown algae. <i>Plant Biosystems</i> , 2020, , 1-8.	1.6	5
60	Novel <i>Amycolatopsis balhimycina</i> biochemical abilities unveiled by proteomics. <i>FEMS Microbiology Letters</i> , 2014, 351, 209-215.	1.8	4
61	Mononuclear Perfluoroalkyl-Heterocyclic Complexes of Pd(II): Synthesis, Structural Characterization and Antimicrobial Activity. <i>Molecules</i> , 2020, 25, 4487.	3.8	1