

# Maja Pavela-Vrancic

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

714  
citations

516710

16  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

776  
citing authors

#	ARTICLE	IF	CITATIONS
1	The nonribosomal code. <i>Chemistry and Biology</i> , 1999, 6, R273-R279.	6.0	79
2	Characterization of tyrocidine synthetase 1 (TY1): Requirement of posttranslational modification for peptide biosynthesis. <i>Biochemistry</i> , 1995, 34, 7450-7459.	2.5	61
3	The reproductive cycle, condition index and biochemical composition of the horse-bearded mussel <i>Modiolus barbatus</i> . <i>Helgoland Marine Research</i> , 2007, 61, 183-192.	1.3	60
4	Vegetative growth, superoxide dismutase activity and ion concentration of salt-stressed watermelon as influenced by rootstock. <i>Journal of Agricultural Science</i> , 2008, 146, 695-704.	1.3	51
5	Probing the domain structure and ligand-induced conformational changes by limited proteolysis of tyrocidine synthetase 1. <i>Journal of Molecular Biology</i> , 1999, 288, 129-140.	4.2	49
6	ATP Binding in Peptide Synthetases: Determination of Contact Sites of the Adenine Moiety by Photoaffinity Labeling of Tyrocidine Synthetase 1 with 2-Azidoadenosine Triphosphate. <i>Biochemistry</i> , 1994, 33, 6276-6283.	2.5	48
7	Nucleotide binding by multienzyme peptide synthetases. <i>FEBS Journal</i> , 1994, 220, 535-542.	0.2	40
8	DSP toxin profile in the coastal waters of the central Adriatic Sea. <i>Toxicon</i> , 2002, 40, 1601-1607.	1.6	39
9	A Survey of Shellfish Toxicity in the Central Adriatic Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1998, 78, 745-754.	0.8	31
10	Inhibition of alkaline phosphatase activity by okadaic acid, a protein phosphatase inhibitor. <i>Biochimie</i> , 2003, 85, 647-650.	2.6	30
11	The occurrence of 7-epi-pectenotoxin-2 seco acid in the coastal waters of the central Adriatic (Kaštel, Tj. ETQq1 1,0,784314, rgBT / Ove	1.6	28
12	The Adenylation Domain of Tyrocidine Synthetase 1. Structural and Functional Role of the Interdomain Linker Region and the (S/T)GT(T/S)GXPKG Core Sequence. <i>FEBS Journal</i> , 1997, 247, 1074-1082.	0.2	23
13	Synthesis of (di)adenosine polyphosphates by non-ribosomal peptide synthetases (NRPS). <i>BBA - Proteins and Proteomics</i> , 2001, 1546, 234-241.	2.1	21
14	Dimer asymmetry and the catalytic cycle of alkaline phosphatase from <i>Escherichia coli</i> . <i>FEBS Journal</i> , 2003, 270, 4356-4364.	0.2	19
15	Oxidative stability and antioxidant activity of bovine, caprine, ovine and asinine milk. <i>International Journal of Dairy Technology</i> , 2014, 67, 394-401.	2.8	19
16	Salinity-induced changes in growth, superoxide dismutase activity, and ion content of two olive cultivars. <i>Journal of Plant Nutrition and Soil Science</i> , 2007, 170, 398-403.	1.9	16
17	Editing of non-cognate aminoacyl adenylates by peptide synthetases. <i>Biochemical Journal</i> , 1999, 342, 715-719.	3.7	15
18	Occurrence and antibiotic susceptibility profiles of <i>Burkholderia cepacia</i> complex in coastal marine environment. <i>International Journal of Environmental Health Research</i> , 2012, 22, 531-542.	2.7	13

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19	Dipeptide synthesis by an isolated adenylate-forming domain of non-ribosomal peptide synthetases (NRPS). <i>FEBS Letters</i> , 2001, 498, 42-45.	2.8	12
20	Metal-ion induced conformational changes in alkaline phosphatase from <i>E. coli</i> assessed by limited proteolysis. <i>Biochimie</i> , 2004, 86, 403-409.	2.6	10
21	Nonribosomal peptide synthetases-evidence for a second ATP-binding site. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1601, 93-99.	2.3	8
22	The A9 Core Sequence from NRPS Adenylation Domain Is Relevant for Thioester Formation. <i>ChemBioChem</i> , 2012, 13, 1913-1920.	2.6	7
23	The occurrence of lipophilic toxins in shellfish from the Middle Adriatic Sea. <i>Toxicon</i> , 2020, 186, 19-25.	1.6	6
24	Editing of non-cognate aminoacyl adenylates by peptide synthetases. <i>Biochemical Journal</i> , 1999, 342, 715.	3.7	6
25	ATPase activity of non-ribosomal peptide synthetases. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1696, 83-91.	2.3	5
26	Relationship between activating and editing functions of the adenylation domain of apo-tyrocidin synthetase 1 (apo-TY1). <i>Biochimie</i> , 2006, 88, 265-270.	2.6	5
27	Stereochemical features of the anomerizations in the 5,6-dihydrothymine nucleoside series. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988, , 2681-2686.	0.9	4
28	Effect of a T81A mutation at the subunit interface on catalytic properties of alkaline phosphatase from <i>Escherichia coli</i> . <i>International Journal of Biological Macromolecules</i> , 2006, 40, 54-58.	7.5	4
29	Active site titration of gramicidin S synthetase 2: evidence for misactivation and editing in non-ribosomal peptide biosynthesis. <i>FEBS Letters</i> , 1999, 461, 145-148.	2.8	3
30	Evaluation of Olive Fruit Lipoxygenase Extraction Protocols on 9- and 13-Z,E-HPODE Formation. <i>Molecules</i> , 2016, 21, 506.	3.8	2
31	Influence of Subunit Interface Mutations on Kinetic and Dynamic Properties of Alkaline Phosphatase from <i>E. coli</i> . <i>Croatica Chemica Acta</i> , 2013, 86, 165-170.	0.4	0