

# Valeria Specchia

## List of Publications by Year in descending order

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35  
papers

1,705  
citations

623574

14  
h-index

501076

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3174  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of DNA-Based Applications for the Assessment of Benthic Macroinvertebrates Biodiversity in Mediterranean Aquatic Ecosystems. <i>Diversity</i> , 2021, 13, 112.	0.7	11
2	The Role of HSP90 in Preserving the Integrity of Genomes Against Transposons Is Evolutionarily Conserved. <i>Cells</i> , 2021, 10, 1096.	1.8	9
3	Building a transnational biodiversity geo-database of the protected areas in the Adriatic-Ionian Macro-Region: approaches and results from the IMPRECO Project. <i>Biodiversity Data Journal</i> , 2021, 9, e67169.	0.4	4
4	Isolation of Two Bacterial Species from Argan Soil in Morocco Associated with Polyhydroxybutyrate (PHB) Accumulation: Current Potential and Future Prospects for the Bio-Based Polymer Production. <i>Polymers</i> , 2021, 13, 1870.	2.0	9
5	The prolyl-isomerase PIN1 is essential for nuclear Lamin-B structure and function and protects heterochromatin under mechanical stress. <i>Cell Reports</i> , 2021, 36, 109694.	2.9	15
6	Targeted whole exome sequencing and <i>Drosophila</i> modelling to unveil the molecular basis of primary ovarian insufficiency. <i>Human Reproduction</i> , 2021, 36, 2975-2991.	0.4	9
7	Testing the Influence of Incomplete DNA Barcode Libraries on Ecological Status Assessment of Mediterranean Transitional Waters. <i>Biology</i> , 2021, 10, 1092.	1.3	4
8	Gap Analysis for DNA Barcode Reference Libraries for Aquatic Macroinvertebrate Species in the Apulia Region (Southeast of Italy). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 538.	1.2	13
9	PHB Produced by Bacteria Present in the Argan Field Soil: A New Perspective for the Synthesis of the Bio-Based Polymer. , 2020, 69, .		2
10	<i>Drosophila melanogaster</i> as a Model to Study the Multiple Phenotypes, Related to Genome Stability of the Fragile-X Syndrome. <i>Frontiers in Genetics</i> , 2019, 10, 10.	1.1	23
11	The RNA Helicase BELLE Is Involved in Circadian Rhythmicity and in Transposons Regulation in <i>Drosophila melanogaster</i> . <i>Frontiers in Physiology</i> , 2019, 10, 133.	1.3	5
12	Mechanism of translation control of the alternative <i>Drosophila melanogaster</i> Voltage Dependent Anion-selective Channel 1 mRNAs. <i>Scientific Reports</i> , 2018, 8, 5347.	1.6	18
13	A specific mechanism based on alternative 5'UTRs controls the VDAC1 translation in <i>D. melanogaster</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, e96-e97.	0.5	0
14	The future of biotic indices in the ecogenomic era: Integrating (e)DNA metabarcoding in biological assessment of aquatic ecosystems. <i>Science of the Total Environment</i> , 2018, 637-638, 1295-1310.	3.9	377
15	Role of habitats and sampling techniques on macroinvertebrate descriptors and ecological indicators: An experiment in a protected Mediterranean lagoon. <i>Ecological Indicators</i> , 2017, 83, 495-503.	2.6	14
16	dFmr1 Plays Roles in Small RNA Pathways of <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 1066.	1.8	24
17	Novel mutants of the aubergine gene. <i>Fly</i> , 2016, 10, 81-90.	0.9	16
18	Stressing biological samples with pulsed magnetic fields: physical aspects and experimental results. <i>Journal of Instrumentation</i> , 2016, 11, C05007-C05007.	0.5	0

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19	Loss of Pol32 in <i>Drosophila melanogaster</i> Causes Chromosome Instability and Suppresses Variegation. PLoS ONE, 2015, 10, e0120859.	1.1	8
20	The <i>Drosophila</i> fragile X mental retardation protein participates in the piRNA pathway. Journal of Cell Science, 2015, 128, 2070-2084.	1.2	31
21	Metabolic control of YAP and TAZ by the mevalonate pathway. Nature Cell Biology, 2014, 16, 357-366.	4.6	630
22	Transposons, environmental changes, and heritable induced phenotypic variability. Chromosoma, 2014, 123, 345-354.	1.0	91
23	A pulsed magnetic stress applied to <i>Drosophila melanogaster</i> flies. Journal of Physics: Conference Series, 2014, 508, 012031.	0.3	1
24	Functional Characterization of the Bari1 Transposition System. PLoS ONE, 2013, 8, e79385.	1.1	15
25	The "Special" crystal-Stellate System in <i>Drosophila melanogaster</i> Reveals Mechanisms Underlying piRNA Pathway-Mediated Canalization. Genetics Research International, 2012, 2012, 1-5.	2.0	20
26	Hsp90 prevents phenotypic variation by suppressing the mutagenic activity of transposons. Nature, 2010, 463, 662-665.	13.7	262
27	Different <i>aubergine</i> alleles confirm the specificity of different RNAi pathways in <i>Drosophila melanogaster</i> . Fly, 2009, 3, 170-172.	0.9	15
28	Porin isoform 2 has a different localization in <i>Drosophila melanogaster</i> ovaries than porin 1. Journal of Bioenergetics and Biomembranes, 2008, 40, 219-226.	1.0	8
29	<i>aubergine</i> Gene Overexpression in Somatic Tissues of <i>aubergine</i> Mutants Interferes With the RNAi Pathway of <i>ayellow</i> Hairpin dsRNA in <i>Drosophila melanogaster</i> . Genetics, 2008, 178, 1271-1282.	1.2	22
30	Expression and localization in spermatozoa of the mitochondrial porin isoform 2 in <i>Drosophila melanogaster</i> . Biochemical and Biophysical Research Communications, 2006, 346, 665-670.	1.0	21
31	Structure, regulation and evolution of the crystal-Stellate system of <i>Drosophila</i> . Genetica, 2003, 117, 247-257.	0.5	19
32	How many Non-Indigenous Species occurring in the Mediterranean Sea can actually be identified through environmental DNA? A gap analysis of NIS DNA barcodes in the reference libraries. ARPHA Conference Abstracts, 0, 4, .	0.0	0
33	Gap analysis for DNA barcodes of aquatic macroinvertebrate species in the Southeast of Italy. ARPHA Conference Abstracts, 0, 4, .	0.0	0
34	A new extralimital sighting of <i>Monachus monachus</i> (Hermann, 1779) in the Aquatina di Frigole NATURA 2000 site (IT9150003) beach (Salento peninsula, Apulia Region, Italy) after two decades: strategies for conservation are needed. Biodiversity Data Journal, 0, 8, .	0.4	4
35	Current limitations and future prospects of detection and biomonitoring of NIS in the Mediterranean Sea through environmental DNA. NeoBiota, 0, 70, 151-165.	1.0	5