

# Fabrizio Gianguzza

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

459  
citations

686830

13  
h-index

713013

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

531  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The rise of thermophilic sea urchins and the expansion of barren grounds in the Mediterranean Sea. <i>Chemistry and Ecology</i> , 2011, 27, 129-134.   | 0.6 | 58        |
| 2  | Temperature modulates the response of the thermophilous sea urchin <i>Arbacia lixula</i> early life stages to CO <sub>2</sub> -driven acidification. <i>Marine Environmental Research</i> , 2014, 93, 70-77.                   | 1.1 | 52        |
| 3  | Evidences of two different sets of histone genes active during embryogenesis of the sea urchin <i>Paracentrotus lividus</i> . <i>Nucleic Acids Research</i> , 1979, 6, 545-560.  | 6.5 | 38        |
| 4  | HCV viraemia is more important than genotype as a predictor of response to interferon in sicily (Southern Italy). <i>Journal of Hepatology</i> , 1996, 25, 583-590.  | 1.8 | 37        |
| 5  | Effects of cadmium exposure on sea urchin development assessed by SSH and RT-qPCR: metallothionein genes and their differential induction. <i>Molecular Biology Reports</i> , 2013, 40, 2157-2167.                             | 1.0 | 34        |
| 6  | Coexposure to sulfamethoxazole and cadmium impairs development and attenuates transcriptional response in sea urchin embryo. <i>Chemosphere</i> , 2017, 180, 275-284.  | 4.2 | 25        |
| 7  | The operational sex ratio of the sea urchin <i>Paracentrotus lividus</i> populations: the case of the Mediterranean marine protected area of Ustica Island (Tyrrhenian Sea, Italy). <i>Marine Ecology</i> , 2009, 30, 125-132. | 0.4 | 24        |
| 8  | Metallothionein Gene Family in the Sea Urchin <i>Paracentrotus lividus</i> : Gene Structure, Differential Expression and Phylogenetic Analysis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 812.            | 1.8 | 24        |
| 9  | High molecular weight RNA containing histone messenger in the sea urchin <i>Paracentrotus lividus</i> . <i>Journal of Molecular Biology</i> , 1980, 139, 111-122.  | 2.0 | 17        |
| 10 | Sea urchin deciliation induces thermoresistance and activates the p38 mitogen-activated protein kinase pathway. <i>Cell Stress and Chaperones</i> , 2003, 8, 70.   | 1.2 | 17        |
| 11 | Different micrococcal nuclease cleavage patterns characterize transcriptionally active and inactive sea-urchin histone genes. <i>FEBS Journal</i> , 1986, 156, 367-374.  | 0.2 | 15        |
| 12 | Morphological response of the larvae of <i>Arbacia lixula</i> to near-future ocean warming and acidification. <i>ICES Journal of Marine Science</i> , 2017, 74, 1180-1190.   | 1.2 | 14        |
| 13 | Characterization of Small HSPs from <i>Anemonia viridis</i> Reveals Insights into Molecular Evolution of Alpha Crystallin Genes among Cnidarians. <i>PLoS ONE</i> , 2014, 9, e105908.  | 1.1 | 14        |
| 14 | Hsp40 Is Involved in Cilia Regeneration in Sea Urchin Embryos. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 1581-1587.   | 1.3 | 13        |
| 15 | Maintenance of a Protein Structure in the Dynamic Evolution of TIMPs over 600 Million Years. <i>Genome Biology and Evolution</i> , 2016, 8, 1056-1071.   | 1.1 | 13        |
| 16 | HCV NS5A mutations in europeans infected by genotype 1b. <i>Gastroenterology</i> , 1998, 115, 244-245.   | 0.6 | 12        |
| 17 | Evolutionary conserved mechanisms pervade structure and transcriptional modulation of allograft inflammatory factor-1 from sea anemone <i>Anemonia viridis</i> . <i>Fish and Shellfish Immunology</i> , 2017, 67, 86-94.       | 1.6 | 10        |
| 18 | Sea urchin neural $\beta$ tubulin gene: isolation and promoter analysis. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 446-453.  | 1.0 | 9         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Complete decontamination and regeneration of DNA purification silica columns. Analytical Biochemistry, 2009, 385, 182-183.  | 1.1 | 9         |
| 20 | Transcription of Sea Urchin Mesenchyme Blastula. FEBS Journal, 1982, 128, 509-513.  | 0.2 | 5         |
| 21 | In silico characterization of the neural alpha tubulin gene promoter of the sea urchin embryo Paracentrotus lividus by phylogenetic footprinting. Molecular Biology Reports, 2012, 39, 2633-2644.                 | 1.0 | 4         |
| 22 | An Intronic cis-Regulatory Element Is Crucial for the Alpha Tubulin Pl-Tuba1a Gene Activation in the Ciliary Band and Animal Pole Neurogenic Domains during Sea Urchin Development. PLoS ONE, 2017, 12, e0170969. | 1.1 | 4         |
| 23 | A Survey on Tubulin and Arginine Methyltransferase Families Sheds Light on P. lividus Embryo as Model System for Antiproliferative Drug Development. International Journal of Molecular Sciences, 2019, 20, 2136. | 1.8 | 4         |
| 24 | Chromatin dynamics of the developmentally regulated P. lividus neural alpha tubulin gene. International Journal of Developmental Biology, 2011, 55, 591-596.  | 0.3 | 4         |
| 25 | p38 MAPK activation is required for Paracentrotus lividus skeletogenesis. Caryologia, 2008, 61, 74-81.  | 0.2 | 3         |