

# Francesca Carella

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6637639/publications.pdf>

Version: 2024-02-01

46  
papers

846  
citations

430754

18  
h-index

526166

27  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluoride-doped amorphous calcium phosphate nanoparticles as a promising biomimetic material for dental remineralization. <i>Scientific Reports</i> , 2018, 8, 17016.	1.6	90
2	Nanomedicine Approaches for the Pulmonary Treatment of Cystic Fibrosis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 406.	2.0	65
3	Presence of <i>Vibrio mediterranei</i> associated to major mortality in stabled individuals of <i>Pinna nobilis</i> L.. <i>Aquaculture</i> , 2020, 519, 734899.	1.7	38
4	Epidemiology of Noble Pen Shell ( <i>Pinna nobilis</i> L. 1758) Mass Mortality Events in Adriatic Sea Is Characterised with Rapid Spreading and Acute Disease Progression. <i>Pathogens</i> , 2020, 9, 776.	1.2	38
5	In the Wake of the Ongoing Mass Mortality Events: Co-occurrence of <i>Mycobacterium</i> , <i>Haplosporidium</i> and Other Pathogens in <i>Pinna nobilis</i> Collected in Italy and Spain (Mediterranean Sea). <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	37
6	Contaminants bioaccumulation and pathological assessment in <i>Mytilus galloprovincialis</i> in coastal waters facing the brownfield site of Bagnoli, Italy. <i>Marine Pollution Bulletin</i> , 2019, 140, 341-352.	2.3	36
7	Calcium phosphate-based nanosystems for advanced targeted nanomedicine. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1223-1238.	0.9	35
8	Magnetic calcium phosphates nanocomposites for the intracellular hyperthermia of cancers of bone and brain. <i>Nanomedicine</i> , 2019, 14, 1267-1289.	1.7	35
9	Octopus arm regeneration: Role of acetylcholinesterase during morphological modification. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 447, 93-99.	0.7	32
10	Disease and Disorders of Freshwater Unionid Mussels: A Brief Overview of Recent Studies. <i>Frontiers in Physiology</i> , 2016, 7, 489.	1.3	32
11	The metallothionein genes of <i>Mytilus galloprovincialis</i> : Genomic organization, tissue expression and evolution. <i>Marine Genomics</i> , 2011, 4, 61-68.	0.4	28
12	Mussel Shell-Derived Macroporous 3D Scaffold: Characterization and Optimization Study of a Bioceramic from the Circular Economy. <i>Marine Drugs</i> , 2020, 18, 309.	2.2	26
13	Linking stocking densities and feeding strategies with social and individual stress responses on gilthead seabream ( <i>Sparus aurata</i> ). <i>Physiology and Behavior</i> , 2020, 213, 112723.	1.0	25
14	Cytomorphology and PCNA expression pattern in bivalves <i>Mytilus galloprovincialis</i> and <i>Cerastoderma edule</i> with haemic neoplasia. <i>Diseases of Aquatic Organisms</i> , 2013, 105, 81-87.	0.5	24
15	The Use of Calcium Phosphates in Cosmetics, State of the Art and Future Perspectives. <i>Materials</i> , 2021, 14, 6398.	1.3	24
16	<i>Urtica dioica</i> (Stinging Nettle): A Neglected Plant With Emerging Growth Promoter/Immunostimulant Properties for Farmed Fish. <i>Frontiers in Physiology</i> , 2018, 9, 285.	1.3	23
17	Nocardiosis in Mediterranean bivalves: First detection of <i>Nocardia crassostreae</i> in a new host <i>Mytilus galloprovincialis</i> and in <i>Ostrea edulis</i> from the Gulf of Naples (Italy). <i>Journal of Invertebrate Pathology</i> , 2013, 114, 324-328.	1.5	20
18	Assessment of the Health Status of Mussels <i>Mytilus galloprovincialis</i> Along the Campania Coastal Areas: A Multidisciplinary Approach. <i>Frontiers in Physiology</i> , 2018, 9, 683.	1.3	19

#	ARTICLE	IF	CITATIONS
19	Breeding, planktonic and settlement factors shape recruitment patterns of one of the last remaining major population of <i>Pinna nobilis</i> within Spanish waters. <i>Hydrobiologia</i> , 2020, 847, 771-786.	1.0	18
20	The Gonadotropin Releasing Hormone (GnRH)-Like Molecule in Prosobranch <i>Patella caerulea</i> : Potential Biomarker of Endocrine-Disrupting Compounds in Marine Environments. <i>Zoological Science</i> , 2013, 30, 135-140.	0.3	16
21	Innovative synthesis of nanostructured composite materials by a spray-freeze drying process: Efficient catalysts and photocatalysts preparation. <i>Catalysis Today</i> , 2019, 334, 193-202.	2.2	16
22	Thermal conversion of fish bones into fertilizers and biostimulants for plant growth – A low tech valorization process for the development of circular economy in least developed countries. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104815.	3.3	15
23	Nuclear morphometry and ploidy of normal and neoplastic haemocytes in mussels. <i>PLoS ONE</i> , 2017, 12, e0173219.	1.1	15
24	Mycobacteriosis in Aquatic Invertebrates: A Review of Its Emergence. <i>Microorganisms</i> , 2020, 8, 1249.	1.6	12
25	Calcium Phosphate Particles Coated with Humic Substances: A Potential Plant Biostimulant from Circular Economy. <i>Molecules</i> , 2021, 26, 2810.	1.7	12
26	Role of citrate in the formation of enamel-like calcium phosphate oriented nanorod arrays. <i>CrystEngComm</i> , 2019, 21, 4684-4689.	1.3	10
27	Expression of transferrin receptor (TFR) in canine osteosarcomas. <i>Veterinary Medicine and Science</i> , 2020, 6, 272-276.	0.6	10
28	Antimicrobial Activity of Remineralizing Ion-Doped Amorphous Calcium Phosphates for Preventive Dentistry. <i>Frontiers in Materials</i> , 2022, 9, .	1.2	10
29	A case of germinoma in a limpet ( <i>Patella caerulea</i> ) (Patellogastropoda). <i>Journal of Invertebrate Pathology</i> , 2009, 101, 154-156.	1.5	9
30	Optimisation of artemisinin and scopoletin extraction from <i>Artemisia annua</i> with a new modern pressurised cyclic solid-liquid (PCSL) extraction technique. <i>Phytochemical Analysis</i> , 2019, 30, 564-571.	1.2	9
31	Ontogeny of lymphoid organs and mucosal associated lymphoid tissues in meagre ( <i>Argyrosomus</i> ) Tj ETQq1 1 0.784314 rgBT <sub>9</sub> /Overlo	1.6	9
32	Growth of juvenile <i>Pinna nobilis</i> in captivity conditions: Dietary and pathological constraints. <i>Aquaculture</i> , 2020, 522, 735167.	1.7	8
33	What is your diagnosis? Pale yellowish digestive gland and watery tissues in Mediterranean mussels. <i>Veterinary Clinical Pathology</i> , 2011, 40, 273-274.	0.3	6
34	Proliferation, apoptosis, and fractal dimension analysis for the quantification of intestinal trophism in sole ( <i>Solea solea</i> ) fed mussel meal diets. <i>BMC Veterinary Research</i> , 2014, 10, 148.	0.7	6
35	Identification of potential recruitment bottlenecks in larval stages of the giant fan mussel <i>Pinna nobilis</i> using specific quantitative PCR. <i>Hydrobiologia</i> , 2018, 818, 235-247.	1.0	6
36	Nocardiosis and mycobacteriosis of bivalves: – Yet – emerge – zoonoses of public concern?. <i>Zoonoses and Public Health</i> , 2019, 66, 559-561.	0.9	5

#	ARTICLE	IF	CITATIONS
37	Evaluation of Hypoxia-Inducible Factor-1 Alpha (HIF-1 $\alpha$ ) in Equine Sarcoid: An Immunohistochemical and Biochemical Study. <i>Pathogens</i> , 2020, 9, 58.	1.2	5
38	Biocompatible antimicrobial colistin loaded calcium phosphate nanoparticles for the counteraction of biofilm formation in cystic fibrosis related infections. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111751.	1.5	5
39	Retrospective study of pathology-based investigative techniques for the assessment of diet-induced changes in liver and intestine of flatfish. <i>Italian Journal of Animal Science</i> , 2018, 17, 518-529.	0.8	4
40	Inorganic nanoparticles for theranostic use. , 2018, , 351-376.		3
41	Chemical, Functional, and Technological Features of Grains, Brans, and Semolina from Purple and Red Durum Wheat Landraces. <i>Foods</i> , 2022, 11, 1545.	1.9	3
42	Editorial: Fish and Shellfish Pathology. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	2
43	Cytotoxicity of an Innovative Pressurised Cyclic Solidâ€“Liquid (PCSL) Extract from <i>Artemisia annua</i> . <i>Toxins</i> , 2021, 13, 886.	1.5	2
44	Molecular identification, life cycle characterization, and hatchery seed production of dwarf oysters from the Ebro Delta (Spain). <i>Aquatic Living Resources</i> , 2022, 35, 5.	0.5	2
45	Early evidence for a virus-like agent infecting the pest snail <i>Theba pisana</i> (Gastropoda: Pulmonata) in Southern Italy. <i>Journal of Invertebrate Pathology</i> , 2017, 148, 10-13.	1.5	1
46	Nodular-like growth and axial thickening in gorgonians are a defensive response to endolithic cyanobacteria, involving amyloid deposition. <i>Diseases of Aquatic Organisms</i> , 2020, 138, 155-169.	0.5	0