

M A Esteban

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

382 papers	11,671 citations	59 h-index	88 g-index
410 ext. papers	13,989 ext. citations	3.8 avg, IF	6.94 L-index

#	Paper	IF	Citations
382	Solid Lipid Nanoparticles Administering Antioxidant Grape Seed-Derived Polyphenol Compounds: A Potential Application in Aquaculture.. <i>Molecules</i> , 2022 , 27,	4.8	2
381	Chalcone appended Organosilanes and their silica nanoparticles based UV-Vis and fluorometric probes for Co ²⁺ ions detection. <i>Inorganica Chimica Acta</i> , 2022 , 535, 120827	2.7	1
380	Pyrazine-derived 1,2,3-triazole linked silanes and their magnetic nanoparticles for the colorimetric and fluorimetric dual sensing of Cu ²⁺ ions. <i>Journal of Molecular Structure</i> , 2022 , 1259, 132512	3.4	1
379	Immunomodulation and skin microbiota perturbations during an episode of chronic stress in gilthead seabream.. <i>Fish and Shellfish Immunology</i> , 2022 , 122, 234-245	4.3	0
378	Implication of mucus-secreting cells, acidophilic granulocytes and monocytes/macrophages in the resolution of skin inflammation caused by subcutaneous injection of α -carrageenin to gilthead seabream (<i>Sparus aurata</i>) specimens. <i>Journal of Fish Diseases</i> , 2022 , 45, 19-33	2.6	2
377	Functionalized organosilanes and their magnetic nanoparticles as receptor for Sn (II) ions detection and potent antioxidants. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131297	3.4	6
376	Nucleobases, Nucleosides and Nucleotides Determination in Yeasts Isolated from Extreme Environments. <i>Chromatographia</i> , 2022 , 85, 353-363	2.1	0
375	Nature-identical compounds as feed additives in aquaculture.. <i>Fish and Shellfish Immunology</i> , 2022 , 123, 409-416	4.3	2
374	Ultrasonography and X-ray micro-computed tomography characterization of the effects caused by carrageenin in the muscle of gilthead seabream (<i>Sparus aurata</i>).. <i>Fish and Shellfish Immunology</i> , 2022 , 123, 431-441	4.3	0
373	Pyridine derived organosilatrane and their silica nanoparticles as Turn-on Fluorescence sensor for selective detection of Zn ²⁺ ions and their cytotoxicity evaluation. <i>Inorganica Chimica Acta</i> , 2022 , 537, 120926	2.7	0
372	Benzothiazole tethered triazole based potential antibacterial agent as a selective fluorometric probe for the detection of Al ³⁺ ions and phenylalanine. <i>Journal of Molecular Structure</i> , 2022 , 1262, 132967	3.4	1
371	Massive gene expansion of hepcidin, a host defense peptide, in gilthead seabream (<i>Sparus aurata</i>).. <i>Fish and Shellfish Immunology</i> , 2022 , 124, 563-571	4.3	0
370	A veratraldehyde-appended organosilicon probe and its hybrid silica nanoparticles as a dual chemosensor for colorimetric and fluorimetric detection of Cu ²⁺ and Fe ³⁺ ions. <i>New Journal of Chemistry</i> , 2021 , 46, 370-384	3.6	1
369	Design of New Bis-triazolyl Structure for Identification of Inhibitory Activity on COVID-19 Main Protease by Molecular Docking Approach. <i>Journal of Molecular Structure</i> , 2021 , 1250, 131858	3.4	0
368	A Bioactive Extract Rich in Triterpenic Acid and Polyphenols from Promotes Systemic Immunity and Protects Atlantic Salmon Smolts Against Furunculosis. <i>Frontiers in Immunology</i> , 2021 , 12, 737601	8.4	0
367	Design and synthesis of 4-aminoantipyrine appended triazole linked bis-organosilane and their silica nanoparticles for selective recognition of Fe ³⁺ ions. <i>Journal of Molecular Structure</i> , 2021 , 1250, 131766	3.4	1
366	Acute inflammatory response in the skin of gilthead seabream (<i>Sparus aurata</i>) caused by carrageenin. <i>Fish and Shellfish Immunology</i> , 2021 , 119, 623-634	4.3	2

365	Benzothiazole Encapped Silane and Its Nano Composites for Sequential Detection of Copper Ions and Cysteine in Aqueous Solution. <i>ChemistrySelect</i> , 2021 , 6, 2281-2287	1.8	2
364	Ultrasonography study of the skin wound healing process in gilthead seabream (<i>Sparus aurata</i>). <i>Journal of Fish Diseases</i> , 2021 , 44, 1091-1100	2.6	1
363	Immunity and inflammatory responses in gilthead sea bream (<i>Sparus aurata</i> L.) exposed to sub-lethal mixture of carbamazepine, cadmium chloride and polybrominated diphenyl ether. <i>Fish and Shellfish Immunology</i> , 2021 , 111, 25-35	4.3	2
362	Antimicrobial Power of Organic Acids and Nature-Identical Compounds against Two spp.: An In Vitro Study. <i>Microorganisms</i> , 2021 , 9,	4.9	3
361	Wound-Induced Changes in Antioxidant Enzyme Activities in Skin Mucus and in Gene Expression in the Skin of Gilthead Seabream (<i>Sparus aurata</i> L.). <i>Fishes</i> , 2021 , 6, 15	2.5	1
360	Alteration of the Immune Response and the Microbiota of the Skin during a Natural Infection by in European Seabass (). <i>Microorganisms</i> , 2021 , 9,	4.9	4
359	Impact of grape pomace flour (GPF) on immunity and immune-antioxidant-anti-inflammatory genes expression in <i>Labeo rohita</i> against <i>Flavobacterium columnaris</i> . <i>Fish and Shellfish Immunology</i> , 2021 , 111, 69-82	4.3	8
358	Effects of subcutaneous injection of T carrageenin on the immune and liver antioxidant status of gilthead seabream (<i>Sparus aurata</i>). <i>Journal of Fish Diseases</i> , 2021 , 44, 1449-1462	2.6	2
357	Characterization and Biotechnological Potential of Two Native Marine Microalgae Isolated from the Tunisian Coast. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5295	2.6	1
356	Role of mucosal immune response and histopathological study in European eel (<i>Anguilla anguilla</i> L.) intraperitoneal challenged by <i>Vibrio anguillarum</i> or <i>Tenacibaculum soleae</i> . <i>Fish and Shellfish Immunology</i> , 2021 , 114, 330-339	4.3	2
355	Synthesis, Characterization, Hydrolytic Stability, Nickel(II) Chloride Complex and Anti-Parasitic Activity of Pyrene-Tethered Silatranes. <i>Polycyclic Aromatic Compounds</i> , 2021 , 41, 173-183	1.3	1
354	Herbal Immunomodulators in Aquaculture. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021 , 29, 33-57	8.3	45
353	Review of inflammation in fish and value of the zebrafish model. <i>Journal of Fish Diseases</i> , 2021 , 44, 123-130	12	12
352	Triazole Containing Salicylimine Linked Organosilocane for Recognition of Ce ³⁺ Ions in Aqueous Media. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 997-1005	3.2	3
351	Design, synthesis and photophysical aspects of 1,2,3-triazole appended Schiff base functionalized silanes and silatranes. <i>New Journal of Chemistry</i> , 2021 , 45, 17356-17365	3.6	0
350	Role of non-conventional hydrogen bonding in controlling regioselectivity for nucleophilic aromatic substitution of 4,6-dinitroisindoline-1,3-dione with 1,2,3-triazole isomers: a computational studies. <i>Structural Chemistry</i> , 2021 , 32, 1269-1278	1.8	0
349	Organosilanes and their magnetic nanoparticles as naked eye red emissive sensors for Ag ⁺ ions and potent anti-oxidants. <i>New Journal of Chemistry</i> , 2021 , 45, 5517-5525	3.6	11
348	Molecular characterization of the T cell costimulatory receptors CD28 and CTLA4 in the European sea bass. <i>Fish and Shellfish Immunology</i> , 2021 , 109, 106-115	4.3	5

347	Phytochemical Compounds and Biological Properties of Carob Pods (<i>Ceratonia siliqua</i> L.) Extracts at Different Ripening Stages. <i>Waste and Biomass Valorization</i> , 2021 , 12, 4975-4990	3.2	2
346	Probiotic properties of <i>Debaryomyces hansenii</i> BCS004 and their immunostimulatory effect in supplemented diets for gilthead seabream (<i>Sparus aurata</i>). <i>Aquaculture Research</i> , 2021 , 52, 2715-2726	1.9	1
345	Changes in rainbow trout (<i>Oncorhynchus mykiss</i>) growth and mucosal immune parameters after dietary administration of grape (<i>Vitis vinifera</i>) seed extract. <i>Fish Physiology and Biochemistry</i> , 2021 , 47, 547-563	2.7	4
344	Daily rhythms in the morphometric parameters of hepatocytes and intestine of the European sea bass (<i>Dicentrarchus labrax</i>): influence of feeding time and hepatic zonation. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021 , 191, 503-515	2.2	1
343	Functionalized Nanoplastics (NPs) Increase the Toxicity of Metals in Fish Cell Lines. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
342	In silico and gene expression analysis of the acute inflammatory response of gilthead seabream (<i>Sparus aurata</i>) after subcutaneous administration of carrageenin. <i>Fish Physiology and Biochemistry</i> , 2021 , 47, 1623-1643	2.7	2
341	Synthesis and Characterization of Antioxidant Biphenyl Appended 1,2,3-Triazoles as Potential Chemo-Sensor for Sn ²⁺ Ions: Excellent Selectivity and Low Detection Limit. <i>ChemistrySelect</i> , 2021 , 6, 7613-7621	1.8	5
340	<i>Yarrowia lipolytica</i> , health benefits for animals. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 7577-7592	5.7	1
339	Synthesis, characterization and UV-Visible study of schiff base-acetylene functionalized organosilatrane receptor for the dual detection of Zn ²⁺ and Co ²⁺ ions. <i>Inorganica Chimica Acta</i> , 2021 , 525, 120465	2.7	5
338	Anthracene-Based Triazolyl Triethoxysilanes as Selective and Colorimetric Sensor for Cysteine: Rationalization towards Stability Factors, Therapeutics Evaluation and Molecular Docking. <i>ChemistrySelect</i> , 2021 , 6, 8899-8911	1.8	0
337	Atypical <i>Salmonella</i> Typhimurium persistence in the pacific oyster, <i>Crassostrea gigas</i> , and its effect on the variation of gene expression involved in the oyster's immune system. <i>Microbial Pathogenesis</i> , 2021 , 160, 105185	3.8	
336	Design of pyrene functionalized triazole linked organosilane for specific detection of Ce ³⁺ ions. <i>Journal of Molecular Structure</i> , 2021 , 1243, 130787	3.4	0
335	Designing of chalcone functionalized 1,2,3-triazole allied bis-organosilanes as potent antioxidants and optical sensor for recognition of Sn ²⁺ and Hg ²⁺ ions. <i>Journal of Organometallic Chemistry</i> , 2021 , 953, 122049	2.3	4
334	A quick microwave preparation of isatin hydrazone schiff base conjugated organosilicon compounds: Exploration of their antibacterial, antifungal, and antioxidative potentials. <i>Journal of Organometallic Chemistry</i> , 2021 , 953, 122051	2.3	3
333	Schiff base-functionalized silatrane-based receptor as a potential chemo-sensor for the detection of Al ³⁺ ions. <i>New Journal of Chemistry</i> , 2021 , 45, 7850-7859	3.6	13
332	The first report of X-ray characterized organosilatrane-based receptors for the electrochemical analysis of Al ³⁺ ions. <i>New Journal of Chemistry</i> , 2021 , 45, 16083-16091	3.6	1
331	Bactericidal effect on skin mucosa of dietary guava (<i>Psidium guajava</i> L.) leaves in hybrid tilapia (<i>Oreochromis niloticus</i> [D. mossambicus]). <i>Journal of Ethnopharmacology</i> , 2020 , 259, 112838	5	3
330	Effect of probiotic supplementation on oxidative stress markers in rats with diclofenac-induced hepatotoxicity. <i>Brazilian Journal of Microbiology</i> , 2020 , 51, 1615-1622	2.2	6

329	Skin wound healing in gilthead seabream (<i>Sparus aurata</i> L.) fed diets supplemented with arginine. <i>Fish and Shellfish Immunology</i> , 2020 , 104, 347-358	4.3	6
328	Administration of watermelon rind powder to Nile tilapia (<i>Oreochromis niloticus</i>) culture under biofloc system: Effect on growth performance, innate immune response, and disease resistance. <i>Aquaculture</i> , 2020 , 528, 735574	4.4	7
327	Effect of <i>Jasonia glutinosa</i> on immune and oxidative status of gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2020 , 100, 58-69	4.3	7
326	Designing the recognition of Sn ²⁺ ions and antioxidants: N-heterocyclic organosilatrane and their magnetic nanocomposites. <i>New Journal of Chemistry</i> , 2020 , 44, 6238-6250	3.6	13
325	Inclusion of dietary <i>Ulva ohnoi</i> 5% modulates <i>Solea senegalensis</i> immune response during <i>Photobacterium damsela</i> subsp. <i>piscicida</i> infection. <i>Fish and Shellfish Immunology</i> , 2020 , 100, 186-197	4.3	9
324	Synthesis, characterization, toxic substructure prediction, hepatotoxicity evaluation, marine pathogenic bacteria inhibition, and DFT calculations of a new hydrazone derived from isoniazid. <i>Journal of Molecular Structure</i> , 2020 , 1221, 128817	3.4	1
323	Effect of dietary supplementation with yeast <i>Saccharomyces cerevisiae</i> on skin, serum and liver of gilthead seabream (<i>Sparus aurata</i> L.). <i>Journal of Fish Biology</i> , 2020 , 97, 869-881	1.9	5
322	Immunological and antibiofilm property of haemocyanin purified from grooved tiger shrimp (<i>Penaeus semisulcatus</i>): An in vitro and in silico approach. <i>Microbial Pathogenesis</i> , 2020 , 147, 104253	3.8	2
321	An in vitro study of the effect of carob (<i>Ceratonia siliqua</i> L.) leaf extracts on gilthead seabream (<i>Sparus aurata</i> L.) leucocyte activities. Antioxidant, cytotoxic and bactericidal properties. <i>Fish and Shellfish Immunology</i> , 2020 , 99, 35-43	4.3	5
320	Regioselective synthesis of 1,2,4-trisubstituted imidazole from a mechanistic and synthetic prospective. <i>Synthetic Communications</i> , 2020 , 50, 700-709	1.7	4
319	Effect of Light/Dark Cycle on Skin Mucosal Immune Activities of Gilthead Seabream (<i>Sparus aurata</i>) and European Sea Bass (<i>Dicentrarchus labrax</i>). <i>Fishes</i> , 2020 , 5, 10	2.5	1
318	Influence of skin wounds on the intestinal inflammatory response and barrier function: Protective role of dietary <i>Shewanella putrefaciens</i> SpPdp11 administration to gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2020 , 99, 414-423	4.3	13
317	Effects of dietary <i>Origanum vulgare</i> on gilthead seabream (<i>Sparus aurata</i> L.) immune and antioxidant status. <i>Fish and Shellfish Immunology</i> , 2020 , 99, 452-461	4.3	24
316	Dietary supplementation of drumstick tree, <i>Moringa oleifera</i> , improves mucosal immune response in skin and gills of seabream, <i>Sparus aurata</i> , and attenuates the effect of hydrogen peroxide exposure. <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 981-996	2.7	16
315	The growth promoting and immunomodulatory effects of a medicinal plant leaf extract obtained from <i>Salvia officinalis</i> and <i>Lippia citriodora</i> in gilthead seabream (<i>Sparus aurata</i>). <i>Aquaculture</i> , 2020 , 524, 735291	4.4	15
314	Dietary administration effects of exopolysaccharide from potential probiotic strains on immune and antioxidant status and nutritional value of European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Research in Veterinary Science</i> , 2020 , 131, 51-58	2.5	8
313	Insights on Ecotoxicological Effects of Microplastics in Marine Ecosystems: The EPHEMARE Project. <i>Springer Water</i> , 2020 , 12-19	0.3	
312	Differential Effects of Dietary Supplementation of Krill Meal, Soybean Meal, Butyrate, and Bactocell on the Gene Expression of Atlantic Salmon Head Kidney. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4

311	In vitro and in vivo effects of purslane (<i>Portulaca oleracea</i> L.) on gilthead seabream (<i>Sparus aurata</i> L.). <i>AIMS Agriculture and Food</i> , 2020 , 5, 799-824	1.2	0
310	Effects of inflammation and/or infection on the neuroendocrine control of fish intestinal motility: A review. <i>Fish and Shellfish Immunology</i> , 2020 , 103, 342-356	4.3	4
309	CuAAC-enssembled 1,2,3-triazole-linked isosteres as pharmacophores in drug discovery: review.. <i>RSC Advances</i> , 2020 , 10, 5610-5635	3.7	84
308	Design, crystal structures and sustainable synthesis of family of antipyrine derivatives: Abolish to bacterial and parasitic infection. <i>Journal of Molecular Structure</i> , 2020 , 1199, 127010	3.4	6
307	Click-Derived Uracil-Appended Organosilatranyl Scaffolds: Synthesis, Antibacterial Characteristics, Pb2+ Binding and Fabrication of Hybrid Silica Nanoparticles. <i>ChemistrySelect</i> , 2020 , 5, 284-292	1.8	1
306	The effect of fishwort (<i>Houttuynia cordata</i>) on skin mucosal, serum immunities, and growth performance of Nile tilapia. <i>Fish and Shellfish Immunology</i> , 2020 , 98, 193-200	4.3	14
305	Effects of rearing density on growth, digestive conditions, welfare indicators and gut bacterial community of gilthead sea bream (<i>Sparus aurata</i> , L. 1758) fed different fishmeal and fish oil dietary levels. <i>Aquaculture</i> , 2020 , 518, 734854	4.4	10
304	Establishment of a brain cell line (FuB-1) from mummichog (<i>Fundulus heteroclitus</i>) and its application to fish virology, immunity and nanoplastics toxicology. <i>Science of the Total Environment</i> , 2020 , 708, 134821	10.2	18
303	Polycyclic aromatic hydrocarbon functionalized organosilocanes based chemosensors: Synthesis, magnetic nanoparticles and biological application. <i>Journal of Molecular Structure</i> , 2020 , 1221, 128811	3.4	2
302	Dietary supplementation with <i>Gracilaria</i> sp. by-products modulates stress response, antioxidant and immune systems of gilthead seabream (<i>Sparus aurata</i>) exposed to crowding. <i>Journal of Applied Phycology</i> , 2020 , 32, 4347-4359	3.2	2
301	Tryptophan conjugated magnetic nanoparticles for targeting tumors overexpressing indoleamine 2,3 dioxygenase (IDO) and L-type amino acid transporter. <i>Journal of Materials Science: Materials in Medicine</i> , 2020 , 31, 87	4.5	2
300	Radiological characterization of gilthead seabream (<i>Sparus aurata</i>) fat by X-ray micro-computed tomography. <i>Scientific Reports</i> , 2020 , 10, 10527	4.9	4
299	Dietary administration of the probiotic <i>Shewanella putrefaciens</i> to experimentally wounded gilthead seabream (<i>Sparus aurata</i> L.) facilitates the skin wound healing. <i>Scientific Reports</i> , 2020 , 10, 11029	4.9	5
298	The alleviation of skin wound-induced intestinal barrier dysfunction via modulation of TLR signalling using arginine in gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2020 , 107, 519-528	4.3	3
297	Establishment of a brain cell line (SaB-1) from gilthead seabream and its application to fish virology. <i>Fish and Shellfish Immunology</i> , 2020 , 106, 161-166	4.3	5
296	Effects of aqueous and ethanolic leaf extracts from drumstick tree (<i>Moringa oleifera</i>) on gilthead seabream (<i>Sparus aurata</i> L.) leucocytes, and their cytotoxic, antitumor, bactericidal and antioxidant activities. <i>Fish and Shellfish Immunology</i> , 2020 , 106, 44-55	4.3	16
295	First Report on the Synthesis of Antipyrine Crowned Siloxy Framework: Optical Recognition of Fe2+ and Hg2+ Ions. <i>ChemistrySelect</i> , 2020 , 5, 8823-8830	1.8	5
294	Radiological characterization of gilthead seabream (<i>Sparus aurata</i>) by X-ray computed tomography. <i>Journal of Fish Biology</i> , 2020 , 97, 1440-1447	1.9	3

293	Synthesis and X-ray characterization of antipyrine-tethered organosilanes and their magnetic nanoparticles: potent anti-oxidants and receptors for Sn(II) ions. <i>New Journal of Chemistry</i> , 2020 , 44, 15157-15168	3.6	6
292	Synthesis of organosilocene allied N-heteroaryl Schiff base chemosensor for the detection of Cu ²⁺ metal ions and their biological applications. <i>New Journal of Chemistry</i> , 2020 , 44, 13542-13552	3.6	5
291	Probiotic (SpPdp11) as a Fish Health Modulator: A Review. <i>Microorganisms</i> , 2020 , 8,	4.9	12
290	Design and Synthesis of Heterocyclic Encapsulated Organosilatrane for In Silico, In Vitro Antioxidant and Cytotoxicity Evaluation. <i>ChemistrySelect</i> , 2020 , 5, 15055-15060	1.8	
289	Antimicrobial peptides from fish: beyond the fight against pathogens. <i>Reviews in Aquaculture</i> , 2020 , 12, 224-253	8.9	32
288	Boosted Growth Performance, Mucosal and Serum Immunity, and Disease Resistance Nile Tilapia (<i>Oreochromis niloticus</i>) Fingerlings Using Corn-cob-Derived Xylooligosaccharide and <i>Lactobacillus plantarum</i> CR1T5. <i>Probiotics and Antimicrobial Proteins</i> , 2020 , 12, 400-411	5.5	14
287	The effects gotu kola (<i>Centella asiatica</i>) powder on growth performance, skin mucus, and serum immunity of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Aquaculture Reports</i> , 2020 , 16, 100239	2.3	24
286	NK-lysin, dicentracin and hepcidin antimicrobial peptides in European sea bass. Ontogenetic development and modulation in juveniles by nodavirus. <i>Developmental and Comparative Immunology</i> , 2020 , 103, 103516	3.2	10
285	Host-Associated Probiotics: A Key Factor in Sustainable Aquaculture. <i>Reviews in Fisheries Science and Aquaculture</i> , 2020 , 28, 16-42	8.3	85
284	Probiotic properties and fatty acid composition of the yeast <i>Kluyveromyces lactis</i> M3. In vivo immunomodulatory activities in gilthead seabream (<i>Sparus aurata</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 94, 389-397	4.3	11
283	Mushrooms, Seaweed, and Their Derivatives as Functional Feed Additives for Aquaculture: An Updated View. <i>Studies in Natural Products Chemistry</i> , 2019 , 62, 41-90	1.5	5
282	Synthesis and characterization of microwave-assisted biologically active triazole silanes. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4695	3.1	5
281	First report of silver ion recognition via a silatrane-based receptor: excellent selectivity, low detection limit and good applicability. <i>New Journal of Chemistry</i> , 2019 , 43, 5525-5530	3.6	17
280	Recombinant nodavirus vaccine produced in bacteria and administered without purification elicits humoral immunity and protects European sea bass against infection. <i>Fish and Shellfish Immunology</i> , 2019 , 88, 458-463	4.3	16
279	2,5-Dimercapto-1,3,4-Thiadiazole Tethered β -Propylsilatrane: Syntheses, Characterization, UV-Vis and Electrochemical Studies. <i>Silicon</i> , 2019 , 11, 2575-2582	2.4	1
278	Sub-lethal doses of polybrominated diphenyl ethers affect some biomarkers involved in energy balance and cell cycle, via oxidative stress in the marine fish cell line SAF-1. <i>Aquatic Toxicology</i> , 2019 , 210, 1-10	5.1	14
277	Mucosal and systemic immune responses in Senegalese sole (<i>Solea senegalensis</i> Kaup) bath challenged with <i>Tenacibaculum maritimum</i> : A time-course study. <i>Fish and Shellfish Immunology</i> , 2019 , 87, 744-754	4.3	13
276	Dietary supplementation of selenium nanoparticles modulated systemic and mucosal immune status and stress resistance of red sea bream (<i>Pagrus major</i>). <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 219-230	2.7	53

275	Effects of BDE-47 exposure on immune-related parameters of <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2019 , 215, 105266	5.1	8
274	The effects of Thai ginseng, <i>Boesenbergia rotunda</i> powder on mucosal and serum immunity, disease resistance, and growth performance of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Aquaculture</i> , 2019 , 513, 734388	4.4	37
273	2,5-Dimercapto-1,3,4-Thiadiazole Tethered β -Propylsilatrane: Syntheses, Characterization, UV-Vis and Electrochemical Studies. <i>Silicon</i> , 2019 , 11, 2583-2589	2.4	1
272	Effects of elephant's foot (<i>Elephantopus scaber</i>) extract on growth performance, immune response, and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Fish and Shellfish Immunology</i> , 2019 , 93, 328-335	4.3	29
271	Effects of Assam tea extract on growth, skin mucus, serum immunity and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) against <i>Streptococcus agalactiae</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 93, 428-435	4.3	81
270	Effects of dietary dehydrated lemon peel on some biochemical markers related to general metabolism, welfare and stress in gilthead seabream (<i>Sparus aurata</i> L.). <i>Aquaculture Research</i> , 2019 , 50, 3181-3191	1.9	5
269	Fish Granzyme A Shows a Greater Role Than Granzyme B in Fish Innate Cell-Mediated Cytotoxicity. <i>Frontiers in Immunology</i> , 2019 , 10, 2579	8.4	10
268	Dietary administration of PVC and PE microplastics produces histological damage, oxidative stress and immunoregulation in European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Fish and Shellfish Immunology</i> , 2019 , 95, 574-583	4.3	60
267	Solid lipid nanoparticles made of self-emulsifying lipids for efficient encapsulation of hydrophilic substances 2019 ,		6
266	Assessment of <i>Streptococcus thermophilus</i> Antioxidant Efficiency and its Role in Reducing Paracetamol Hepatotoxicity. <i>Iranian Journal of Biotechnology</i> , 2019 , 17, e2061	1	0
265	European sea bass brain DLB-1 cell line is susceptible to nodavirus: A transcriptomic study. <i>Fish and Shellfish Immunology</i> , 2019 , 86, 14-24	4.3	18
264	Probiotic effects of marine <i>Debaryomyces hansenii</i> CBS 8339 on innate immune and antioxidant parameters in newborn goats. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 2339-2352	5.7	14
263	A strategic approach to the synthesis of ferrocene appended chalcone linked triazole allied organosilatrane: Antibacterial, antifungal, antiparasitic and antioxidant studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 188-195	3.4	29
262	Acetylenic Indole-Encapsulated Schiff Bases: Synthesis, In Silico Studies as Potent Antimicrobial Agents, Cytotoxic Evaluation and Synergistic Effects. <i>ChemistrySelect</i> , 2018 , 3, 2366-2375	1.8	5
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255	Inorganic arsenic causes apoptosis cell death and immunotoxicity on European sea bass (<i>Dicentrarchus labrax</i>). <i>Marine Pollution Bulletin</i> , 2018 , 128, 324-332	6.7	14
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249	Changes in natural haemolytic complement activity induced by stress in gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2018 , 78, 317-321	4.3	12
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246	Selective mercury ion recognition using a methyl red (MR) based silatrane sensor. <i>New Journal of Chemistry</i> , 2018 , 42, 6315-6321	3.6	9
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244	Oxidative stress is associated with late-stage amoebic gill disease in farmed Atlantic salmon (<i>Salmo salar</i> L.). <i>Journal of Fish Diseases</i> , 2018 , 41, 383-387	2.6	5
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240	Assessment of the Scales of Gilthead Seabream (<i>Sparus aurata</i> L.) by Image Analysis and Atomic Force Microscopy. <i>Fishes</i> , 2018 , 3, 9	2.5	1

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238	In vitro effects of <i>Origanum vulgare</i> leaf extracts on gilthead seabream (<i>Sparus aurata</i> L.) leucocytes, cytotoxic, bactericidal and antioxidant activities. <i>Fish and Shellfish Immunology</i> , 2018 , 79, 1-10	4.3	52
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217	Quality and antioxidant response of gilthead seabream (<i>Sparus aurata</i> L.) to dietary supplements of fenugreek (<i>Trigonella foenum graecum</i>) alone or combined with probiotic strains. <i>Fish and Shellfish Immunology</i> , 2017 , 63, 277-284	4.3	18
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131	In vitro characterization of 6-Coumarin loaded solid lipid nanoparticles and their uptake by immunocompetent fish cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 127, 79-88	6	21
130	Chalcomer assembly of optical chemosensors for selective Cu ²⁺ and Ni ²⁺ ion recognition. <i>RSC Advances</i> , 2015 , 5, 12644-12654	3.7	24
129	Single or combined effects of <i>Lactobacillus sakei</i> and inulin on growth, non-specific immunity and IgM expression in leopard grouper (<i>Mycteroperca rosacea</i>). <i>Fish Physiology and Biochemistry</i> , 2014 , 40, 1169-80	2.7	25
128	Seasonal variations of the humoral immune parameters of European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Fish and Shellfish Immunology</i> , 2014 , 39, 185-7	4.3	22
127	The effects of dietary xylooligosaccharide on mucosal parameters, intestinal microbiota and morphology and growth performance of Caspian white fish (<i>Rutilus frisii kutum</i>) fry. <i>Fish and Shellfish Immunology</i> , 2014 , 39, 231-6	4.3	84
126	Comparative skin mucus and serum humoral defence mechanisms in the teleost gilthead seabream (<i>Sparus aurata</i>). <i>Fish and Shellfish Immunology</i> , 2014 , 36, 545-51	4.3	161
125	Synthetic approach towards click-modified chalcone based organotriethoxysilanes; UV-Vis study. <i>RSC Advances</i> , 2014 , 4, 60853-60865	3.7	16
124	Design and syntheses of novel fluorescent organosilicon-based chemosensors through click silylation: detection of biogenic amines. <i>RSC Advances</i> , 2014 , 4, 36834-36844	3.7	36
123	Effect of dietary supplementation of probiotics and palm fruits extracts on the antioxidant enzyme gene expression in the mucosae of gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2014 , 39, 532-40	4.3	79
122	Molecular mechanisms by which white tea prevents oxidative stress. <i>Journal of Physiology and Biochemistry</i> , 2014 , 70, 891-900	5	19
121	Pathogen bacteria adhesion to skin mucus of fishes. <i>Veterinary Microbiology</i> , 2014 , 171, 1-12	3.3	118
120	Comparative analysis of the humoral immunity of skin mucus from several marine teleost fish. <i>Fish and Shellfish Immunology</i> , 2014 , 40, 24-31	4.3	111
119	The treatment with the probiotic <i>Shewanella putrefaciens</i> Pdp11 of specimens of <i>Solea senegalensis</i> exposed to high stocking densities to enhance their resistance to disease. <i>Fish and Shellfish Immunology</i> , 2014 , 41, 209-21	4.3	44
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116	Benzoquinone Derivative and Sarsasapogenin Glycoside from <i>Asparagus curillus</i> . <i>Chemistry of Natural Compounds</i> , 2014 , 50, 865-867	0.7	
115	Dietary administration of β -1,3/1,6-glucan and probiotic strain <i>Shewanella putrefaciens</i> , single or combined, on gilthead seabream growth, immune responses and gene expression. <i>Fish and Shellfish Immunology</i> , 2014 , 39, 34-41	4.3	81
114	Innate humoral immune parameters in <i>Tilapia zillii</i> under acute stress by low temperature and crowding. <i>Fish Physiology and Biochemistry</i> , 2014 , 40, 797-804	2.7	12

113	Synthesis, Characterization, and Reactivity of 1-Ethoxysilatrane. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013 , 43, 1107-1111		5
112	Dietary galactooligosaccharide affects intestinal microbiota, stress resistance, and performance of Caspian roach (<i>Rutilus rutilus</i>) fry. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1416-20	4.3	78
111	Dietary administration of microalgae <i>Navicula</i> sp. affects immune status and gene expression of gilthead seabream (<i>Sparus aurata</i>). <i>Fish and Shellfish Immunology</i> , 2013 , 35, 883-9	4.3	53
110	Regulation of natural killer enhancing factor (NKEF) genes in teleost fish, gilthead seabream and European sea bass. <i>Molecular Immunology</i> , 2013 , 55, 275-82	4.3	24
109	Effects of dietary inulin, <i>Bacillus subtilis</i> and microalgae on intestinal gene expression in gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2013 , 34, 843-8	4.3	69
108	Androstane-Type Steroidal Glycoside from the Roots of <i>Asparagus curillus</i> Buch.-Ham. ex Roxb.. <i>Helvetica Chimica Acta</i> , 2013 , 96, 520-524	2	1
107	Evaluation of biotinylated magnetic nanoparticles for tumour imaging. <i>Journal of Materials Science</i> , 2013 , 48, 3913-3925	4.3	5
106	Immunotoxicological effects of inorganic arsenic on gilthead seabream (<i>Sparus aurata</i> L.). <i>Aquatic Toxicology</i> , 2013 , 134-135, 112-9	5.1	32
105	Influence of melatonin on the immune system of fish: a review. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 7979-99	6.3	42
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103	2-Furancarbinol complexes of silicon: Synthesis, Characterization and Reactivity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 ,	1	1
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6	Ultrastructure of the peritoneal exudate cells of seawater teleosts, seabream (<i>Sparus aurata</i>) and sea bass (<i>Dicentrarchus labrax</i>). <i>Cell and Tissue Research</i> , 1993 , 273, 301-307	4.2	41

5	Blood cells of the gilthead seabream (<i>Sparus aurata</i> L.): light and electron microscopic studies. <i>The Anatomical Record</i> , 1992 , 234, 161-71	48
4	Stromal cells, macrophages and lymphoid cells in the head-kidney of sea bass (<i>Dicentrarchus labrax</i> L.). An ultrastructural study. <i>Archives of Histology and Cytology</i> , 1991 , 54, 299-309	60
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2	Erythropoiesis and thrombopoiesis in the head-kidney of the sea bass (<i>Dicentrarchus labrax</i> L.): an ultrastructural study. <i>Archives of Histology and Cytology</i> , 1989 , 52, 407-19	46
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