

# Xin Qi

## List of Publications by Year in descending order

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73  
papers

1,094  
citations

393982

19  
h-index

525886

27  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular identification of GnIH/GnIHR signal and its reproductive function in protogynous hermaphroditic orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>General and Comparative Endocrinology</i> , 2015, 216, 9-23.	0.8	64
2	Identification of mapk gene family in <i>Lateolabrax maculatus</i> and their expression profiles in response to hypoxia and salinity challenges. <i>Gene</i> , 2019, 684, 20-29.	1.0	49
3	Genome-wide identification and characterization of toll-like receptor genes in spotted sea bass ( <i>Lateolabrax maculatus</i> ) and their involvement in the host immune response to <i>Vibrio harveyi</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 92, 782-791.	1.6	34
4	Identification of epipolythiodioxopiperazines HDN-1 and chaetocin as novel inhibitor of heat shock protein 90. <i>Oncotarget</i> , 2015, 6, 5263-5274.	0.8	32
5	Na <sup>+</sup> -K <sup>+</sup> -ATPase and nka genes in spotted sea bass ( <i>Lateolabrax maculatus</i> ) and their involvement in salinity adaptation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 235, 69-81.	0.8	32
6	Environmental hypoxia causes growth retardation, osteoclast differentiation and calcium dyshomeostasis in juvenile rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Science of the Total Environment</i> , 2020, 705, 135272.	3.9	32
7	Heterologous xylose isomerase pathway and evolutionary engineering improve xylose utilization in <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1165.	1.5	31
8	Marine bromophenol bis(2,3-dibromo-4,5-dihydroxybenzyl) ether, represses angiogenesis in HUVEC cells and in zebrafish embryos via inhibiting the VEGF signal systems. <i>Biomedicine and Pharmacotherapy</i> , 2015, 75, 58-66.	2.5	30
9	Penicisulfuranol A, a novel C-terminal inhibitor disrupting molecular chaperone function of Hsp90 independent of ATP binding domain. <i>Biochemical Pharmacology</i> , 2019, 163, 404-415.	2.0	30
10	Structure-based discovery of cytotoxic dimeric tetrahydroxanthones as potential topoisomerase I inhibitors from a marine-derived fungus. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 268-278.	2.6	29
11	Characterization of Full-Length Transcriptome Sequences and Splice Variants of <i>Lateolabrax maculatus</i> by Single-Molecule Long-Read Sequencing and Their Involvement in Salinity Regulation. <i>Frontiers in Genetics</i> , 2019, 10, 1126.	1.1	29
12	Melanocortin-4 Receptor in Spotted Sea Bass, <i>Lateolabrax maculatus</i> : Cloning, Tissue Distribution, Physiology, and Pharmacology. <i>Frontiers in Endocrinology</i> , 2019, 10, 705.	1.5	28
13	Molecular Targets of Active Anticancer Compounds Derived from Marine Sources. <i>Marine Drugs</i> , 2018, 16, 175.	2.2	26
14	Marine <i>Streptomyces</i> sp. derived antimycin analogues suppress HeLa cells via depletion HPV E6/E7 mediated by ROS-dependent ubiquitin-proteasome system. <i>Scientific Reports</i> , 2017, 7, 42180.	1.6	25
15	The eEF2 kinase-induced STAT3 inactivation inhibits lung cancer cell proliferation by phosphorylation of PKM2. <i>Cell Communication and Signaling</i> , 2020, 18, 25.	2.7	23
16	Analysis of apolipoprotein multigene family in spotted sea bass ( <i>Lateolabrax maculatus</i> ) and their expression profiles in response to <i>Vibrio harveyi</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 92, 111-118.	1.6	22
17	MRTF-A-NF- $\kappa$ B/p53 axis-mediated PDL1 transcription and expression contributes to immune evasion of non-small-cell lung cancer via TGF- $\beta$ . <i>Experimental and Molecular Medicine</i> , 2021, 53, 1366-1378.	3.2	22
18	Metformin promotes anticancer activity of NK cells in a p38 MAPK dependent manner. <i>Oncolimmunology</i> , 2021, 10, 1995999.	2.1	22

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19	Identification of Gliotoxin isolated from marine fungus as a new pyruvate kinase M2 inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 594-600.	1.0	21
20	Anticancer efficacy and absorption, distribution, metabolism, and toxicity studies of Aspergiolide A in early drug development. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1965.	2.0	19
21	Molecular identification of StAR and 3 $\beta$ HSD1 and characterization in response to GnRH stimulation in protogynous hermaphroditic grouper ( <i>Epinephelus coioides</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 206, 26-34.	0.7	19
22	TAC3 Gene Products Regulate Brain and Digestive System Gene Expression in the Spotted Sea Bass ( <i>Lateolabrax maculatus</i> ). <i>Frontiers in Endocrinology</i> , 2019, 10, 556.	1.5	19
23	Estrogen directly stimulates Lhb expression at the pituitary level during puberty in female zebrafish. <i>Molecular and Cellular Endocrinology</i> , 2018, 461, 1-11.	1.6	18
24	First High-Density Linkage Map and QTL Fine Mapping for Growth-Related Traits of Spotted Sea bass ( <i>Lateolabrax maculatus</i> ). <i>Marine Biotechnology</i> , 2020, 22, 526-538.	1.1	18
25	Alternative splicing (AS) mechanism plays important roles in response to different salinity environments in spotted sea bass. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 50-60.	3.6	18
26	Dietary Recombinant Phycoerythrin Modulates the Gut Microbiota of H22 Tumor-Bearing Mice. <i>Marine Drugs</i> , 2019, 17, 665.	2.2	16
27	Gonadotropin-Inhibitory Hormone, the Piscine Ortholog of LPXRFa, Participates in 17 $\beta$ -Estradiol Feedback in Female Goldfish Reproduction. <i>Endocrinology</i> , 2017, 158, 860-873.	1.4	15
28	Melanocortin-4 receptor regulation of reproductive function in black rockfish ( <i>Sebastes schlegelii</i> ). <i>Gene</i> , 2020, 741, 144541.	1.0	15
29	Characterization of CYP11A1 and its potential role in sex asynchronous gonadal development of viviparous black rockfish <i>Sebastes schlegelii</i> (Serranidae). <i>General and Comparative Endocrinology</i> , 2021, 302, 113689.	0.8	15
30	$\beta$ 1,4-Galactosyltransferase V Modulates Breast Cancer Stem Cells through Wnt/ $\beta$ -catenin Signaling Pathway. <i>Cancer Research and Treatment</i> , 2020, 52, 1084-1102.	1.3	14
31	Polyhydroxylated Sterols from the South China Sea Gorgonian <i>Verrucella umbraculum</i> . <i>Helvetica Chimica Acta</i> , 2014, 97, 900-908.	1.0	13
32	Impact of monoolein on aquaporin1-based supported lipid bilayer membranes. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 045005.	2.8	13
33	Isocyclopamine, a novel synthetic derivative of cyclopamine, reverts doxorubicin resistance in MCF-7/ADR cells by increasing intracellular doxorubicin accumulation and downregulating breast cancer stem-like cells. <i>Tumor Biology</i> , 2016, 37, 1919-1931.	0.8	13
34	Evidence for the Direct Effect of the NPF Peptide on the Expression of Feeding-Related Factors in Spotted Sea Bass ( <i>Lateolabrax maculatus</i> ). <i>Frontiers in Endocrinology</i> , 2019, 10, 545.	1.5	13
35	FOXO1A promotes neuropeptide FF transcription subsequently regulating the expression of feeding-related genes in spotted sea bass ( <i>Lateolabrax maculatus</i> ). <i>Molecular and Cellular Endocrinology</i> , 2020, 517, 110871.	1.6	13
36	Identification of a novel non-ATP-competitive protein kinase inhibitor of PGK1 from marine nature products. <i>Biochemical Pharmacology</i> , 2021, 183, 114343.	2.0	12

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37	Arg-Vasotocin Directly Activates Isotocin Receptors and Induces COX2 Expression in Ovoviviparous Guppies. <i>Frontiers in Endocrinology</i> , 2021, 12, 617580.	1.5	12
38	A single intronic single nucleotide polymorphism in splicing site of steroidogenic enzyme <i>hsd17b1</i> is associated with phenotypic sex in oyster pompano, <i>Trachinotus anak</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212245.	1.2	12
39	Detection of aflatoxin B1 with a new label-free fluorescence aptasensor based on PVP-coated single-walled carbon nanohorns and SYBR Gold. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3087-3094.	1.9	12
40	Molecular identification of the Dyn/Kor system and its potential role in the reproductive axis of goldfish. <i>General and Comparative Endocrinology</i> , 2018, 257, 29-37.	0.8	11
41	Fungal mycotoxin penisuloxazin A, a novel C-terminal Hsp90 inhibitor and characteristics of its analogues on Hsp90 function related to binding sites. <i>Biochemical Pharmacology</i> , 2020, 182, 114218.	2.0	11
42	Cyclooxygenases of ovoviviparous black rockfish ( <i>Sebastes schlegelii</i> ): Cloning, tissue distribution and potential role in mating and parturition. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 257, 110677.	0.7	11
43	NF- $\kappa$ B signaling inhibition and anticancer activities of LLDT-246 on human colorectal cancer HCT-116 cells in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 527-535.	2.5	10
44	14-3-3 gene family in spotted sea bass ( <i>Lateolabrax maculatus</i> ): Genome-wide identification, phylogenetic analysis and expression profiles after salinity stress. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 235, 1-11.	0.8	10
45	Genome-wide identification of the Na <sup>+</sup> /H <sup>+</sup> exchanger gene family in <i>Lateolabrax maculatus</i> and its involvement in salinity regulation. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 286-298.	0.4	10
46	Identification, expression analysis, and functional characterization of motilin and its receptor in spotted sea bass ( <i>Lateolabrax maculatus</i> ). <i>General and Comparative Endocrinology</i> , 2019, 277, 38-48.	0.8	10
47	Trichothecin Inhibits Cancer-Related Features in Colorectal Cancer Development by Targeting STAT3. <i>Molecules</i> , 2020, 25, 2306.	1.7	10
48	Bioactive Steroids from a Marine-Derived Fungus <i>Penicillium</i> sp. from the South China Sea. <i>Chemistry of Natural Compounds</i> , 2014, 50, 568-570.	0.2	9
49	CA-1H, a novel oxazole bearing analogue of combretastatin A-4, disrupts the tumor vasculatures and inhibits the tumor growth via inhibiting tubulin polymerization. <i>Biomedicine and Pharmacotherapy</i> , 2016, 80, 151-161.	2.5	9
50	AS1041, a Novel Synthesized Derivative of Marine Natural Compound Aspergiolide A, Arrests Cell Cycle, Induces Apoptosis, and Inhibits ERK Activation in K562 Cells. <i>Marine Drugs</i> , 2017, 15, 346.	2.2	9
51	Effects of long-term crowding stress on neuro-endocrine-immune network of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 95, 180-189.	1.6	9
52	PNSA, a Novel C-Terminal Inhibitor of HSP90, Reverses Epithelial-Mesenchymal Transition and Suppresses Metastasis of Breast Cancer Cells In Vitro. <i>Marine Drugs</i> , 2021, 19, 117.	2.2	9
53	FGFR leads to sustained activation of STAT3 to mediate resistance to EGFR-TKIs treatment. <i>Investigational New Drugs</i> , 2021, 39, 1201-1212.	1.2	9
54	New insights on folliculogenesis and follicular placentation in marine viviparous fish black rockfish ( <i>Sebastes schlegelii</i> ). <i>Gene</i> , 2022, 827, 146444.	1.0	9

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55	Genome-wide identification and characterization of glucose transporter (glut) genes in spotted sea bass ( <i>Lateolabrax maculatus</i> ) and their regulated hepatic expression during short-term starvation. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 30, 217-229.	0.4	8
56	PGK1-coupled HSP90 stabilizes GSK3 $\beta$ expression to regulate the stemness of breast cancer stem cells. <i>Cancer Biology and Medicine</i> , 2021, 19, 486-503.	1.4	8
57	13-Oxyingenol dodecanoate, a cytotoxic ingenol derivative, induces mitochondrial apoptosis and caspase-dependent Akt decrease in K562 cells. <i>Tumor Biology</i> , 2016, 37, 6227-6238.	0.8	7
58	Slc4 Gene Family in Spotted Sea Bass ( <i>Lateolabrax maculatus</i> ): Structure, Evolution, and Expression Profiling in Response to Alkalinity Stress and Salinity Changes. <i>Genes</i> , 2020, 11, 1271.	1.0	7
59	Immune correlates of NF- $\kappa$ B and TNF $\alpha$ promoter DNA methylation in Japanese flounder ( <i>Paralichthys</i> ) Tj ETQq1 1 0.784314 rgBT /Ove Shellfish Immunology, 2021, 119, 578-586.	1.6	6
60	Design, Synthesis, and In Vitro/In Vivo Anti-Cancer Activities of Novel (20S)-10,11-Methylenedioxy-Camptothecin Heterocyclic Derivatives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8495.	1.8	4
61	SUV39H1 is a New Client Protein of Hsp90 Degradated by Chaetocin as a Novel C-Terminal Inhibitor of Hsp90. <i>Biomolecules and Therapeutics</i> , 2021, 29, 73-82.	1.1	4
62	Identification of a Novel Inhibitor of Tfr1 from Designed and Synthesized Muriceidine A Derivatives. <i>Antioxidants</i> , 2022, 11, 834.	2.2	4
63	HDN-1 induces cell differentiation toward apoptosis in promyelocytic leukemia cells depending on its selective effect on client proteins of Hsp90. <i>Toxicology and Applied Pharmacology</i> , 2021, 417, 115459.	1.3	3
64	A novel multi-target inhibitor harboring selectivity of inhibiting EGFR T790M sparing wild-type EGFR. <i>American Journal of Cancer Research</i> , 2017, 7, 1884-1898.	1.4	3
65	Identification, expression analysis, and functional characterization of ghrelin and its receptors in spotted sea bass ( <i>Lateolabrax maculatus</i> ). <i>Marine Life Science and Technology</i> , 2020, 2, 349-359.	1.8	2
66	Systematic identification and expression analysis of the Sox gene family in spotted sea bass ( <i>Lateolabrax maculatus</i> ). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 38, 100817.	0.4	2
67	Genome-Wide Characterization of Aquaporins (aqps) in <i>Lateolabrax maculatus</i> : Evolution and Expression Patterns During Freshwater Acclimation. <i>Marine Biotechnology</i> , 2021, 23, 696-709.	1.1	2
68	Molecular characterization and expression patterns of glucocorticoid receptors in the viviparous black rockfish <i>Sebastes schlegelii</i> . <i>General and Comparative Endocrinology</i> , 2022, 316, 113947.	0.8	2
69	Comparative transcriptomic analysis of gonadal development and renewal in the ovoviviparous black rockfish ( <i>Sebastes schlegelii</i> ). <i>BMC Genomics</i> , 2021, 22, 874.	1.2	2
70	Molecular characterization and expression patterns of nuclear androgen receptors in the ovoviviparous black rockfish <i>Sebastes schlegelii</i> . <i>Aquaculture and Fisheries</i> , 2022, 7, 454-461.	1.2	2
71	Kinetics of pentachlorophenol co-metabolism removal by micro-aeration sequencing batch reactor process. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 1507-1516.	1.2	1
72	Brain Transcriptomic Dataset During Parturition in Ovoviviparous <i>Sebastes schlegelii</i> . <i>Frontiers in Genetics</i> , 2022, 13, 840067.	1.1	1

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73	Gonadal lipidomics profile of an ovoviviparity teleost, black rockfish, during gonadal development. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 811-828.	0.9	0