Yan He

List of Publications by Year
in descending order

100	2,186	218677	289244
papers	citations	26 h-index	40 g-index

104	104	104	2296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immune and stress responses in oysters with insights on adaptation. Fish and Shellfish Immunology, 2015, 46, 107-119.	3.6	158
2	Transcriptome analysis reveals strong and complex antiviral response in a mollusc. Fish and Shellfish Immunology, 2015, 46, 131-144.	3.6	130
3	Regio- and Chemoselective Mono- and Bisnitration of 8-Amino quinoline Amides with Fe(NO₃)₃Â·9H₂O as Promoter and Nitro Source. Organic Letters, 2016, 18, 6054-6057.	4.6	76
4	Natural Variation in RNA m⁶A Methylation and Its Relationship with Translational Status. Plant Physiology, 2020, 182, 332-344.	4.8	73
5	Dynamics of DNA methylomes underlie oyster development. PLoS Genetics, 2017, 13, e1006807.	3.5	65
6	Transcriptome profiling based on proteinâ€“protein interaction networks provides a core set of genes for understanding blood immune response mechanisms against Edwardsiella tarda infection in Japanese flounder (Paralichthys olivaceus). Developmental and Comparative Immunology, 2018, 78, 100-113.	2.3	56
7	Transcriptome profiling provides gene resources for understanding gill immune responses in Japanese flounder (Paralichthys olivaceus) challenged with Edwardsiella tarda. Fish and Shellfish Immunology, 2018, 72, 593-603.	3.6	55
8	Comparative transcriptome analysis of ovary and testis reveals potential sex-related genes and pathways in spotted knifejaw Oplegnathus punctatus. Gene, 2017, 637, 203-210.	2.2	51
9	Mutation in promoter region of a serine protease inhibitor confers Perkinsus marinus resistance in the eastern oyster (Crassostrea virginica). Fish and Shellfish Immunology, 2012, 33, 411-417.	3.6	48
10	Tandem Reactions Leading to Benzo[c]chromenâ€6â€ones and 3â€Substituted Isocoumarins. European Journal of Organic Chemistry, 2012, 2012, 673-677.	2.4	46
11	The use of -omic tools in the study of disease processes in marine bivalve mollusks. Journal of Invertebrate Pathology, 2015, 131, 137-154.	3.2	45
12	Selective Cleavage and Tunable Functionalization of the Câ€“C/Câ€“N Bonds of N-Arylpiperidines Promoted by ^tBuONO. Organic Letters, 2019, 21, 1676-1680.	4.6	45
13	Recent advances in the functionalization of saturated cyclic amines. Organic Chemistry Frontiers, 2021, 8, 4582-4606.	4.5	45
14	A chromosomeâ€level genome of black rockfish, Sebastes schlegelii, provides insights into the evolution of live birth. Molecular Ecology Resources, 2019, 19, 1309-1321.	4.8	44
15	Synthesis of Î±-Formylated N-Heterocycles and Their 1,1-Diacetates from Inactivated Cyclic Amines Involving an Oxidative Ring Contraction. Organic Letters, 2018, 20, 864-867.	4.6	42
16	C(sp3)â€“H dehydrogenation and C(sp2)â€“H alkoxy carbonylation of inactivated cyclic amines towards functionalized N-heterocycles. Chemical Communications, 2017, 53, 4002-4005.	4.1	40
17	A duplicated amh is the master sex-determining gene for Sebastes rockfish in the Northwest Pacific. Open Biology, 2021, 11, 210063.	3.6	40
18	Sequencing-based network analysis provides a core set of gene resource for understanding kidney immune response against Edwardsiella tarda infection in Japanese flounder. Fish and Shellfish Immunology, 2017, 67, 643-654.	3.6	38

#	Article	IF	Citations
19	Catalyst-free synthesis of diversely substituted 6H-benzo[c]chromenes and 6H-benzo[c]chromen-6-ones in aqueous media under MWI. Green Chemistry, 2012, 14, 3429.	9.0	35
20	The zebrafish miRâ€462/miRâ€731 cluster is induced under hypoxic stress via hypoxiaâ€inducible factor 1Î± and functions in cellular adaptations. FASEB Journal, 2015, 29, 4901-4913.	0.5	35
21	FeCl₃â€“Catalyzed Cascade Reactions of Cyclic Amines with 2â€Oxoâ€2â€arylacetic Acids toward Furanâ€2(5H)â€one Fused N,Oâ€Bicyclic Compounds. Advanced Synthesis and Catalysis, 2018, 360, 261-266.	4.3	35
22	Transcriptome comparison reveals insights into muscle response to hypoxia in blunt snout bream () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	34
23	Transcriptome Profiling Insights the Feature of Sex Reversal Induced by High Temperature in Tongue Sole Cynoglossus semilaevis. Frontiers in Genetics, 2019, 10, 522.	2.3	34
24	Transcriptome analysis of the gonads of olive flounder (Paralichthys olivaceus). Fish Physiology and Biochemistry, 2016, 42, 1581-1594.	2.3	33
25	New urea-modified paper substrate for enhanced analytical performance of negative ion mode paper spray mass spectrometry. Talanta, 2017, 166, 306-314.	5.5	31
26	Tunable Synthesis of 3-Acyl-2-naphthols and 3-Substituted Isocoumarins via Jones Reagent Promoted Cascade Reactions of 2-(4-Hydroxy-but-1-ynyl)benzaldehydes. Journal of Organic Chemistry, 2013, 78, 10178-10191.	3.2	29
27	Effects of Acute Hypoxia and Reoxygenation on Physiological and Immune Responses and Redox Balance of Wuchang Bream (Megalobrama amblycephala Yih, 1955). Frontiers in Physiology, 2017, 8, 375.	2.8	29
28	Tandem reaction of 1,2-allenic ketone with Î±-halo ketone or Î±-halo ester in water: an efficient and sustainable synthesis of 1,3,4â€²-tricarbonyl compounds. Green Chemistry, 2011, 13, 3218.	9.0	27
29	Detection of Alternative Splice and Gene Duplication by RNA Sequencing in Japanese Flounder, Paralichthys olivaceus. G3: Genes, Genomes, Genetics, 2014, 4, 2419-2424.	1.8	27
30	Synthesis of naphthalene amino esters and arylnaphthalene lactone lignans through tandem reactions of 2-alkynylbenzonitriles. Chemical Communications, 2014, 50, 5641-5643.	4.1	27
31	Whole-genome resequencing from bulked-segregant analysis reveals gene set based association analyses for the Vibrio anguillarum resistance of turbot (Scophthalmus maximus). Fish and Shellfish Immunology, 2019, 88, 76-83.	3.6	27
32	Synthesis of Functionalized Cyclobutaneâ€Fused Naphthalene Derivatives via Cascade Reactions of Allenynes with tertâ€Butyl Nitrite. Advanced Synthesis and Catalysis, 2019, 361, 1271-1276.	4.3	25
33	Selective synthesis of pyrrolidin-2-ones and 3-iodopyrroles via the ring contraction and deformylative functionalization of piperidine derivatives. Organic and Biomolecular Chemistry, 2019, 17, 156-164.	2.8	25
34	Synthesis of diversely substituted 2-(furan-3-yl)acetates from allenols through cascade carbonylations. Chemical Communications, 2015, 51, 16263-16266.	4.1	23
35	Selective synthesis of Î²-nitrated N-heterocycles and N-nitroso-2-alkoxyamine aldehydes from inactivated cyclic amines promoted by ^tBuONO and oxoammonium salt. Chemical Communications, 2019, 55, 12372-12375.	4.1	23
36	Synthesis of Î²-Methylsulfonylated N-Heterocycles from Saturated Cyclic Amines with the Insertion of Sulfur Dioxide. Journal of Organic Chemistry, 2020, 85, 15600-15609.	3.2	23

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37	Synthesis of 1,2,3â€Trisubstituted Indolizines, Pyrrolo[1,2â€a]quinolines, and Pyrrolo[2,1â€a]isoquinolines from 1,2â€Allenyl Ketones. European Journal of Organic Chemistry, 2014, 2014, 713-717.	2.4	22
38	Synthesis of Functionalized Indole-1-oxide Derivatives via Cascade Reactions of Allenynes and tBuONO. Organic Letters, 2019, 21, 3918-3922.	4.6	22
39	Application of Brassinosteroid Mimetics Improves Growth and Tolerance of Maize to Nicosulfuron Toxicity. Journal of Plant Growth Regulation, 2019, 38, 701-712.	5.1	21
40	One-pot cascade reactions of 1-arylpenta-3,4-dien-2-ones leading to 2-arylphenols and dibenzopyroanones. Chemical Communications, 2014, 50, 14968-14970.	4.1	20
41	Synthesis of Pyrazolo[5,1-a]isoindoles and Pyrazolo[5,1-a]isoindole-3-carboxamides through One-Pot Cascade Reactions of 1-(2-Bromophenyl)buta-2,3-dien-1-ones with Isocyanide and Hydrazine or Acetohydrazide. Journal of Organic Chemistry, 2015, 80, 7447-7455.	3.2	20
42	Solvent-Regulated Coupling of 2-Alkynylbenzaldehydes with Cyclic Amines: Selective Synthesis of Fused N-Heterocycles and Functionalized Naphthalene Derivatives. Organic Letters, 2020, 22, 9053-9058.	4.6	19
43	An enlarging ecological risk: Review on co-occurrence and migration of microplastics and microplastic-carrying organic pollutants in natural and constructed wetlands. Science of the Total Environment, 2022, 837, 155772.	8.0	19
44	An Efficient Synthesis of 2-Substituted Benzoxazoles via RuCl3Â·3H2O Catalyzed Tandem Reactions in Ionic Liquid. Chinese Journal of Chemistry, 2011, 29, 773-777.	4.9	18
45	Sustainable and selective synthesis of 3,4-dihydroquinolizin-2-one and quinolizin-2-one derivatives via the reactions of penta-3,4-dien-2-ones. Green Chemistry, 2014, 16, 1393-1398.	9.0	18
46	Zebrafish let-7b acts downstream of hypoxia-inducible factor-1Î± to assist in hypoxia-mediated cell proliferation and cell cycle regulation. Life Sciences, 2017, 171, 21-29.	4.3	17
47	ZmRAD51C Is Essential for Double-Strand Break Repair and Homologous Recombination in Maize Meiosis. International Journal of Molecular Sciences, 2019, 20, 5513.	4.1	17
48	Establishment of myoblast cell line and identification of key genes regulating myoblast differentiation in a marine teleost, Sebastes schlegelii. Gene, 2021, 802, 145869.	2.2	17
49	Molecular characterization and functional analysis of the GATA4 in tongue sole (Cynoglossus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 193, 1-8.	1.6	16
50	Synthesis of Î²-Dicarbonylated Tetrahydropiperidines via Direct Oxidative Cross-Coupling between Different C(sp3)â€“H Bonds. Journal of Organic Chemistry, 2020, 85, 2220-2230.	3.2	16
51	Effects of Cryopreservation on Sperm with Cryodiluent in Viviparous Black Rockfish (Sebastes) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.1	16
52	Changes in global DNA methylation intensity and DNMT1 transcription during the aging process of scallop Chlamys farreri. Journal of Ocean University of China, 2015, 14, 685-690.	1.2	15
53	Selective syntheses of diversely substituted 2-hydroxy-4â€²-hydroxybenzophenones through [4 + 2] or [3 + 3] annulation of penta-3,4-dien-2-ones with 3-formylchromones. Organic Chemistry Frontiers, 2017, 4, 1967-1971.	4.5	14
54	The nationwide distribution and trends of hepatitis C virus genotypes in mainland China. Journal of Medical Virology, 2019, 91, 401-410.	5.0	14

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55	Iodineâ€Initiated Domino Reaction of Heptaâ€1,2â€dienâ€6â€ynâ€4â€ols and BrÃ¸nsted Acid Promoted Cyclization of Heptaâ€1,2,6â€trienâ€4â€ols Leading to Functionalized Benzenes. Chemistry - an Asian Journal, 2013, 8, 717-722.	3.5	13
56	Zinc-Mediated One-Pot Tandem Reaction of Nitriles with Propargyl Bromides: An Access to 3-Alkynylpyridines. Journal of Organic Chemistry, 2014, 79, 10611-10618.	3.2	13
57	Characterisation of kisspeptin system genes in an ovoviviparous teleost: Sebastes schlegeli. General and Comparative Endocrinology, 2015, 214, 114-125.	1.8	13
58	A Sustainable Synthesis of 2â€Benzoxazyl and 2â€Benzothiazyl Ketones from Alkynyl Bromides and 2â€Amino(thio)phenols Promoted by a Recyclable Catalytic System. Chinese Journal of Chemistry, 2012, 30, 992-996.	4.9	12
59	Selective cleavage and reconstruction of Câ€“N/Câ€“C bonds in saturated cyclic amines: tunable synthesis of lactams and functionalized acyclic amines. Organic Chemistry Frontiers, 2021, 8, 5118-5123.	4.5	12
60	Pax3 and Pax7 Exhibit Distinct and Overlapping Functions in Marking Muscle Satellite Cells and Muscle Repair in a Marine Teleost, Sebastes schlegelii. International Journal of Molecular Sciences, 2021, 22, 3769.	4.1	10
61	The zebrafish miR-125c is induced under hypoxic stress via hypoxia-inducible factor 1Î± and functions in cellular adaptations and embryogenesis. Oncotarget, 2017, 8, 73846-73859.	1.8	10
62	Beta Diversity Patterns Unlock the Community Assembly of Woody Plant Communities in the Riparian Zone. Forests, 2022, 13, 673.	2.1	10
63	Molecular cloning and characterization of SoxB2 gene from Zhikong scallop Chlamys farreri. Chinese Journal of Oceanology and Limnology, 2013, 31, 1216-1225.	0.7	9
64	Synthesis of Aminonaphthopyranones and Aminonaphthochromenones by Blaiseâ€Reactionâ€Initiated Cascade Procedures. Asian Journal of Organic Chemistry, 2014, 3, 1284-1291.	2.7	9
65	Synthesis of 4â€Oxoâ€butâ€2â€enals through tBuONO and TEMPOâ€Promoted Cascade Reactions of Homoallylic Alcohols. Asian Journal of Organic Chemistry, 2016, 5, 1318-1322.	2.7	9
66	Synthesis of Functionalized Phenols via the Cascade Reactions of Allenic Ketones with Î²â€Diketones. Asian Journal of Organic Chemistry, 2015, 4, 368-376.	2.7	8
67	Improved synthetic route of exo â€16,17â€dihydroâ€gibberellin A5â€13â€acetate and the bioactivity of its derivatives towards Arabidopsis thaliana. Pest Management Science, 2020, 76, 807-817.	3.4	8
68	Scale-Up of a Continuous Manufacturing Process of Edaravone. Organic Process Research and Development, 2021, 25, 2146-2153.	2.7	8
69	Weighted Correlation Network Analysis (WGCNA) of Japanese Flounder (Paralichthys olivaceus) Embryo Transcriptome Provides Crucial Gene Sets for Understanding Haploid Syndrome and Rescue by Diploidization. Journal of Ocean University of China, 2018, 17, 1441-1450.	1.2	7
70	Tunable Synthesis of 2-Ene-1,4-diones, 4-Hydroxycyclopent-2-en-1-ones, and 2-(Furan-3-yl)acetamides via Palladium-Catalyzed Cascade Reactions of Allenols. Journal of Organic Chemistry, 2018, 83, 12514-12526.	3.2	7
71	Transcriptome-Wide Identification and Validation of Reference Genes in Black Rockfish (Sebastes) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	7
72	Insights into Trx1, TRP14, and Prx1 homologs of Paralichthys olivaceus: molecular profiles and transcriptional responses to immune stimulations. Fish Physiology and Biochemistry, 2016, 42, 547-561.	2.3	6

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73	The molecular characterization, expression pattern and alternative initiation of Megalobrama amblycephala Hif prolyl hydroxylase Phd1. Gene, 2018, 678, 219-225.	2.2	6
74	The functional differentiation of four smad4 paralogs in TGF-Î² signaling pathway of Japanese flounder (Paralichthys olivaceus). Cellular Signalling, 2020, 71, 109601.	3.6	6
75	Origin and evolution of GATA2a and GATA2b in teleosts: insights from tongue sole,Cynoglossus semilaevis. PeerJ, 2016, 4, e1790.	2.0	6
76	Environmentally Sustainable and Chemoâ€selectively Favorable Synthesis of Substituted 2Hâ€Pyranâ€2â€ones in Water under MWI. Journal of the Chinese Chemical Society, 2014, 61, 233-239.	1.4	5
77	A novel synthesis of 3-hydroxypiperidin-2-ones via site-selective difunctionalization of piperidine derivatives. Tetrahedron Letters, 2019, 60, 151155.	1.4	5
78	Multiple HIV-1 Genotypes Circulating Among College Students in Nanjing, China. AIDS Research and Human Retroviruses, 2020, 36, 616-624.	1.1	5
79	Austenite Transformation Behaviour of 2205 Duplex Stainless Steels under Hot Tensile Test. Steel Research International, 2015, 86, 84-88.	1.8	4
80	Characteristics and phylogenetic studies of complete mitochondrial DNA based on the ricefield eel (Monopterus albus) from four different areas. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2419-2420.	0.7	4
81	The evolutionary and transmission characteristic of HIVâ€1 CRF07_BC in Nanjing, Jiangsu. Journal of Medical Virology, 2020, 92, 3237-3245.	5.0	4
82	Genome-Wide Identification, Characterization and Expression Profiling of myosin Family Genes in Sebastes schlegelii. Genes, 2021, 12, 808.	2.4	4
83	Identification and immune responses of thrombocytes in bacterial and viral infections in grass carp (Ctenopharyngodon idella). Fish and Shellfish Immunology, 2022, 123, 314-323.	3.6	4
84	A microsatellite genetic linkage map of black rockfish (Sebastes schlegeli). Journal of Ocean University of China, 2014, 13, 1078-1086.	1.2	3
85	Functional characterization of Cynoglossus semilaevis R-spondin2 and its role in muscle development during embryogenesis. Genes and Genetic Systems, 2018, 93, 181-190.	0.7	3
86	Prevalence of dental caries profile in children and adolescents in rural Jiangsu Province. Archives of Disease in Childhood, 2018, 103, 1184-1185.	1.9	3
87	Genome-wide identification and characterization of COMMD family genes reveals their function on innate immune response in Paralichthys olivaceus. Aquaculture, 2021, 536, 736498.	3.5	3
88	Genome-wide identification and characterization of Toll-like receptor genes in black rockfish (Sebastes schlegelii) and their response mechanisms following poly (I:C) injection. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 254, 109277.	2.6	3
89	Effects of Micro-Sized Ferrite and Austenite Grains on the Pitting Corrosion Behavior of Lean Duplex Stainless Steel 2101. Metals, 2017, 7, 168.	2.3	2
90	Cynoglossus semilaevis Rspo3 Regulates Embryo Development by Inhibiting the Wnt/Î²-Catenin Signaling Pathway. International Journal of Molecular Sciences, 2018, 19, 1915.	4.1	2

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91	Globus pallidus neuron spike time series prediction based on local-region multi-step forecasting model. , 2008, , .		1
92	Functional characterization of the Japanese flounder (Paralichthys olivaceus) Sox2 gene promoter. Fish Physiology and Biochemistry, 2016, 42, 1275-1285.	2.3	1
93	The Bdkrb2 gene family provides a novel view of viviparity adaptation in Sebastes schlegelii. Bmc Ecology and Evolution, 2021, 21, 44.	1.6	1
94	2,4-Dioxo-1-(prop-2-ynyl)-1,2,3,4-tetrahydropyrimidine-5-carbaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2350-o2350.	0.2	0
95	Characterization and genomic structure of Dnah9, and its roles in nodal signaling pathways in the Japanese flounder (Paralichthys olivaceus). Fish Physiology and Biochemistry, 2016, 42, 167-178.	2.3	0
96	Large-Scale Screening of Growth-Related Variants in Chinese Tongue Sole (Cynoglossus semilaevis). Journal of Ocean University of China, 2021, 20, 669-680.	1.2	0
97	INSULATION DEGRADATION OF ELECTRICAL COMPONENTS IN REACTOR UNDER HIGH TEMPERATURE AND IRRADIATION CONDITIONS. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1328.	0.0	0
98	SIMULATION OF DROPLET SIZE DISTRIBUTION DURING JUMPING-DROPLET CONDENSATION. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1748.	0.0	0
99	STATIC ANALYSIS OF ABSORBER BALL DRIVE MECHANISM BASED ON FINITE ELEMENT METHOD. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 2100.	0.0	0
100	GATA4 Is a Transcriptional Regulator of SOX2 in Japanese Flounder (Paralichthys olivaceus). Journal of Ocean University of China, 2022, 21, 163-170.	1.2	0