

# Yan He

## List of Publications by Year in descending order

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100  
papers

2,186  
citations

218677

26  
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289244

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104  
docs citations

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times ranked

2296  
citing authors

#	ARTICLE	IF	CITATIONS
1	GATA4 Is a Transcriptional Regulator of SOX2 in Japanese Flounder ( <i>Paralichthys olivaceus</i> ). <i>Journal of Ocean University of China</i> , 2022, 21, 163-170.	1.2	0
2	Genome-wide identification and characterization of Toll-like receptor genes in black rockfish ( <i>Sebastes schlegelii</i> ) and their response mechanisms following poly (I:C) injection. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 254, 109277.	2.6	3
3	Identification and immune responses of thrombocytes in bacterial and viral infections in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Fish and Shellfish Immunology</i> , 2022, 123, 314-323.	3.6	4
4	Effects of Cryopreservation on Sperm with Cryodiluent in Viviparous Black Rockfish ( <i>Sebastes</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	4.1	16
5	Beta Diversity Patterns Unlock the Community Assembly of Woody Plant Communities in the Riparian Zone. <i>Forests</i> , 2022, 13, 673.	2.1	10
6	An enlarging ecological risk: Review on co-occurrence and migration of microplastics and microplastic-carrying organic pollutants in natural and constructed wetlands. <i>Science of the Total Environment</i> , 2022, 837, 155772.	8.0	19
7	Recent advances in the functionalization of saturated cyclic amines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4582-4606.	4.5	45
8	Selective cleavage and reconstruction of C-N/C bonds in saturated cyclic amines: tunable synthesis of lactams and functionalized acyclic amines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5118-5123.	4.5	12
9	The <i>Bdkrb2</i> gene family provides a novel view of viviparity adaptation in <i>Sebastes schlegelii</i> . <i>Bmc Ecology and Evolution</i> , 2021, 21, 44.	1.6	1
10	<i>Pax3</i> and <i>Pax7</i> Exhibit Distinct and Overlapping Functions in Marking Muscle Satellite Cells and Muscle Repair in a Marine Teleost, <i>Sebastes schlegelii</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3769.	4.1	10
11	Genome-wide identification and characterization of COMMD family genes reveals their function on innate immune response in <i>Paralichthys olivaceus</i> . <i>Aquaculture</i> , 2021, 536, 736498.	3.5	3
12	Transcriptome-Wide Identification and Validation of Reference Genes in Black Rockfish ( <i>Sebastes</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.2	7
13	Large-Scale Screening of Growth-Related Variants in Chinese Tongue Sole ( <i>Cynoglossus semilaevis</i> ). <i>Journal of Ocean University of China</i> , 2021, 20, 669-680.	1.2	0
14	Genome-Wide Identification, Characterization and Expression Profiling of myosin Family Genes in <i>Sebastes schlegelii</i> . <i>Genes</i> , 2021, 12, 808.	2.4	4
15	A duplicated <i>amh</i> is the master sex-determining gene for <i>Sebastes</i> rockfish in the Northwest Pacific. <i>Open Biology</i> , 2021, 11, 210063.	3.6	40
16	Scale-Up of a Continuous Manufacturing Process of Edaravone. <i>Organic Process Research and Development</i> , 2021, 25, 2146-2153.	2.7	8
17	Establishment of myoblast cell line and identification of key genes regulating myoblast differentiation in a marine teleost, <i>Sebastes schlegelii</i> . <i>Gene</i> , 2021, 802, 145869.	2.2	17
18	Improved synthetic route of exo-16,17-dihydro-gibberellin A5-acetate and the bioactivity of its derivatives towards <i>Arabidopsis thaliana</i> . <i>Pest Management Science</i> , 2020, 76, 807-817.	3.4	8

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19	Synthesis of Î²-Dicarbonylated Tetrahydropiperidines via Direct Oxidative Cross-Coupling between Different C(sp <sup>3</sup> )â€“H Bonds. <i>Journal of Organic Chemistry</i> , 2020, 85, 2220-2230.	3.2	16
20	Synthesis of Î²-Methylsulfonylated N-Heterocycles from Saturated Cyclic Amines with the Insertion of Sulfur Dioxide. <i>Journal of Organic Chemistry</i> , 2020, 85, 15600-15609.	3.2	23
21	Solvent-Regulated Coupling of 2-Alkynylbenzaldehydes with Cyclic Amines: Selective Synthesis of Fused N-Heterocycles and Functionalized Naphthalene Derivatives. <i>Organic Letters</i> , 2020, 22, 9053-9058.	4.6	19
22	The functional differentiation of four smad4 paralogs in TGF-Î² signaling pathway of Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Cellular Signalling</i> , 2020, 71, 109601.	3.6	6
23	Natural Variation in RNA m <sup>6</sup> A Methylation and Its Relationship with Translational Status. <i>Plant Physiology</i> , 2020, 182, 332-344.	4.8	73
24	Multiple HIV-1 Genotypes Circulating Among College Students in Nanjing, China. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 616-624.	1.1	5
25	The evolutionary and transmission characteristic of HIVâ€“1 CRF07_BC in Nanjing, Jiangsu. <i>Journal of Medical Virology</i> , 2020, 92, 3237-3245.	5.0	4
26	ZmRAD51C Is Essential for Double-Strand Break Repair and Homologous Recombination in Maize Meiosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5513.	4.1	17
27	A novel synthesis of 3-hydroxypiperidin-2-ones via site-selective difunctionalization of piperidine derivatives. <i>Tetrahedron Letters</i> , 2019, 60, 151155.	1.4	5
28	Synthesis of Functionalized Indole-1-oxide Derivatives via Cascade Reactions of Allenynes and tBuONO. <i>Organic Letters</i> , 2019, 21, 3918-3922.	4.6	22
29	Transcriptome Profiling Insights the Feature of Sex Reversal Induced by High Temperature in Tongue Sole <i>Cynoglossus semilaevis</i> . <i>Frontiers in Genetics</i> , 2019, 10, 522.	2.3	34
30	A chromosomeâ€“level genome of black rockfish, <i>Sebastes schlegelii</i> , provides insights into the evolution of live birth. <i>Molecular Ecology Resources</i> , 2019, 19, 1309-1321.	4.8	44
31	Selective Cleavage and Tunable Functionalization of the Câ€“C/Câ€“N Bonds of <i>N</i> -Arylpiperidines Promoted by <sup>t</sup> BuONO. <i>Organic Letters</i> , 2019, 21, 1676-1680.	4.6	45
32	Whole-genome resequencing from bulked-segregant analysis reveals gene set based association analyses for the <i>Vibrio anguillarum</i> resistance of turbot ( <i>Scophthalmus maximus</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 88, 76-83.	3.6	27
33	Selective synthesis of Î²-nitrated N-heterocycles and <i>N</i> -nitroso-2-alkoxyamine aldehydes from inactivated cyclic amines promoted by <sup>t</sup> BuONO and oxoammonium salt. <i>Chemical Communications</i> , 2019, 55, 12372-12375.	4.1	23
34	The nationwide distribution and trends of hepatitis C virus genotypes in mainland China. <i>Journal of Medical Virology</i> , 2019, 91, 401-410.	5.0	14
35	Synthesis of Functionalized Cyclobutaneâ€“Fused Naphthalene Derivatives via Cascade Reactions of Allenynes with <i>tert</i> -Butyl Nitrite. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1271-1276.	4.3	25
36	Selective synthesis of pyrrolidin-2-ones and 3-iodopyrroles <i>via</i> the ring contraction and deformylative functionalization of piperidine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 156-164.	2.8	25

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37	Application of Brassinosteroid Mimetics Improves Growth and Tolerance of Maize to Nicosulfuron Toxicity. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 701-712.	5.1	21
38	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
39	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
40	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
41	Synthesis of $\beta$ -Formylated <i>N</i> -Heterocycles and Their 1,1-Diacetates from Inactivated Cyclic Amines Involving an Oxidative Ring Contraction. <i>Organic Letters</i> , 2018, 20, 864-867.	4.6	42
42	FeCl <sub>3</sub> -Catalyzed Cascade Reactions of Cyclic Amines with $\alpha$ -Acrylacetic Acids toward Furan-2(5 <i>H</i> )-one Fused <i>N,O</i> -Bicyclic Compounds. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 261-266.	4.3	35
43	Transcriptome profiling based on protein-protein interaction networks provides a core set of genes for understanding blood immune response mechanisms against <i>Edwardsiella tarda</i> infection in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Developmental and Comparative Immunology</i> , 2018, 78, 100-113.	2.3	56
44	Transcriptome profiling provides gene resources for understanding gill immune responses in Japanese flounder ( <i>Paralichthys olivaceus</i> ) challenged with <i>Edwardsiella tarda</i> . <i>Fish and Shellfish Immunology</i> , 2018, 72, 593-603.	3.6	55
45	Weighted Correlation Network Analysis (WGCNA) of Japanese Flounder ( <i>Paralichthys olivaceus</i> ) Embryo Transcriptome Provides Crucial Gene Sets for Understanding Haploid Syndrome and Rescue by Diploidization. <i>Journal of Ocean University of China</i> , 2018, 17, 1441-1450.	1.2	7
46	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. <i>Journal of Organic Chemistry</i> , 2018, 83, 12514-12526.	3.2	7
47	Functional characterization of <i>Cynoglossus semilaevis</i> <i>Rspo2</i> and its role in muscle development during embryogenesis. <i>Genes and Genetic Systems</i> , 2018, 93, 181-190.	0.7	3
48	<i>Cynoglossus semilaevis</i> <i>Rspo3</i> Regulates Embryo Development by Inhibiting the Wnt/ $\beta$ -Catenin Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1915.	4.1	2
49	Prevalence of dental caries profile in children and adolescents in rural Jiangsu Province. <i>Archives of Disease in Childhood</i> , 2018, 103, 1184-1185.	1.9	3
50	The molecular characterization, expression pattern and alternative initiation of <i>Megalobrama amblycephala</i> Hif prolyl hydroxylase <i>Phd1</i> . <i>Gene</i> , 2018, 678, 219-225.	2.2	6
51	Zebrafish <i>let-7b</i> acts downstream of hypoxia-inducible factor-1 $\beta$ to assist in hypoxia-mediated cell proliferation and cell cycle regulation. <i>Life Sciences</i> , 2017, 171, 21-29.	4.3	17
52	New urea-modified paper substrate for enhanced analytical performance of negative ion mode paper spray mass spectrometry. <i>Talanta</i> , 2017, 166, 306-314.	5.5	31
53	Transcriptome comparison reveals insights into muscle response to hypoxia in blunt snout bream ( <i>Megalobrama amblycephala</i> ). <i>Talanta</i> , 2017, 166, 306-314.	2.2	34
54	C(sp <sup>3</sup> )-H dehydrogenation and C(sp <sup>2</sup> )-H alkoxy carbonylation of inactivated cyclic amines towards functionalized <i>N</i> -heterocycles. <i>Chemical Communications</i> , 2017, 53, 4002-4005.	4.1	40

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55	Comparative transcriptome analysis of ovary and testis reveals potential sex-related genes and pathways in spotted knifejaw <i>Oplegnathus punctatus</i> . <i>Gene</i> , 2017, 637, 203-210.	2.2	51
56	Sequencing-based network analysis provides a core set of gene resource for understanding kidney immune response against <i>Edwardsiella tarda</i> infection in Japanese flounder. <i>Fish and Shellfish Immunology</i> , 2017, 67, 643-654.	3.6	38
57	Selective syntheses of diversely substituted 2-hydroxy-4-hydroxybenzophenones through [4 + 2] or [3 + 3] annulation of penta-3,4-dien-2-ones with 3-formylchromones. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1967-1971.	4.5	14
58	Effects of Acute Hypoxia and Reoxygenation on Physiological and Immune Responses and Redox Balance of Wuchang Bream ( <i>Megalobrama amblycephala</i> Yih, 1955). <i>Frontiers in Physiology</i> , 2017, 8, 375.	2.8	29
59	Effects of Micro-Sized Ferrite and Austenite Grains on the Pitting Corrosion Behavior of Lean Duplex Stainless Steel 2101. <i>Metals</i> , 2017, 7, 168.	2.3	2
60	Dynamics of DNA methylomes underlie oyster development. <i>PLoS Genetics</i> , 2017, 13, e1006807.	3.5	65
61	The zebrafish miR-125c is induced under hypoxic stress via hypoxia-inducible factor 1 and functions in cellular adaptations and embryogenesis. <i>Oncotarget</i> , 2017, 8, 73846-73859.	1.8	10
62	Synthesis of 4-but-2-enals through BuONO and TEMPO-Promoted Cascade Reactions of Homoallylic Alcohols. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1318-1322.	2.7	9
63	Transcriptome analysis of the gonads of olive flounder ( <i>Paralichthys olivaceus</i> ). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1581-1594.	2.3	33
64	Regio- and Chemoselective Mono- and Bisnitration of 8-Amino quinoline Amides with Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O as Promoter and Nitro Source. <i>Organic Letters</i> , 2016, 18, 6054-6057.	4.6	76
65	Insights into Trx1, TRP14, and Prx1 homologs of <i>Paralichthys olivaceus</i> : molecular profiles and transcriptional responses to immune stimulations. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 547-561.	2.3	6
66	Molecular characterization and functional analysis of the GATA4 in tongue sole ( <i>Cynoglossus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 193, 1-8.	1.6	16
67	Functional characterization of the Japanese flounder ( <i>Paralichthys olivaceus</i> ) Sox2 gene promoter. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1275-1285.	2.3	1
68	Characterization and genomic structure of Dnah9, and its roles in nodal signaling pathways in the Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 167-178.	2.3	0
69	Characteristics and phylogenetic studies of complete mitochondrial DNA based on the ricefield eel ( <i>Monopterus albus</i> ) from four different areas. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2419-2420.	0.7	4
70	Origin and evolution of GATA2a and GATA2b in teleosts: insights from tongue sole, <i>Cynoglossus semilaevis</i> . <i>PeerJ</i> , 2016, 4, e1790.	2.0	6
71	Synthesis of Functionalized Phenols via the Cascade Reactions of Allenic Ketones with 1,2-Diketones. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 368-376.	2.7	8
72	Austenite Transformation Behaviour of 2205 Duplex Stainless Steels under Hot Tensile Test. <i>Steel Research International</i> , 2015, 86, 84-88.	1.8	4

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73	Immune and stress responses in oysters with insights on adaptation. <i>Fish and Shellfish Immunology</i> , 2015, 46, 107-119.	3.6	158
74	The use of -omic tools in the study of disease processes in marine bivalve mollusks. <i>Journal of Invertebrate Pathology</i> , 2015, 131, 137-154.	3.2	45
75	Changes in global DNA methylation intensity and DNMT1 transcription during the aging process of scallop <i>Chlamys farreri</i> . <i>Journal of Ocean University of China</i> , 2015, 14, 685-690.	1.2	15
76	Transcriptome analysis reveals strong and complex antiviral response in a mollusc. <i>Fish and Shellfish Immunology</i> , 2015, 46, 131-144.	3.6	130
77	Synthesis of Pyrazolo[5,1- <i>a</i> ]isoindoles and Pyrazolo[5,1- <i>a</i> ]isoindole-3-carboxamides through One-Pot Cascade Reactions of 1-(2-Bromophenyl)buta-2,3-dien-1-ones with Isocyanide and Hydrazine or Acetohydrazide. <i>Journal of Organic Chemistry</i> , 2015, 80, 7447-7455.	3.2	20
78	Characterisation of kisspeptin system genes in an ovoviviparous teleost: <i>Sebastes schlegeli</i> . <i>General and Comparative Endocrinology</i> , 2015, 214, 114-125.	1.8	13
79	Synthesis of diversely substituted 2-(furan-3-yl)acetates from allenols through cascade carbonylations. <i>Chemical Communications</i> , 2015, 51, 16263-16266.	4.1	23
80	The zebrafish miR-462/miR-731 cluster is induced under hypoxic stress via hypoxia-inducible factor 1 $\alpha$ and functions in cellular adaptations. <i>FASEB Journal</i> , 2015, 29, 4901-4913.	0.5	35
81	Synthesis of Aminonaphthopyranones and Aminonaphthochromenones by Blaise-Initiated Cascade Procedures. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1284-1291.	2.7	9
82	One-pot cascade reactions of 1-arylpenta-3,4-dien-2-ones leading to 2-arylphenols and dibenzopyranones. <i>Chemical Communications</i> , 2014, 50, 14968-14970.	4.1	20
83	Environmentally Sustainable and Chemo-selectively Favorable Synthesis of Substituted 2-H-Pyran-2-ones in Water under MWI. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 233-239.	1.4	5
84	A microsatellite genetic linkage map of black rockfish ( <i>Sebastes schlegeli</i> ). <i>Journal of Ocean University of China</i> , 2014, 13, 1078-1086.	1.2	3
85	Detection of Alternative Splice and Gene Duplication by RNA Sequencing in Japanese Flounder, <i>Paralichthys olivaceus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2419-2424.	1.8	27
86	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. <i>Green Chemistry</i> , 2014, 16, 1393-1398.	9.0	18
87	Synthesis of naphthalene amino esters and aryl-naphthalene lactone lignans through tandem reactions of 2-alkynylbenzonitriles. <i>Chemical Communications</i> , 2014, 50, 5641-5643.	4.1	27
88	Zinc-Mediated One-Pot Tandem Reaction of Nitriles with Propargyl Bromides: An Access to 3-Alkynylpyridines. <i>Journal of Organic Chemistry</i> , 2014, 79, 10611-10618.	3.2	13
89	Synthesis of 1,2,3-trisubstituted Indolizines, Pyrrolo[1,2- <i>a</i> ]quinolines, and Pyrrolo[2,1- <i>a</i> ]isoquinolines from 1,2-Alkenyl Ketones. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 713-717.	2.4	22
90	Molecular cloning and characterization of SoxB2 gene from Zhikong scallop <i>Chlamys farreri</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 1216-1225.	0.7	9

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91	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. <i>Journal of Organic Chemistry</i> , 2013, 78, 10178-10191.	3.2	29
92	Iodine-Initiated Domino Reaction of Hepta-1,2-dien-6-yn-4-ols and Brønsted Acid Promoted Cyclization of Hepta-1,2,6-trien-4-ols Leading to Functionalized Benzenes. <i>Chemistry - an Asian Journal</i> , 2013, 8, 717-722.	3.3	13
93	Catalyst-free synthesis of diversely substituted 6H-benzo[c]chromenes and 6H-benzo[c]chromen-6-ones in aqueous media under MWI. <i>Green Chemistry</i> , 2012, 14, 3429.	9.0	35
94	Mutation in promoter region of a serine protease inhibitor confers <i>Perkinsus marinus</i> resistance in the eastern oyster ( <i>Crassostrea virginica</i> ). <i>Fish and Shellfish Immunology</i> , 2012, 33, 411-417.	3.6	48
95	A Sustainable Synthesis of $\alpha$ -Benzoxazolyl and $\alpha$ -Benzothiazyl Ketones from Alkynyl Bromides and $\alpha$ -Amino(thio)phenols Promoted by a Recyclable Catalytic System. <i>Chinese Journal of Chemistry</i> , 2012, 30, 992-996.	4.9	12
96	Tandem Reactions Leading to Benzo[ <i>c</i> ]chromen-6-ones and 3-Substituted Isocoumarins. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 673-677.	2.4	46
97	Tandem reaction of 1,2-allenic ketone with $\alpha$ -halo ketone or $\alpha$ -halo ester in water: an efficient and sustainable synthesis of 1,3,4-tricarbonyl compounds. <i>Green Chemistry</i> , 2011, 13, 3218.	9.0	27
98	An Efficient Synthesis of 2-Substituted Benzoxazoles via $\text{RuCl}_3 \cdot 3\text{H}_2\text{O}$ Catalyzed Tandem Reactions in Ionic Liquid. <i>Chinese Journal of Chemistry</i> , 2011, 29, 773-777.	4.9	18
99	2,4-Dioxo-1-(prop-2-ynyl)-1,2,3,4-tetrahydropyrimidine-5-carbaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2350-o2350.	0.2	0
100	Globus pallidus neuron spike time series prediction based on local-region multi-step forecasting model. , 2008, , .		1