

Tian Liu

List of Publications by Year in descending order

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143
papers

2,863
citations

172457

29
h-index

265206

42
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143
all docs

143
docs citations

143
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-accuracy protein structural class prediction algorithm using predicted secondary structural information. <i>Journal of Theoretical Biology</i> , 2010, 267, 272-275.	1.7	94
2	Structural Determinants of an Insect Î²-N-Acetyl-d-hexosaminidase Specialized as a Chitinolytic Enzyme. <i>Journal of Biological Chemistry</i> , 2011, 286, 4049-4058.	3.4	88
3	Group Performance of Energy Piles under Cyclic and Variable Thermal Loading. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022, 148, .	3.0	86
4	Glycoside hydrolase family 18 chitinases: The known and the unknown. <i>Biotechnology Advances</i> , 2020, 43, 107553.	11.7	81
5	Proteomic Analysis of Insect Molting Fluid with a Focus on Enzymes Involved in Chitin Degradation. <i>Journal of Proteome Research</i> , 2014, 13, 2931-2940.	3.7	72
6	Structure, Catalysis, and Inhibition of OfChi-h, the Lepidoptera-exclusive Insect Chitinase. <i>Journal of Biological Chemistry</i> , 2017, 292, 2080-2088.	3.4	69
7	Fully Deacetylated Chitooligosaccharides Act as Efficient Glycoside Hydrolase Family 18 Chitinase Inhibitors. <i>Journal of Biological Chemistry</i> , 2014, 289, 17932-17940.	3.4	56
8	A novel Î²-N-acetyl-d-hexosaminidase from the insect <i>Ostrinia furnacalis</i> (Guené). <i>FEBS Journal</i> , 2008, 275, 5690-5702.	4.7	52
9	Comparison of Electro-Osmosis Experiments on Marine Sludge with Different Electrode Materials. <i>Drying Technology</i> , 2015, 33, 986-995.	3.1	52
10	Microbial Secondary Metabolite, Phlegmacin B ₁ , as a Novel Inhibitor of Insect Chitinolytic Enzymes. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3851-3857.	5.2	52
11	Glycoside hydrolase family 18 and 20 enzymes are novel targets of the traditional medicine berberine. <i>Journal of Biological Chemistry</i> , 2018, 293, 15429-15438.	3.4	52
12	A novel alternative splicing site of class A chitin synthase from the insect <i>Ostrinia furnacalis</i> " Gene organization, expression pattern and physiological significance. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 923-931.	2.7	51
13	Structural characteristics of an insect group I chitinase, an enzyme indispensable to moulting. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 932-942.	2.5	51
14	Structural analysis of group II chitinase (ChtII) catalysis completes the puzzle of chitin hydrolysis in insects. <i>Journal of Biological Chemistry</i> , 2018, 293, 2652-2660.	3.4	47
15	A potent chitinase from <i>Bacillus subtilis</i> for the efficient bioconversion of chitin-containing wastes. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 863-868.	7.5	47
16	Active-pocket size differentiating insectile from bacterial chitinolytic Î²-N-acetyl-D-hexosaminidases. <i>Biochemical Journal</i> , 2011, 438, 467-474.	3.7	46
17	Cloning, expression and biocharacterization of <i>OfCht5</i> , the chitinase from the insect <i>Ostrinia furnacalis</i> . <i>Insect Science</i> , 2013, 20, 147-157.	3.0	46
18	O-GlcNAcPRED: a sensitive predictor to capture protein O-GlcNAcylation sites. <i>Molecular BioSystems</i> , 2013, 9, 2909.	2.9	45

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19	Structure-Based Virtual Screening, Compound Synthesis, and Bioassay for the Design of Chitinase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3351-3357.	5.2	45
20	Synthesis, Evaluation, and Mechanism of Trimethyl- β -D-glucosamine(1 \rightarrow 4)-chitooligosaccharides as Selective Inhibitors of Glycosyl Hydrolase Family 20 β -N-Acetyl-D-hexosaminidases. <i>ChemBioChem</i> , 2011, 12, 457-467.	2.6	42
21	Thermomechanical Behavior of Energy Piles and Interactions within Energy Pile-Raft Foundations. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	3.0	40
22	Chitin Organizing and Modifying Enzymes and Proteins Involved In Remodeling of the Insect Cuticle. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1142, 83-114.	1.6	37
23	NucPosPred: Predicting species-specific genomic nucleosome positioning via four different modes of general PseKNC. <i>Journal of Theoretical Biology</i> , 2018, 450, 15-21.	1.7	35
24	Prediction of mitochondrial proteins of malaria parasite using bi-profile Bayes feature extraction. <i>Biochimie</i> , 2011, 93, 778-782.	2.6	34
25	Revisiting glycoside hydrolase family 20 β -N-acetyl-d-hexosaminidases: Crystal structures, physiological substrates and specific inhibitors. <i>Biotechnology Advances</i> , 2018, 36, 1127-1138.	11.7	34
26	Development of Novel Pesticides Targeting Insect Chitinases: A Minireview and Perspective. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4559-4565.	5.2	34
27	Expression, purification and characterization of the chitinolytic β -N-acetyl-d-hexosaminidase from the insect <i>Ostrinia furnacalis</i> . <i>Protein Expression and Purification</i> , 2009, 68, 99-103.	1.3	33
28	Characteristics of soft marine clay under cyclic loading: a review. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 1027-1046.	3.5	32
29	The gene, expression pattern and subcellular localization of chitin synthase B from the insect <i>Ostrinia furnacalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 302-307.	2.1	30
30	Structural Insights into Chitinolytic Enzymes and Inhibition Mechanisms of Selective Inhibitors. <i>Current Pharmaceutical Design</i> , 2014, 20, 754-770.	1.9	30
31	A Series of Compounds Bearing a Dipyrido-Pyrimidine Scaffold Acting as Novel Human and Insect Pest Chitinase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 987-1001.	6.4	29
32	Molecular and Biochemical Characterization of a Novel β -N-Acetyl-D-Hexosaminidase with Broad Substrate-Spectrum from the Aisan Corn Borer, <i>Ostrinia Furnacalis</i> . <i>International Journal of Biological Sciences</i> , 2012, 8, 1085-1096.	6.4	28
33	Production of β -N-Acetyl-D-glucosamine from Mycelial Waste by a Combination of Bacterial Chitinases and an Insect β -N-Acetyl-D-glucosaminidase. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6738-6744.	5.2	28
34	Efficient reliability analysis of slopes integrating the random field method and a Gaussian process regression-based surrogate model. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2021, 45, 478-501.	3.3	28
35	A Novel Scaffold for Developing Specific or Broad-Spectrum Chitinase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 2413-2420.	5.4	27
36	Experimental study on the hydraulic conductivity of calcareous sand in South China Sea. <i>Marine Georesources and Geotechnology</i> , 2017, 35, 1037-1047.	2.1	27

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37	Development of Unsymmetrical Dyads As Potent Noncarbohydrate-Based Inhibitors against Human β -N-Acetyl-d-hexosaminidase. ACS Medicinal Chemistry Letters, 2013, 4, 527-531.	2.8	25
38	A crystal structure-guided rational design switching non-carbohydrate inhibitors' specificity between two β -GlcNAcase homologs. Scientific Reports, 2015, 4, 6188.	3.3	25
39	An intelligent response surface method for analyzing slope reliability based on Gaussian process regression. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 2431-2448.	3.3	25
40	Comparative Biochemistry of GH3, GH20 and GH84 β-N-acetyl-Dhexosaminidases and Recent Progress in Selective Inhibitor Discovery. Current Drug Targets, 2012, 13, 512-525.	2.1	24
41	Exploring NAG- ϵ thiazoline and its derivatives as inhibitors of chitinolytic β -acetylglucosaminidases. FEBS Letters, 2015, 589, 110-116.	2.8	24
42	Pocket-based Lead Optimization Strategy for the Design and Synthesis of Chitinase Inhibitors. Journal of Agricultural and Food Chemistry, 2019, 67, 3575-3582.	5.2	24
43	Insect group II chitinase OfChtII promotes chitin degradation during larva-pupa molting. Insect Science, 2021, 28, 692-704.	3.0	24
44	Large deformation finite element analysis of the installation of suction caisson in clay. Marine Georesources and Geotechnology, 2018, 36, 883-894.	2.1	22
45	Prediction of aptamer-protein interacting pairs based on sparse autoencoder feature extraction and an ensemble classifier. Mathematical Biosciences, 2019, 311, 103-108.	1.9	22
46	Design, Synthesis, and Biological Activity of Novel Heptacyclic Pyrazolamide Derivatives: A New Candidate of Dual-Target Insect Growth Regulators. Journal of Agricultural and Food Chemistry, 2020, 68, 6347-6354.	5.2	22
47	Structural and biochemical insights into an insect gut-specific chitinase with antifungal activity. Insect Biochemistry and Molecular Biology, 2020, 119, 103326.	2.7	21
48	Structural and biochemical insights into the catalytic mechanisms of two insect chitin deacetylases of the carbohydrate esterase 4 family. Journal of Biological Chemistry, 2019, 294, 5774-5783.	3.4	20
49	Discovery of Biphenyl-Sulfonamides as Novel β -N-Acetyl-d-Hexosaminidase Inhibitors via Structure-Based Virtual Screening. Journal of Agricultural and Food Chemistry, 2021, 69, 12039-12047.	5.2	20
50	The deduced role of a chitinase containing two nonsynergistic catalytic domains. Acta Crystallographica Section D: Structural Biology, 2018, 74, 30-40.	2.3	19
51	Discovery of Novel Inhibitors Targeting Human O-GlcNAcase: Docking-Based Virtual Screening, Biological Evaluation, Structural Modification, and Molecular Dynamics Simulation. Journal of Chemical Information and Modeling, 2019, 59, 4374-4382.	5.4	19
52	A Piperine-Based Scaffold as a Novel Starting Point to Develop Inhibitors against the Potent Molecular Target β -ChtI. Journal of Agricultural and Food Chemistry, 2021, 69, 7534-7544.	5.2	19
53	Novel Inhibitors of an Insect Pest Chitinase: Design and Optimization of 9-O-Aromatic and Heterocyclic Esters of Berberine. Journal of Agricultural and Food Chemistry, 2021, 69, 7526-7533.	5.2	19
54	Discovery of Natural Products as Multitarget Inhibitors of Insect Chitinolytic Enzymes through High-Throughput Screening. Journal of Agricultural and Food Chemistry, 2021, 69, 10830-10837.	5.2	19

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55	Influence of Silica Fume and Additives on Unconfined Compressive Strength of Cement-Stabilized Marine Soft Clay. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	18
56	Water content and shear strength evaluation of marine soil after electro-osmosis experiments. <i>Drying Technology</i> , 2017, 35, 1696-1710.	3.1	17
57	Synthesis, Optimization, and Evaluation of Glycosylated Naphthalimide Derivatives as Efficient and Selective Insect β -N-Acetylhexosaminidase OfHex1 Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6387-6396.	5.2	17
58	High-Speed Atomic Force Microscopy Reveals Factors Affecting the Processivity of Chitinases during Interfacial Enzymatic Hydrolysis of Crystalline Chitin. <i>ACS Catalysis</i> , 2020, 10, 13606-13615.	11.2	17
59	Design and synthesis of naphthalimide group-bearing thioglycosides as novel β -N-acetylhexosaminidases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 445-452.	5.2	16
60	Biochemical characterization of three midgut chitin deacetylases of the Lepidopteran insect <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2019, 113, 42-48.	2.0	16
61	Structural Insights into Cellulolytic and Chitinolytic Enzymes Revealing Crucial Residues of Insect β -N-acetyl-D-hexosaminidase. <i>PLoS ONE</i> , 2012, 7, e52225.	2.5	16
62	Behavior and mechanism of Cd(II) adsorption on loess-modified clay liner. <i>Desalination and Water Treatment</i> , 2012, 39, 10-20.	1.0	15
63	Elimination of substrate inhibition of a β -N-acetyl-d-hexosaminidase by single site mutation. <i>Process Biochemistry</i> , 2013, 48, 103-108.	3.7	15
64	Synthesis of NAM-thiazoline derivatives as novel O-GlcNAcase inhibitors. <i>Carbohydrate Research</i> , 2016, 429, 54-61.	2.3	15
65	Quaternary Ammonium Compound Functionalized Activated Carbon Electrode for Capacitive Deionization Disinfection. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17204-17210.	6.7	15
66	Design and synthesis of thiazolyldrazone derivatives as inhibitors of chitinolytic N-acetyl- β -d-hexosaminidase. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5420-5426.	3.0	15
67	Influence of salt content on clay electro-dewatering with copper and stainless steel anodes. <i>Drying Technology</i> , 2019, 37, 2005-2019.	3.1	15
68	An overall look at insect chitin deacetylases: Promising molecular targets for developing green pesticides. <i>Journal of Pesticide Sciences</i> , 2021, 46, 43-52.	1.4	15
69	Rational Design, Synthesis, and Biological Investigations of β -Methylcarbamoylguanidiny Azamacrolides as a Novel Chitinase Inhibitor. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4889-4898.	5.2	15
70	A Spermâ€‘Plasma β -N-Acetyl-D-Hexosaminidase Interacting with a Chitinolytic β -N-Acetyl-D-Hexosaminidase in Insect Molting Fluid. <i>PLoS ONE</i> , 2013, 8, e71738.	2.5	14
71	Selective inhibition of β -N-acetylhexosaminidases by thioglycosylâ€‘naphthalimide hybrid molecules. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 394-400.	3.0	14
72	Modification of the Thioglycosylâ€‘Naphthalimides as Potent and Selective Human O-GlcNAcase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1241-1246.	2.8	14

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73	Experimental study on the undrained shear strength of deep-sea soft soil using improved T-bar penetrometer. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 1199-1208.	2.1	14
74	Effect of salt on strength development of marine soft clay stabilized with cement-based composites. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 672-685.	2.1	13
75	Crystal structure-guided design of berberine-based novel chitinase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1937-1943.	5.2	13
76	Potent Fungal Chitinase for the Bioconversion of Mycelial Waste. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5384-5390.	5.2	13
77	Screening and preservation application of quorum sensing inhibitors of <i>Pseudomonas fluorescens</i> and <i>Shewanella baltica</i> in seafood products. <i>LWT - Food Science and Technology</i> , 2021, 149, 111749.	5.2	13
78	Probabilistic evaluation of the seismic stability of infinite submarine slopes integrating the enhanced Newmark method and random field. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 2025-2043.	3.5	13
79	Synthesis of NAG-thiazoline-derived inhibitors for \hat{I}^2 -N-acetyl-d-hexosaminidases. <i>Carbohydrate Research</i> , 2015, 413, 135-144.	2.3	12
80	Chitin Metabolic Pathways in Insects and Their Regulation. , 2016, , 31-65.		12
81	Structural dissection reveals a general mechanistic principle for group II chitinase (ChtII) inhibition. <i>Journal of Biological Chemistry</i> , 2019, 294, 9358-9364.	3.4	12
82	Thiazolyhydrazone derivatives as inhibitors for insect N-acetyl- \hat{I}^2 -d-hexosaminidase and chitinase. <i>Chinese Chemical Letters</i> , 2020, 31, 1271-1275.	9.0	12
83	New lead discovery of insect growth regulators based on the scaffold hopping strategy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127500.	2.2	12
84	Identification of novel insect \hat{I}^2 -N-acetylhexosaminidase OfHex1 inhibitors based on virtual screening, biological evaluation, and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1735-1743.	3.5	12
85	Cyclic strength of sand under a nonstandard elliptical rotation stress path induced by wave loading. <i>Journal of Hydrodynamics</i> , 2017, 29, 89-95.	3.2	11
86	The influence of organic matter on the strength development of cement-stabilized marine soft clay. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 983-993.	2.1	11
87	Lynamicin B is a Potential Pesticide by Acting as a Lepidoptera-Exclusive Chitinase Inhibitor. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 14086-14091.	5.2	11
88	Adaptive element free Galerkin method applied to analysis of earthquake induced liquefaction. <i>Earthquake Engineering and Engineering Vibration</i> , 2008, 7, 217-224.	2.3	10
89	Alignment-free Comparison of Protein Sequences Based on Reduced Amino Acid Alphabets. <i>Journal of Biomolecular Structure and Dynamics</i> , 2009, 26, 763-769.	3.5	10
90	A Modeling Study for Structure Features of \hat{I}^2 -N-acetyl-d-hexosaminidase from <i>Ostrinia furnacalis</i> and its Novel Inhibitor Allosamidin: Species Selectivity and Multi-Target Characteristics. <i>Chemical Biology and Drug Design</i> , 2012, 79, 572-582.	3.2	10

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91	An optimized cocktail of chitinolytic enzymes to produce N,Nâ€²-diacetylchitobiose and N-acetyl-d-glucosamine from defatted krill by-products. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 1029-1034.	7.5	10
92	Glycosyl triazoles as novel insect Î²-N-acetylhexosaminidase OfHex1 inhibitors: Design, synthesis, molecular docking and MD simulations. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2315-2322.	3.0	10
93	Crystal Structure and Structure-Based Discovery of Inhibitors of the Nematode Chitinase <i>Ce</i>Cht1. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3519-3526.	5.2	10
94	Pore Pressure and Strength Behaviors of Reconstituted Marine Sediments Involving Thermal Effects. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	10
95	AA15 lytic polysaccharide monoxygenase is required for efficient chitinous cuticle turnover during insect molting. <i>Communications Biology</i> , 2022, 5, .	4.4	10
96	Piperonyl-Tethered Rhodanine Derivatives Potently Inhibit Chitinolytic Enzymes of <i>Ostrinia furnacalis</i>. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7387-7399.	5.2	10
97	BIOCHEMICAL CHARACTERIZATION OF A NOVEL Î²â€N</i>â€ACETYLHEXOSAMINIDASE FROM THE INSECT <i>OSTRINIA FURNACALIS</i>. <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 83, 115-126.	1.5	9
98	Exploring unsymmetrical dyads as efficient inhibitors against the insect Î²-N-acetyl-d-hexosaminidase OfHex2. <i>Biochimie</i> , 2014, 97, 152-162.	2.6	9
99	Group effect of dragload in pile groups embedded in consolidating soil under embankment load. <i>KSCE Journal of Civil Engineering</i> , 2016, 20, 2208-2220.	1.9	9
100	A slurry consolidation method for reconstitution of triaxial specimens. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 150-159.	1.9	9
101	Virtual screening, synthesis, and bioactivity evaluation for the discovery of Î²â€N â€acetylâ€Dâ€hexosaminidase inhibitors. <i>Pest Management Science</i> , 2020, 76, 3030-3037.	3.4	9
102	Discovery of Kasugamycin as a Potent Inhibitor of Glycoside Hydrolase Family 18 Chitinases. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 640356.	3.5	9
103	Coassembly of a New Insect Cuticular Protein and Chitosan via Liquidâ€Liquid Phase Separation. <i>Biomacromolecules</i> , 2022, 23, 2562-2571.	5.4	9
104	A comprehensive study on numerical analysis of contaminant migration process in compacted clay liner and underlying aquifer for MSW landfill. <i>European Journal of Environmental and Civil Engineering</i> , 2015, 19, 950-975.	2.1	8
105	X-ray Structure and Molecular Docking Guided Discovery of Novel Chitinase Inhibitors with a Scaffold of Dipyridopyrimidine-3-carboxamide. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13584-13593.	5.2	8
106	Installation effects of the post-grouted micropile in marine soft clay. <i>Acta Geotechnica</i> , 2020, 15, 3559-3569.	5.7	8
107	Experimental Study on the Effect of Plant Ash on Soft Clay Stabilized with Cement-Based Composites. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 105-117.	1.7	8
108	Structure-based virtual screening of highly potent inhibitors of the nematode chitinase <i>Ce</i>Cht1. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1198-1204.	5.2	8

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109	Evaluation of group effect of pile group under dragload embedded in clay. Central South University, 2009, 16, 503-512.	0.5	7
110	Theoretical studies on penetration resistance of suction caissons in clay. Marine Georesources and Geotechnology, 2019, 37, 558-567.	2.1	7
111	Hydro-mechanical constitutive model for overconsolidated unsaturated soils. European Journal of Environmental and Civil Engineering, 2020, 24, 1802-1820.	2.1	7
112	BIOINSECTICIDES AS FUTURE MAINSTREAM PEST CONTROL AGENTS: OPPORTUNITIES AND CHALLENGES. Frontiers of Agricultural Science and Engineering, 2022, 9, 82.	1.4	7
113	SERCA interacts with chitin synthase and participates in cuticular chitin biogenesis in Drosophila. Insect Biochemistry and Molecular Biology, 2022, 145, 103783.	2.7	7
114	Loading sequence effects on dragload and downdrag for pile foundation. Transactions of Tianjin University, 2010, 16, 203-208.	6.4	6
115	Naphthalimide and quinoline derivatives as inhibitors for insect N-acetyl- β -d-hexosaminidase. Chinese Chemical Letters, 2019, 30, 977-980.	9.0	6
116	Limit equilibrium solutions to anti-overturning bearing capacity of suction caissons in uniform and linearly increasing strength clays. Canadian Geotechnical Journal, 2022, 59, 304-313.	2.8	6
117	Responses of suction buckets subjected to sustained vertical uplift loads in sand. Marine Georesources and Geotechnology, 2022, 40, 36-51.	2.1	6
118	Unsymmetrically Regioselective Homodimerization Depends on the Subcellular Colocalization of Laccase/Fasciclin Protein in the Biosynthesis of Phlegmacins. ACS Chemical Biology, 2022, 17, 791-796.	3.4	6
119	Dragload and downdrag performances of inclined pile group embedded in consolidating soil. Transactions of Tianjin University, 2011, 17, 175-180.	6.4	5
120	Molecular Insights into the Insensitivity of Lepidopteran Pests to Cycloxyaprid. Journal of Agricultural and Food Chemistry, 2020, 68, 982-988.	5.2	5
121	Geotechnical Properties of a New Transparent Clay. International Journal of Geomechanics, 2020, 20, .	2.7	5
122	Synthesis of ureido thioglycosides as novel insect β -N-acetylhexosaminidase OfHex1 inhibitors. Bioorganic and Medicinal Chemistry, 2020, 28, 115602.	3.0	5
123	Chitin in insect cuticle. Advances in Insect Physiology, 2022, , 1-110.	2.7	5
124	Determination of diffusion coefficient and analysis of diffusion factors of Cr(VI) ion in clay soil. Transactions of Tianjin University, 2011, 17, 51-56.	6.4	4
125	A new approach to interpret the mechanical behaviour of unsaturated soil using effective stress and degree of saturation. European Journal of Environmental and Civil Engineering, 2019, 23, 1106-1124.	2.1	4
126	Experimental study and constitutive modeling of volume change behavior in unsaturated soils. Bulletin of Engineering Geology and the Environment, 2021, 80, 679-689.	3.5	4

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127	Resistance of Caisson Tip with Internal Bevels for Suction Caissons Penetrating into Clay. International Journal of Geomechanics, 2021, 21, .	2.7	4
128	Design, synthesis, biological evaluation and molecular docking of C-glycosidic oximino carbamates as novel OfHex1 inhibitors. Carbohydrate Research, 2022, 520, 108629.	2.3	4
129	Study on damage bifurcation and instability of rock-like materials. Acta Mechanica Solida Sinica, 2006, 19, 275-282.	1.9	3
130	An Experimental Study on Creep Behaviour and Hyperbolic Constitutive Model of Geogrids with Applications. , 2006, , 281.		3
131	A midgut-specific lytic polysaccharide monooxygenase of Locusta migratoria is indispensable for the deconstruction of the peritrophic matrix. Insect Science, 2022, , .	3.0	3
132	Protein secondary structure class assignment on the basis of a new graphic representation. International Journal of Quantum Chemistry, 2009, 109, 819-825.	2.0	2
133	Experimental Measurement of the Permeability of Calcareous Sands in the South China Sea. , 2016, , .		2
134	Introduction to the thematic set of papers on: marine engineering geology. Bulletin of Engineering Geology and the Environment, 2018, 77, 893-895.	3.5	2
135	The Strength Assessment for T-bar Penetrometer Tests at Shallow Embedment in Clay considering Strain Softening. KSCE Journal of Civil Engineering, 2021, 25, 2369-2380.	1.9	2
136	Field performances of energy pile based on the secondary utilization of sonic logging pipes. Geomechanics for Energy and the Environment, 2022, 32, 100280.	2.5	2
137	Microstructural Evolution alongside the Strength Degradation of Soft Marine Soil under Cyclic Loading. International Journal of Geomechanics, 2022, 22, .	2.7	2
138	Design and Optimization of Thioglycosylated naphthalimides as Efficient Inhibitors Against Human O-GlcNAcase. Frontiers in Chemistry, 2019, 7, 533.	3.6	1
139	New Advances in Marine Engineering Geology. Journal of Marine Science and Engineering, 2021, 9, 66.	2.6	1
140	Penetration Resistance of Skirt-Tip with Rough Base for Suction Caissons in Clay. China Ocean Engineering, 2020, 34, 784-794.	1.6	1
141	Predicting lateral displacement caused by seismic liquefaction and performing parametric sensitivity analysis: Considering cumulative absolute velocity and fine content. Frontiers of Structural and Civil Engineering, 2021, 15, 506.	2.9	0
142	Insect Enzymes in Chitin Turnover and Deacetylation. , 2022, , 235-257.		0
143	Interpretation of Interbedded Thin-Soft Layer Properties from T-Bar Penetration Tests. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2022, 148, .	3.0	0