Tao Sun

List of Publications by Year
in descending order

150 papers	4,047 citations	136950 32 h-index	149698 56 g-index
158 all docs	158 docs citations	158 times ranked	5014 citing authors

#	Article	IF	Citations
1	A Microâ€Environment Regulator for Filling the Clinical Treatment Gap after a Glioblastoma Operation. Advanced Healthcare Materials, 2022, 11, e2101578.	7.6	7
2	Exosomes derived from immunogenically dying tumor cells as a versatile tool for vaccination against pancreatic cancer. Biomaterials, 2022, 280, 121306.	11.4	32
3	Identifying changes in China's Bohai and Yellow Sea fisheries resources using a causality-based indicator framework, convergent cross-mapping, and structural equation modeling. Environmental and Sustainability Indicators, 2022, 14, 100171.	3.3	0
4	Bio-inspired engineering of a perfusion culture platform for guided three-dimensional nerve cell growth and differentiation. Lab on A Chip, 2022, 22, 1006-1017.	6.0	13
5	Quantitative initial safety range of early passive rehabilitation after ankle fracture surgery. Injury, 2022, 53, 2281-2286.	1.7	3
6	NIR-Light-Intensified Hypoxic Microenvironment for Cascaded Supra-Prodrug Activation and Synergistic Chemo/Photodynamic Cancer Therapy. , 2022, 4, 111-119.		14
7	Nanowires in Flexible Sensors: Structure is Becoming a Key in Controlling the Sensing Performance. Advanced Materials Technologies, 2022, 7, .	5.8	6
8	Increased river flow enhances the resilience of spatially patterned mudflats to erosion. Water Research, 2022, 220, 118660.	11.3	2
9	Flexible Equivalent Strain Sensor with Ordered Concentric Circular Curved Cracks Inspired by Scorpion. ACS Applied Materials & Interfaces, 2022, 14, 29441-29450.	8.0	4
10	A multifunctional flexible sensor with coupling bionic microstructures inspired by nature. Journal of Materials Chemistry C, 2022, 10, 11296-11306.	5.5	3
11	Event-Triggered Optimal Control for Discrete-Time Switched Nonlinear Systems With Constrained Control Input. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7850-7859.	9.3	35
12	Pancreatic cancer-targeting exosomes for enhancing immunotherapy and reprogramming tumor microenvironment. Biomaterials, 2021, 268, 120546.	11.4	237
13	Pulsed Microfluid Force-Based On-Chip Modular Fabrication for Liver Lobule-Like 3D Cellular Models. Cyborg and Bionic Systems, 2021, 2021, .	7.9	13
14	Effect of floral traits mediated by plant-soil feedback on the relationship between plant density and fecundity: Case study of Tamarix chinensis in the Yellow River Delta, China. Global Ecology and Conservation, 2021, 26, e01479.	2.1	2
15	Quantitative food web structure and ecosystem functions in a warm-temperate seagrass bed. Marine Biology, 2021, 168, 1.	1.5	7
16	Biomimetic Dendrimerâ€“Peptide Conjugates for Early Multiâ€Target Therapy of Alzheimer's Disease by Inflammatory Microenvironment Modulation. Advanced Materials, 2021, 33, e2100746.	21.0	50
17	Spatial Analysis as a Tool for Plant Population Conservation: A Case Study of Tamarix chinensis in the Yellow River Delta, China. Sustainability, 2021, 13, 8291.	3.2	2
18	Recent advances in nanomedicines for the treatment of ischemic stroke. Acta Pharmaceutica Sinica B, 2021, 11, 1767-1788.	12.0	68

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19	Humic acid mediated toxicity of faceted TiO2 nanocrystals to Daphnia magna. Journal of Hazardous Materials, 2021, 416, 126112.	12.4	9
20	Macrophageâ€Disguised Manganese Dioxide Nanoparticles for Neuroprotection by Reducing Oxidative Stress and Modulating Inflammatory Microenvironment in Acute Ischemic Stroke. Advanced Science, 2021, 8, e2101526.	11.2	109
21	Movement of mud snails affects population dynamics, primary production and landscape heterogeneity in tidal flat ecosystems. Landscape Ecology, 2021, 36, 3493-3506.	4.2	3
22	Sequentially Triggered Bacterial Outer Membrane Vesicles for Macrophage Metabolism Modulation and Tumor Metastasis Suppression. ACS Nano, 2021, 15, 13826-13838.	14.6	54
23	Disentangling the relative influence of regeneration processes on marsh plant assembly with a stage-structured plant assembly model. Ecological Modelling, 2021, 455, 109646.	2.5	1
24	Responses of Macroinvertebrate Community Temporal Dissimilarity and Abundance to the Water Level Fluctuation Range in a Shallow Lake. Water (Switzerland), 2021, 13, 3380.	2.7	0
25	A Selective-Response Bioinspired Strain Sensor Using Viscoelastic Material as Middle Layer. ACS Nano, 2021, 15, 19629-19639.	14.6	22
26	Physiological and biochemical responses of the salt-marsh plant Spartina alterniflora to long-term wave exposure. Annals of Botany, 2020, 125, 291-300.	2.9	5
27	Net heterotrophy and low carbon dioxide emissions from biological processes in the Yellow River Estuary, China. Water Research, 2020, 171, 115457.	11.3	11
28	Biped Walking of Magnetic Microrobot in Oscillating Field for Indirect Manipulation of Non-Magnetic Objects. IEEE Nanotechnology Magazine, 2020, 19, 21-24.	2.0	12
29	RPL21 siRNA Blocks Proliferation in Pancreatic Cancer Cells by Inhibiting DNA Replication and Inducing G1 Arrest and Apoptosis. Frontiers in Oncology, 2020, 10, 1730.	2.8	13
30	The Longitudinal Profile of a Prograding River and Its Response to Sea Level Rise. Geophysical Research Letters, 2020, 47, e2020GL090450.	4.0	3
31	Shortâ€Term Environmental Flow Assessment of a Functional Estuarine Tidal Flat Ecosystem: A Nonlinear Ecological Response to Flow Alteration. Water Resources Research, 2020, 56, e2020WR027084.	4.2	5
32	Wave Controls on Deltaic Shorelineâ€Channel Morphodynamics: Insights From a Coupled Model. Water Resources Research, 2020, 56, e2020WR027298.	4.2	6
33	Click-Nucleic-Acid-Containing Codelivery System Inducing Collapse of Cellular Homeostasis for Tumor Therapy through Bidirectional Regulation of Autophagy and Glycolysis. ACS Applied Materials & Interfaces, 2020, 12, 57757-57767.	8.0	9
34	Asymmetric responses of spatial variation of different communities to a salinity gradient in coastal wetlands. Marine Environmental Research, 2020, 158, 105008.	2.5	17
35	High-aspect-ratio deflection transducers inspired by the ultra-sensitive cantilever configuration of scorpion trichobothria. Journal of Materials Chemistry C, 2020, 8, 6093-6101.	5.5	10
36	Theranostic nanoparticles enabling the release of phosphorylated gemcitabine for advanced pancreatic cancer therapy. Journal of Materials Chemistry B, 2020, 8, 2410-2417.	5.8	6

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37	Mechanism of species dynamics and interactions under impacts of artificial barriers in coastal areas. Ocean and Coastal Management, 2020, 190, 105166.	4.4	3
38	Flexible and highly sensitive pressure sensors based on microcrack arrays inspired by scorpions. RSC Advances, 2019, 9, 22740-22748.	3.6	16
39	Short-term response of aquatic ecosystem metabolism to turbidity disturbance in experimental estuarine wetlands. Ecological Engineering, 2019, 136, 55-61.	3.6	8
40	Three-Dimensional Autofocusing Visual Feedback for Automated Rare Cells Sorting in Fluorescence Microscopy. Micromachines, 2019, 10, 567.	2.9	3
41	Trained Macrophage Bioreactor for Penetrating Delivery of Fused Antitumor Protein. ACS Applied Materials & Interfaces, 2019, 11, 23018-23025.	8.0	8
42	A unique meadow of the marine angiosperm Zostera japonica, covering a large area in the turbid intertidal Yellow River Delta, China. Science of the Total Environment, 2019, 686, 118-130.	8.0	20
43	Codelivery Nanosystem Targeting the Deep Microenvironment of Pancreatic Cancer. Nano Letters, 2019, 19, 3527-3534.	9.1	55
44	Longâ€Term Cumulative Effects of Intraâ€Annual Variability of Unsteady River Discharge on the Progradation of Delta Lobes: A Modeling Perspective. Journal of Geophysical Research F: Earth Surface, 2019, 124, 960-973.	2.8	13
45	Drug Delivery: Activated Plateletsâ€Targeting Micelles with Controlled Drug Release for Effective Treatment of Primary and Metastatic Triple Negative Breast Cancer (Adv. Funct. Mater. 13/2019). Advanced Functional Materials, 2019, 29, 1970086.	14.9	1
46	Microthrombusâ€Targeting Micelles for Neurovascular Remodeling and Enhanced Microcirculatory Perfusion in Acute Ischemic Stroke. Advanced Materials, 2019, 31, e1808361.	21.0	105
47	Alzheimer's Disease: Microenvironment Remodeling Micelles for Alzheimer's Disease Therapy by Early Modulation of Activated Microglia (Adv. Sci. 4/2019). Advanced Science, 2019, 6, 1970024.	11.2	9
48	Activated Plateletsâ€Targeting Micelles with Controlled Drug Release for Effective Treatment of Primary and Metastatic Triple Negative Breast Cancer. Advanced Functional Materials, 2019, 29, 1806620.	14.9	43
49	GLUT1-mediated effective anti-miRNA21 pompon for cancer therapy. Acta Pharmaceutica Sinica B, 2019, 9, 832-842.	12.0	25
50	Macrophage-Membrane-Coated Nanoparticles for Tumor-Targeted Chemotherapy. Nano Letters, 2018, 18, 1908-1915.	9.1	289
51	Reactive Oxygen Species-Biodegradable Gene Carrier for the Targeting Therapy of Breast Cancer. ACS Applied Materials & Interfaces, 2018, 10, 10398-10408.	8.0	46
52	Eco-compensation standards for sustaining high flow events below hydropower plants. Journal of Cleaner Production, 2018, 182, 1-7.	9.3	26
53	Competitive ability, stress tolerance and plant interactions along stress gradients. Ecology, 2018, 99, 848-857.	3.2	69
54	Habitat-mediated, density-dependent dispersal strategies affecting spatial dynamics of populations in an anthropogenically-modified landscape. Science of the Total Environment, 2018, 625, 1510-1517.	8.0	7

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55	Substance P-modified human serum albumin nanoparticles loaded with paclitaxel for targeted therapy of glioma. Acta Pharmaceutica Sinica B, 2018, 8, 85-96.	12.0	93
56	Seasonal dynamics of trace elements in sediment and seagrass tissues in the largest Zostera japonica habitat, the Yellow River Estuary, northern China. Marine Pollution Bulletin, 2018, 134, 5-13.	5.0	14
57	Detection of regime shifts in a shallow lake ecosystem based on multi-proxy paleolimnological indicators. Ecological Indicators, 2018, 92, 312-321.	6.3	18
58	The impact of multiple seashore reclamation activities on vegetation cover in the Yellow River Delta, China: implications based on structural equation modeling. Journal of Coastal Conservation, 2018, 22, 283-292.	1.6	11
59	Biomacromolecules as carriers in drug delivery and tissue engineering. Acta Pharmaceutica Sinica B, 2018, 8, 34-50.	12.0	276
60	Salt marsh vegetation distribution patterns along groundwater table and salinity gradients in yellow river estuary under the influence of land reclamation. Ecological Indicators, 2018, 92, 82-90.	6.3	20
61	The Major Driving Force on Net Ecosystem Production in the North Estuary, China. IOP Conference Series: Materials Science and Engineering, 2018, 392, 042043.	0.6	1
62	Combined Effects of Unsteady River Discharges and Wave Conditions on River Mouth Bar Morphodynamics. Geophysical Research Letters, 2018, 45, 12,903.	4.0	21
63	Trade-Off Analysis to Determine Environmental Flows in a Highly Regulated Watershed. Scientific Reports, 2018, 8, 14130.	3.3	13
64	Enhanced bioreduction-responsive diselenide-based dimeric prodrug nanoparticles for triple negative breast cancer therapy. Theranostics, 2018, 8, 4884-4897.	10.0	33
65	Which Genes in a Typical Intertidal Seagrass (Zostera japonica) Indicate Copper-, Lead-, and Cadmium Pollution?. Frontiers in Plant Science, 2018, 9, 1545.	3.6	11
66	Dimeric Prodrug Self-Delivery Nanoparticles with Enhanced Drug Loading and Bioreduction Responsiveness for Targeted Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 39455-39467.	8.0	35
67	Double-sided effect of tumor microenvironment on platelets targeting nanoparticles. Biomaterials, 2018, 183, 258-267.	11.4	25
68	Azadirachtin acting as a hazardous compound to induce multiple detrimental effects in Drosophila melanogaster. Journal of Hazardous Materials, 2018, 359, 338-347.	12.4	25
69	Platinum-Based Nanovectors Engineered with Immuno-Modulating Adjuvant for Inhibiting Tumor growth and Promoting Immunity. Theranostics, 2018, 8, 2974-2987.	10.0	19
70	Endogenous albumin-mediated delivery of redox-responsive paclitaxel-loaded micelles for targeted cancer therapy. Biomaterials, 2018, 183, 243-257.	11.4	64
71	Biomimetic Human Serum Albumin Nanoparticle for Efficiently Targeting Therapy to Metastatic Breast Cancers. ACS Applied Materials & Interfaces, 2017, 9, 7424-7435.	8.0	57
72	Environmental flow assessment in estuaries taking into consideration species dispersal in fragmented potential habitats. Ecological Indicators, 2017, 78, 541-548.	6.3	12

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73	Development of an integrated indicator system to assess the impacts of reclamation engineering on a river estuary. Marine Pollution Bulletin, 2017, 119, 50-59.	5.0	10
74	Labyrinths in large reservoirs: An invisible barrier to fish migration and the solution through reservoir operation. Water Resources Research, 2017, 53, 817-831.	4.2	45
75	Bioavailability of trace metals in sediments of a recovering freshwater coastal wetland in China's Yellow River Delta, and risk assessment for the macrobenthic community. Chemosphere, 2017, 189, 661-671.	8.2	13
76	Novel cycloneolignans from Vernicia fordii with inhibitory effects on over-activation of BV2 cells in vitro. Scientific Reports, 2017, 7, 13608.	3.3	7
77	Tumor-Targeting Micelles Based on Linearâ€“Dendritic PEGâ€“PTX₈ Conjugate for Triple Negative Breast Cancer Therapy. Molecular Pharmaceutics, 2017, 14, 3409-3421.	4.6	22
78	Macrobenthos functional groups as indicators of ecological restoration in the northern part of Chinaâ€™s Yellow River Delta Wetlands. Ecological Indicators, 2017, 82, 381-391.	6.3	24
79	Robotics-based micro-reeling of magnetic microfibers to fabricate helical structure for smooth muscle cells culture. , 2017, , .		4
80	Type Synthesis of Parallel Tracking Mechanism With Varied Axes by Modeling Its Finite Motions Algebraically. Journal of Mechanisms and Robotics, 2017, 9, .	2.2	21
81	A multi-scale integrated modeling framework to measure comprehensive impact of coastal reclamation activities in Yellow River estuary, China. Marine Pollution Bulletin, 2017, 122, 27-37.	5.0	13
82	ATP/pH Dual Responsive Nanoparticle with <scp>d</scp>â€[desâ€Arg¹⁰]Kallidin Mediated Efficient In Vivo Targeting Drug Delivery. Small, 2017, 13, 1602494.	10.0	21
83	Maintenance of salt barrens inhibited landward invasion of Spartina species in salt marshes. Ecosphere, 2017, 8, e01982.	2.2	19
84	The economic impact of electric vehicle routing and charging strategy on traffic-power integrated networks. , 2017, , .		2
85	A Shapley value based method for allocating carbon obligation between generation side and demand side in power system. , 2017, , .		1
86	Hydrological management for improving nutrient assimilative capacity in plant-dominated wetlands: A modelling approach. Journal of Environmental Management, 2016, 177, 84-92.	7.8	5
87	Suitable habitat mapping in the Yangtze River Estuary influenced by land reclamations. Ecological Engineering, 2016, 97, 64-73.	3.6	16
88	Does the implementation of environmental flows improve wetland ecosystem services and biodiversity? A literature review. Restoration Ecology, 2016, 24, 731-742.	2.9	23
89	T7 Peptide-Functionalized PEG-PLGA Micelles Loaded with Carmustine for Targeting Therapy of Glioma. ACS Applied Materials & Interfaces, 2016, 8, 27465-27473.	8.0	77
90	Amino Acid Metabolism Abnormity and Microenvironment Variation Mediated Targeting and Controlled Glioma Chemotherapy. Small, 2016, 12, 5633-5645.	10.0	27

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91	Anti-oxidative feedback and biomarkers in the intertidal seagrass Zostera japonica induced by exposure to copper, lead and cadmium. Marine Pollution Bulletin, 2016, 109, 325-333.	5.0	31
92	Chemotherapy: Amino Acid Metabolism Abnormity and Microenvironment Variation Mediated Targeting and Controlled Glioma Chemotherapy (Small 40/2016). Small, 2016, 12, 5510-5510.	10.0	1
93	Non-contact high-speed rotation of micro targets by vibration of single piezoelectric actuator. , 2016, , .		4
94	Resilience changes in watershed systems: A new perspective to quantify long-term hydrological shifts under perturbations. Journal of Hydrology, 2016, 539, 281-289.	5.4	21
95	New model to assessing nutrient assimilative capacity in plant-dominated lakes: Considering ecological effects of hydrological changes. Ecological Modelling, 2016, 332, 94-102.	2.5	9
96	Effects of Freshwater Releases on the Delivery of Ecosystem Services in Coastal Wetlands of the Yellow River Delta Using an Improved Input-State-Output Approach. Wetlands, 2016, 36, 103-112.	1.5	11
97	Fuzzy Logic Method for Evaluating Habitat Suitability in an Estuary Affected by Land Reclamation. Wetlands, 2016, 36, 19-30.	1.5	19
98	Impact of Land Reclamation on the Evolution of Shoreline Change and Nearshore Vegetation Distribution in Yangtze River Estuary. Wetlands, 2016, 36, 11-17.	1.5	27
99	Simulating Dynamic Vegetation Changes in a Tidal Restriction Area with Relative Stress Tolerance Curves. Wetlands, 2016, 36, 31-43.	1.5	10
100	High-Speed Bioassembly of Cellular Microstructures With Force Characterization for Repeating Single-Step Contact Manipulation. IEEE Robotics and Automation Letters, 2016, 1, 1097-1102.	5.1	3
101	Micromanipulation for Coiling Microfluidic Spun Alginate Microfibers by Magnetically Guided System. IEEE Robotics and Automation Letters, 2016, 1, 808-813.	5.1	8
102	Effects of seashore reclamation activities on the health of wetland ecosystems: A case study in the Yellow River Delta, China. Ocean and Coastal Management, 2016, 123, 44-52.	4.4	62
103	Microbubbles for High-Speed Assembly of Cell-Laden Vascular-Like Microtube. IEEE Robotics and Automation Letters, 2016, 1, 754-759.	5.1	1
104	Short-Term Response of Aquatic Metabolism to Hydrologic Pulsing in the Coastal Wetlands of Yellow River Delta. Wetlands, 2016, 36, 81-94.	1.5	8
105	Potential ecological risk of heavy metal contamination in sediments and macrobenthos in coastal wetlands induced by freshwater releases: A case study in the Yellow River Delta, China. Marine Pollution Bulletin, 2016, 103, 227-239.	5.0	46
106	Heavy metal spatial variation, bioaccumulation, and risk assessment of Zostera japonica habitat in the Yellow River Estuary, China. Science of the Total Environment, 2016, 541, 435-443.	8.0	70
107	3D magnetic assembly of cellular structures with "printing" manipulation by microrobot-controlled microfluidic system. , 2015, , .		3
108	Automated biomanipulation to assemble cellular microstructure with railed multi-microrobotic system. , 2015, , .		0

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109	Aquatic metabolism response to the hydrologic alteration in the Yellow River estuary, China. Journal of Hydrology, 2015, 525, 42-54.	5.4	20
110	Modeling the Temporal Evolution of Dredging-Induced Turbidity in the Far Field. Journal of Waterway, Port, Coastal and Ocean Engineering, 2015, 141, .	1.2	6
111	Environmental flow assessments for transformed estuaries. Journal of Hydrology, 2015, 520, 75-84.	5.4	17
112	Synthesis and characterization of four novel 2-(trimethylsilyl)ethyl glycosides. Research on Chemical Intermediates, 2015, 41, 1107-1113.	2.7	0
113	Modeling net ecosystem metabolism influenced by artificial hydrological regulation: An application to the Yellow River Estuary, China. Ecological Engineering, 2015, 76, 84-94.	3.6	11
114	Bayesian networks for environmental flow decision-making and an application in the Yellow River estuary, China. Hydrology and Earth System Sciences, 2014, 18, 1641-1651.	4.9	23
115	Measurement-based performance evaluation of 3D MIMO in high rise scenario. , 2014, , .		4
116	Environmental flow assessments in estuaries related to preference of phytoplankton. Hydrology and Earth System Sciences, 2014, 18, 1785-1791.	4.9	7
117	A framework for determining recommended environmental flows for balancing agricultural and ecosystem water demands. Hydrological Sciences Journal, 2014, 59, 890-903.	2.6	18
118	Relay-aided interference alignment and neutralization for 3-cellular interference channels. , 2014, , .		3
119	Economic development and coastal ecosystem change in China. Scientific Reports, 2014, 4, 5995.	3.3	210
120	MULTISTAGE ANALYSIS OF HYDROLOGIC ALTERATIONS IN THE YELLOW RIVER, CHINA. River Research and Applications, 2013, 29, 991-1003.	1.7	28
121	Slow decomposition of very fine roots and some factors controlling the process: a 4-year experiment in four temperate tree species. Plant and Soil, 2013, 372, 445-458.	3.7	63
122	Further evidence for slow decomposition of very fine roots using two methods: litterbags and intact cores. Plant and Soil, 2013, 366, 633-646.	3.7	35
123	An improved ET control method to determine the water-saving potential for farmland in Baiyangdian Watershed, China. Frontiers of Earth Science, 2013, 7, 151-158.	2.1	5
124	Economic compensation standard for irrigation processes to safeguard environmental flows in the Yellow River Estuary, China. Journal of Hydrology, 2013, 482, 129-138.	5.4	43
125	Assembly of 3D cell-laden constructs based on rail-guided dextrous stick coordination manipulation. , 2013, , .		1
126	Environmental flow assessments in estuaries based on an integrated multi-objective method. Hydrology and Earth System Sciences, 2013, 17, 751-760.	4.9	18

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127	Ecological water requirements for the source region of China's Yangtze River under a range of ecological management objectives. Water International, 2012, 37, 236-252.	1.0	6
128	Aspects of lipid oxidation of meat from free-range broilers consuming a diet containing grasshoppers on alpine steppe of the Tibetan Plateau. Poultry Science, 2012, 91, 224-231.	3.4	21
129	Meat fatty acid and cholesterol level of freeâ€range broilers fed on grasshoppers on alpine rangeland in the Tibetan Plateau. Journal of the Science of Food and Agriculture, 2012, 92, 2239-2243.	3.5	8
130	Objective-Based Method for Environmental Flow Assessment in Estuaries and Its Application to the Yellow River Estuary, China. Estuaries and Coasts, 2012, 35, 892-903.	2.2	18
131	Net Ecosystem Metabolism Simulation by Dynamic Dissolved Oxygen Model in Yellow River Estuary, China. Procedia Environmental Sciences, 2012, 13, 807-817.	1.4	3
132	Fluorescent Vesicular Particles Assembled by Inclusion Complexes Between Cyclodextrins and BPB. Journal of Dispersion Science and Technology, 2011, 32, 834-839.	2.4	6
133	The effects of groundwater table and flood irrigation strategies on soil water and salt dynamics and reed water use in the Yellow River Delta, China. Ecological Modelling, 2011, 222, 241-252.	2.5	84
134	Research on the impact resistance for protective shell of missle-born date recorder. , 2011, , .		0
135	Numerical study of determining penetration depth based on overload information. , 2011, , .		1
136	Sensitive fluorescent vesicles based on the supramolecular inclusion of Î²-cyclodextrins withN-alkylamino-l-anthraquinone. Supramolecular Chemistry, 2011, 23, 351-364.	1.2	17
137	The numerical simulation of projectile penetration acceleration distribution based on ANSYS/LS-DYNA. , 2011, , .		0
138	The temporal trends of reference evapotranspiration and its sensitivity to key meteorological variables in the Yellow River Basin, China. Hydrological Processes, 2010, 24, 2171-2181.	2.6	51
139	Assessing effects of dam operation on flow regimes in the lower Yellow River. Procedia Environmental Sciences, 2010, 2, 507-516.	1.4	28
140	Temporal trends of hydroâ€climatic variables and runoff response to climatic variability and vegetation changes in the Yiluo River basin, China. Hydrological Processes, 2009, 23, 3030-3039.	2.6	50
141	Environmental flows for the Yangtze Estuary based on salinity objectives. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 959-971.	3.3	47
142	Environmental flow requirements for integrated water resources allocation in the Yellow River Basin, China. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 2469-2481.	3.3	76
143	What confines an annual plant to two separate zones along coastal topographic gradients?. Hydrobiologia, 2009, 630, 327-340.	2.0	38
144	Modeling the depuration rates of polychlorinated biphenyls in two mussel species with theoretical molecular descriptors. Science in China Series B: Chemistry, 2009, 52, 1281-1286.	0.8	1

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145	QSARs on the Depuration Rate Constants of Polycyclic Aromatic Hydrocarbons in Elliptio complanata. QSAR and Combinatorial Science, 2009, 28, 537-541.	1.4	1
146	Freshwater inflow requirements for the protection of the critical habitat and the drinking water sources in the Yangtze River Estuary, China. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 2507-2518.	3.3	18
147	Effect on soil properties of conversion of Yellow River Delta ecosystems. Wetlands, 2009, 29, 1014-1022.	1.5	12
148	Critical Environmental Flows to Support Integrated Ecological Objectives for the Yellow River Estuary, China. Water Resources Management, 2008, 22, 973-989.	3.9	58
149	Numerical simulation of pollutant transport acted by wave for a shallow water sea bay. International Journal for Numerical Methods in Fluids, 2006, 51, 469-487.	1.6	15
150	Trophic Diversity and Food Web Structure of Vegetated Habitats Along a Coastal Topographic Gradient. Frontiers in Marine Science, 0, 9, .	2.5	0