

序号	论文题目	第一作者	发表时间	收录类别
1	Winter wheat production on the Guanzhong Plain of Northwest China under projected future climate with SimCLIM	郑珍	2020	SCI
2	Process simulation of Chemical Looping Combustion using ASPEN plus for a mixture of biomass and coal with various oxygen carriers	周岭	2020	SCI
3	Technological and economic analyses on power generation from the waste heat in a modified aluminum smeltingpot	赵睿杰	2020	SCI
4	Modeling evapotranspiration for cucumber plants based on the Shuttleworth-Wallace model in a Venlo-type greenhouse	闫浩芳	2020	SCI
5	Energy characteristics of mixed-flow pump under different tip clearances based on entropy production analysis	李伟	2020	SCI
6	CFD-DEM bidirectional coupling simulation and experimental investigation of particle ejections and energy conversion in a spouted bed	周岭	2020	SCI
7	Flow around three circular cylinders in equilateral-triangular arrangement	王希坤	2020	SCI
8	Assessment of an improved turbulence model in simulating the unsteady flows around a D-shaped cylinder and an open cavity	张德胜	2020	SCI
9	A cavitation performance prediction method for pumps PART1-Proposal and feasibility	龙云	2020	SCI
10	An improved finite element model for the hydraulic analysis of drip irrigation subunits considering local emitter head loss	王剑	2020	SCI
11	Gas-Liquid Two-Phase Flow Investigation of Side Channel Pump: An Application of MUSIG Model	张帆	2020	SCI
12	Irrigated agriculture for food self-sufficiency in the sub-Saharan African region	刘俊萍	2020	SCI
13	Experimental determination of local head loss of non-coaxial emitters in thin-wall lay-flat polyethylene pipes	王剑	2020	SCI
14	Fabricated high performance ultrathin MoSe <sub>2</sub> nanosheets grow on MWCNT hybrid materials for asymmetric supercapacitors	王新坤	2020	SCI
15	Flow theory in the side chambers of the radial pumps: A review	张帆	2020	SCI
16	Three-dimensional flow breakup characteristics of a circular jet with different nozzle geometries	蒋跃	2020	SCI
17	Mechanism and propagation characteristics of rotating stall in a mixed-flow pump	李伟	2020	SCI
18	Convolutional Neural Network in Intelligent Fault Diagnosis Toward Rotatory Machinery	袁寿其	2020	SCI
19	Deep Learning-Based Intelligent Fault Diagnosis Methods Toward Rotating Machinery	袁寿其	2020	SCI

20	Research on the Single-Value Indicators for Centrifugal Pump Based on Vibration Signals	骆寅	2020	SCI
21	Transient simulation on closure of wicket gates in a high-head Francis-type reversible turbine operating in pump mode	王文杰	2020	SCI
22	Energy loss evaluation in a side channel pump under different wrapping angles using entropy production method	张帆	2020	SCI
23	Diagnosis of internal energy characteristics of mixed-flow pump within stall region based on entropy production analysis model	李伟	2020	SCI
24	Analysis of Rotor-Stator Interaction of a Pump-Turbine with Splitter Blades in a Pump Mode	张金凤	2020	SCI
25	Improvement of Internal Flow Performance of a Centrifugal Pump-As-Turbine (PAT) by Impeller Geometric Optimization	王龙滢	2020	SCI
26	Effects of microvortex generators on cavitation erosion by changing periodic shedding into new structures	邱宁	2020	SCI
27	Numerical Simulation of Gas-Liquid Two-Phase Flow Characteristics of Centrifugal Pump Based on the CFD-PBM	张帆	2020	SCI
28	An integrated deep learning method towards fault diagnosis of hydraulic axial piston pump	袁寿其	2020	SCI
29	Clocking effect of vaned diffuser on hydraulic performance of high-power pump by using the numerical flow loss visualization method	Gu, Yandong	2019	SCI
30	Research on the structure design of the LBE reactor coolant pump in the lead base heap	卢永刚	2019	SCI
31	Parametrization of aerodynamic and canopy resistances for modeling evapotranspiration of greenhouse cucumber	闫浩芳	2018	SCI
32	Effects of the geometrical conditions on the performance of a side channel pump: A review	Appiah, Desmond	2018	SCI
33	Transient flow characterization in energy conversion of a side channel pump under different blade suction angles	张帆	2018	SCI
34	Effect of manifold layout and fertilizer solution concentration on fertilization and flushing times and uniformity of drip irrigation systems	汤攀	2018	SCI
35	Hilbert spectrum analysis of unsteady characteristics in centrifugal pump operation under cavitation status	孙慧	2018	SCI
36	Experimental investigation on clocking effect of vaned diffuser on performance characteristics and pressure pulsations in a centrifugal pump	王文杰	2018	SCI