

Fang Fang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204 papers	4,067 citations	34 h-index	53 g-index
223 ext. papers	5,256 ext. citations	6.4 avg, IF	5.75 L-index

#	Paper	IF	Citations
204	Biventricular pacing in patients with bradycardia and normal ejection fraction. <i>New England Journal of Medicine</i> , 2009 , 361, 2123-34	59.2	314
203	Effect of paricalcitol on left ventricular mass and function in CKD--the OPERA trial. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 175-86	12.7	168
202	A new absorbent by modifying walnut shell for the removal of anionic dye: kinetic and thermodynamic studies. <i>Bioresource Technology</i> , 2014 , 163, 199-205	11	138
201	Quantitative analysis of mitral valve morphology in mitral valve prolapse with real-time 3-dimensional echocardiography: importance of annular saddle shape in the pathogenesis of mitral regurgitation. <i>Circulation</i> , 2013 , 127, 832-41	16.7	119
200	The perspective on cholesterol-lowering mechanisms of probiotics. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 94-105	5.9	112
199	Functional groups characteristics of EPS in biofilm growing on different carriers. <i>Chemosphere</i> , 2013 , 92, 633-8	8.4	94
198	Biventricular pacing is superior to right ventricular pacing in bradycardia patients with preserved systolic function: 2-year results of the PACE trial. <i>European Heart Journal</i> , 2011 , 32, 2533-40	9.5	86
197	Potentials and challenges of phosphorus recovery as vivianite from wastewater: A review. <i>Chemosphere</i> , 2019 , 226, 246-258	8.4	77
196	Improvement of atrial function and atrial reverse remodeling after cardiac resynchronization therapy for heart failure. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 778-85	15.1	70
195	Quantification of left ventricular regional myocardial function using two-dimensional speckle tracking echocardiography in healthy volunteers--a multi-center study. <i>International Journal of Cardiology</i> , 2013 , 167, 495-501	3.2	65
194	Novel strategy to stimulate the food wastes anaerobic fermentation performance by eggshell wastes conditioning and the underlying mechanisms. <i>Chemical Engineering Journal</i> , 2020 , 398, 125560	14.7	65
193	Allelic variation of bile salt hydrolase genes in <i>Lactobacillus salivarius</i> does not determine bile resistance levels. <i>Journal of Bacteriology</i> , 2009 , 191, 5743-57	3.5	62
192	Improving anaerobic fermentation of waste activated sludge using iron activated persulfate treatment. <i>Bioresource Technology</i> , 2018 , 268, 68-76	11	62
191	Left atrial regional phasic strain, strain rate and velocity by speckle-tracking echocardiography: normal values and effects of aging in a large group of normal subjects. <i>International Journal of Cardiology</i> , 2013 , 168, 3473-9	3.2	56
190	Border ownership selectivity in human early visual cortex and its modulation by attention. <i>Journal of Neuroscience</i> , 2009 , 29, 460-5	6.6	55
189	Distribution of megaplasmids in <i>Lactobacillus salivarius</i> and other lactobacilli. <i>Journal of Bacteriology</i> , 2007 , 189, 6128-39	3.5	50
188	Distinct effects of hypochlorite types on the reduction of antibiotic resistance genes during waste activated sludge fermentation: Insights of bacterial community, cellular activity, and genetic expression. <i>Journal of Hazardous Materials</i> , 2021 , 403, 124010	12.8	49

187	Feasibility of single-beat full-volume capture real-time three-dimensional echocardiography for quantification of right ventricular volume: validation by cardiac magnetic resonance imaging. <i>International Journal of Cardiology</i> , 2013 , 168, 3991-5	3.2	41
186	Characterization of endogenous plasmids from <i>Lactobacillus salivarius</i> UCC118. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 3216-28	4.8	41
185	Long-term formation of microbial products in a sequencing batch reactor. <i>Water Research</i> , 2010 , 44, 3787-96	12.5	40
184	Formation of aerobic granules and their PHB production at various substrate and ammonium concentrations. <i>Bioresource Technology</i> , 2009 , 100, 59-63	11	40
183	Perceptual learning modifies the functional specializations of visual cortical areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5724-9	11.5	40
182	Early pacing-induced systolic dyssynchrony is a strong predictor of left ventricular adverse remodeling: analysis from the Pacing to Avoid Cardiac Enlargement (PACE) trial. <i>International Journal of Cardiology</i> , 2013 , 168, 723-8	3.2	39
181	Kinetic analysis on the two-step processes of AOB and NOB in aerobic nitrifying granules. <i>Applied Microbiology and Biotechnology</i> , 2009 , 83, 1159-69	5.7	39
180	Phosphorus recovery as vivianite from waste activated sludge via optimizing iron source and pH value during anaerobic fermentation. <i>Bioresource Technology</i> , 2019 , 293, 122088	11	38
179	Three-dimensional speckle strain echocardiography is more accurate and efficient than 2D strain in the evaluation of left ventricular function. <i>International Journal of Cardiology</i> , 2014 , 176, 360-6	3.2	36
178	Outcompeting Presence of Acyl-Homoserine-Lactone (AHL)-Quenching Bacteria over AHL-Producing Bacteria in Aerobic Granules. <i>Environmental Science and Technology Letters</i> , 2016 , 3, 36-40 ¹¹		35
177	FC-NIRS: A Functional Connectivity Analysis Tool for Near-Infrared Spectroscopy Data. <i>BioMed Research International</i> , 2015 , 2015, 248724	3	35
176	Effects of metabolic uncouplers on excess sludge reduction and microbial products of activated sludge. <i>Bioresource Technology</i> , 2015 , 185, 1-6	11	35
175	Enhancing the anaerobic bioconversion of complex organics in food wastes for volatile fatty acids production by zero-valent iron and persulfate stimulation. <i>Science of the Total Environment</i> , 2019 , 669, 540-546	10.2	34
174	Efficient production of short-chain fatty acids from anaerobic fermentation of liquor wastewater and waste activated sludge by breaking the restrictions of low bioavailable substrates and microbial activity. <i>Bioresource Technology</i> , 2018 , 268, 549-557	11	34
173	Characteristics of extracellular polymeric substances of phototrophic biofilms at different aquatic habitats. <i>Carbohydrate Polymers</i> , 2014 , 106, 1-6	10.3	34
172	Augmentation of acyl homoserine lactones-producing and -quenching bacterium into activated sludge for its granulation. <i>Water Research</i> , 2017 , 125, 309-317	12.5	34
171	Left ventricular long-axis performance during exercise is an important prognosticator in patients with heart failure and preserved ejection fraction. <i>International Journal of Cardiology</i> , 2015 , 178, 131-5	3.2	34
170	The arginine deiminase pathway of koji bacteria is involved in ethyl carbamate precursor production in soy sauce. <i>FEMS Microbiology Letters</i> , 2014 , 358, 91-7	2.9	34

169	Increased Rho kinase activity in congestive heart failure. <i>European Journal of Heart Failure</i> , 2012 , 14, 965-73	12.3	33
168	Estimating the kinetic parameters of activated sludge storage using weighted non-linear least-squares and accelerating genetic algorithm. <i>Water Research</i> , 2009 , 43, 2595-604	12.5	33
167	Improvement of left atrial function is associated with lower incidence of atrial fibrillation and mortality after cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2008 , 5, 780-6	6.7	33
166	Removal of heavy metal Cu(II) in simulated aquaculture wastewater by modified palygorskite. <i>Environmental Pollution</i> , 2016 , 219, 924-931	9.3	32
165	Long-term follow-up results of the pacing to avoid cardiac enlargement (PACE) trial. <i>European Journal of Heart Failure</i> , 2014 , 16, 1016-25	12.3	32
164	Deleterious effect of right ventricular apical pacing on left ventricular diastolic function and the impact of pre-existing diastolic disease. <i>European Heart Journal</i> , 2011 , 32, 1891-9	9.5	31
163	Improvement of long-term survival by cardiac contractility modulation in heart failure patients: A case-control study. <i>International Journal of Cardiology</i> , 2016 , 206, 122-6	3.2	30
162	Beyond auscultation: acoustic cardiography in clinical practice. <i>International Journal of Cardiology</i> , 2014 , 172, 548-60	3.2	30
161	A novel multi-layer approach of measuring myocardial strain and torsion by 2D speckle tracking imaging in normal subjects and patients with heart diseases. <i>International Journal of Cardiology</i> , 2011 , 147, 32-7	3.2	29
160	Crowding alters the spatial distribution of attention modulation in human primary visual cortex. <i>Journal of Vision</i> , 2008 , 8, 6.1-9	0.4	29
159	Improved coronary artery blood flow following the correction of systolic dyssynchrony with cardiac resynchronization therapy. <i>International Journal of Cardiology</i> , 2013 , 167, 2167-71	3.2	27
158	Biosynthesis of keto acids by fed-batch culture of <i>Yarrowia lipolytica</i> WSH-Z06. <i>Bioresource Technology</i> , 2017 , 243, 1037-1043	11	27
157	Synergistic effects of iron and persulfate on the efficient production of volatile fatty acids from waste activated sludge: Understanding the roles of bioavailable substrates, microbial community & activities, and environmental factors. <i>Biochemical Engineering Journal</i> , 2019 , 141, 71-79	4.2	26
156	Promoting the anaerobic production of short-chain fatty acids from food wastes driven by the reuse of linear alkylbenzene sulphonates-enriched laundry wastewater. <i>Bioresource Technology</i> , 2019 , 282, 301-309	11	25
155	Left atrial function in heart failure with impaired and preserved ejection fraction. <i>Current Opinion in Cardiology</i> , 2014 , 29, 430-6	2.1	25
154	Ecotoxicity and environmental fates of newly recognized contaminants-artificial sweeteners: A review. <i>Science of the Total Environment</i> , 2019 , 653, 1149-1160	10.2	25
153	Characterization of a <i>Lactobacillus brevis</i> strain with potential oral probiotic properties. <i>BMC Microbiology</i> , 2018 , 18, 221	4.5	25
152	A novel approach of synchronously recovering phosphorus as vivianite and volatile fatty acids during waste activated sludge and food waste co-fermentation: Performance and mechanisms. <i>Bioresource Technology</i> , 2020 , 305, 123078	11	24

151	Prevalence and determinants of left ventricular systolic dyssynchrony in patients with normal ejection fraction received right ventricular apical pacing: a real-time three-dimensional echocardiographic study. <i>European Journal of Echocardiography</i> , 2010 , 11, 109-18		24
150	How Do Biocides That Occur in Waste Activated Sludge Affect the Resource Recovery for Short-Chain Fatty Acids Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1648-1657	8.3	24
149	Metatranscriptomic insights of the metabolic process enhancement during food wastes fermentation driven by linear alkylbenzene sulphonates. <i>Journal of Cleaner Production</i> , 2021 , 315, 128145	10.3	23
148	What can three-dimensional speckle-tracking echocardiography contribute to evaluate global left ventricular systolic performance in patients with heart failure?. <i>International Journal of Cardiology</i> , 2014 , 172, 132-7	3.2	22
147	Noncardiac comorbidities in heart failure with preserved ejection fraction - commonly ignored fact. <i>Circulation Journal</i> , 2015 , 79, 954-9	2.9	22
146	Effects of different hypochlorite types on the waste activated sludge fermentation from the perspectives of volatile fatty acids production, microbial community and activity, and characteristics of fermented sludge. <i>Bioresource Technology</i> , 2020 , 307, 123227	11	21
145	Biodegradation potential of polycyclic aromatic hydrocarbons by bacteria strains enriched from Yangtze River sediments. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 513-20	2.6	21
144	The healthcare burden of hypertension in Asia. <i>Heart Asia</i> , 2013 , 5, 238-43	1.9	21
143	Analysis of 17β-ethinylestradiol and bisphenol A adsorption on anthracite surfaces by site energy distribution. <i>Chemosphere</i> , 2019 , 216, 59-68	8.4	21
142	Production of polyhydroxyalkanoates and enrichment of associated microbes in bioreactors fed with rice winery wastewater at various organic loading rates. <i>Bioresource Technology</i> , 2019 , 292, 121978	11	20
141	Sludge reduction based on microbial metabolism for sustainable wastewater treatment. <i>Bioresource Technology</i> , 2020 , 297, 122506	11	20
140	Accumulation of Citrulline by Microbial Arginine Metabolism during Alcoholic Fermentation of Soy Sauce. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 2108-2113	5.7	18
139	Quantification of mitral valve morphology with three-dimensional echocardiography--can measurement lead to better management?. <i>Circulation Journal</i> , 2014 , 78, 1029-37	2.9	18
138	Triclosan-induced liver and brain injury in zebrafish (Danio rerio) via abnormal expression of miR-125 regulated by PKC/Nrf2/p53 signaling pathways. <i>Chemosphere</i> , 2020 , 241, 125086	8.4	18
137	Acoustic cardiography helps to identify heart failure and its phenotypes. <i>International Journal of Cardiology</i> , 2013 , 167, 681-6	3.2	17
136	Genetic tools for investigating the biology of commensal lactobacilli. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 3111-27	2.8	17
135	Adsorption characteristics of nitrite on natural filter medium: Kinetic, equilibrium, and site energy distribution studies. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 435-441	7	17
134	Global Exponential Stability of Delayed Neural Networks Based on a New Integral Inequality. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2318-2325	7.3	17

133	Formation of microbial products by activated sludge in the presence of a metabolic uncoupler o-chlorophenol in long-term operated sequencing batch reactors. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121311	12.8	17
132	A high-throughput screening procedure for enhancing pyruvate production in <i>Candida glabrata</i> by random mutagenesis. <i>Bioprocess and Biosystems Engineering</i> , 2017 , 40, 693-701	3.7	16
131	Characterization of interactions between a metabolic uncoupler O-chlorophenol and extracellular polymeric substances of activated sludge. <i>Environmental Pollution</i> , 2019 , 247, 1020-1027	9.3	16
130	New insight into the catalytic properties of bile salt hydrolase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 96, 46-51		16
129	LV mechanical dyssynchrony in heart failure with preserved ejection fraction complicating acute coronary syndrome. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 348-57	8.4	16
128	Influences of different iron forms activated peroxydisulfate on volatile fatty acids production during waste activated sludge anaerobic fermentation. <i>Science of the Total Environment</i> , 2020 , 705, 135878	10.2	16
127	Prevalence and determinants of incomplete right atrial reverse remodeling after device closure of atrial septal defects. <i>American Journal of Cardiology</i> , 2011 , 108, 114-9	3	15
126	Mechanisms of allicin exposure for the sludge fermentation enhancement: Focusing on the fermentation processes and microbial metabolic traits.. <i>Journal of Environmental Sciences</i> , 2022 , 115, 253-264	6.4	15
125	Quantitative evaluation on the characteristics of activated sludge granules and flocs using a fuzzy entropy-based approach. <i>Scientific Reports</i> , 2017 , 7, 42910	4.9	14
124	Review on the determination and distribution patterns of a widespread contaminant artificial sweetener in the environment. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 19078-19096	5.1	14
123	Shifts of microbial community and metabolic function during food wastes and waste activated sludge co-fermentation in semi-continuous-flow reactors: Effects of fermentation substrate and zero-valent iron. <i>Bioresource Technology</i> , 2020 , 313, 123686	11	14
122	An integrated approach based on virtual data augmentation and deep neural networks modeling for VFA production prediction in anaerobic fermentation process. <i>Water Research</i> , 2020 , 184, 116103	12.5	14
121	New insights into filamentous sludge bulking: The potential role of extracellular polymeric substances in sludge bulking in the activated sludge process. <i>Chemosphere</i> , 2020 , 248, 126012	8.4	14
120	Characterization of a <i>Bacillus amyloliquefaciens</i> strain for reduction of citrulline accumulation during soy sauce fermentation. <i>Biotechnology Letters</i> , 2016 , 38, 1723-31	3	14
119	Changes of ventricular and peripheral performance in patients with heart failure and normal ejection fraction: insights from ergometry stress echocardiography. <i>European Journal of Heart Failure</i> , 2014 , 16, 888-97	12.3	14
118	Left atrial remodeling and reduced atrial pump function after chronic right ventricular apical pacing in patients with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2012 , 157, 364-9	3.2	14
117	Incremental value of global systolic dyssynchrony in determining the occurrence of functional mitral regurgitation in patients with left ventricular systolic dysfunction. <i>European Heart Journal</i> , 2013 , 34, 767-74	9.5	14
116	An integrated approach to identify the influential priority of the factors governing anaerobic H ₂ production by mixed cultures. <i>Water Research</i> , 2010 , 44, 3234-42	12.5	14

115	Difference in prevalence and pattern of mechanical dyssynchrony in left bundle branch block occurring in right ventricular apical pacing versus systolic heart failure. <i>American Heart Journal</i> , 2008 , 156, 989-95	4.9	14
114	The Pacing to Avoid Cardiac Enlargement (PACE) trial: clinical background, rationale, design, and implementation. <i>Journal of Cardiovascular Electrophysiology</i> , 2007 , 18, 735-9	2.7	14
113	A preliminary metatranscriptomic insight of eggshells conditioning on substrates metabolism during food wastes anaerobic fermentation. <i>Science of the Total Environment</i> , 2021 , 761, 143214	10.2	14
112	Distribution patterns of functional microbial community in anaerobic digesters under different operational circumstances: A review. <i>Bioresource Technology</i> , 2021 , 341, 125823	11	14
111	Triclosan-induced liver injury in zebrafish (Danio rerio) via regulating MAPK/p53 signaling pathway. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 222, 108-117	3.2	13
110	Characterization of mid-term atrial geometrical and electrical remodeling following device closure of atrial septal defects in adults. <i>International Journal of Cardiology</i> , 2013 , 168, 467-71	3.2	13
109	Comparison of left ventricular reverse remodeling induced by cardiac contractility modulation and cardiac resynchronization therapy in heart failure patients with different QRS durations. <i>International Journal of Cardiology</i> , 2013 , 167, 889-93	3.2	13
108	Molecular Engineering of Bacillus paralicheniformis Acid Urease To Degrade Urea and Ethyl Carbamate in Model Chinese Rice Wine. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 13011-13019	5.7	13
107	Continuous waste activated sludge and food waste co-fermentation for synchronously recovering vivianite and volatile fatty acids at different sludge retention times: Performance and microbial response. <i>Bioresource Technology</i> , 2020 , 313, 123610	11	12
106	Revealing hydrodynamic effects on flocculation performance and surface properties of sludge by comparing aeration and stirring systems via computational fluid dynamics aided calculation. <i>Water Research</i> , 2020 , 172, 115500	12.5	12
105	Achieving efficient nitrite accumulation in glycerol-driven partial denitrification system: Insights of influencing factors, shift of microbial community and metabolic function. <i>Bioresource Technology</i> , 2020 , 315, 123844	11	12
104	Prognostic value of acoustic cardiography in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2016 , 219, 121-6	3.2	12
103	The prevalence and prognosis of resistant hypertension in patients with heart failure. <i>PLoS ONE</i> , 2014 , 9, e114958	3.7	11
102	Potential role of biventricular pacing beyond advanced systolic heart failure. <i>Circulation Journal</i> , 2013 , 77, 1364-9	2.9	11
101	New insights into different surfactants impacts on sludge fermentation: Focusing on the particular metabolic processes and microbial genetic traits. <i>Frontiers of Environmental Science and Engineering</i> , 2022 , 16, 1	5.8	11
100	Comparative genomics analysis of a series of Yarrowia lipolytica WSH-Z06 mutants with varied capacity for Eketoglutarate production. <i>Journal of Biotechnology</i> , 2016 , 239, 76-82	3.7	10
99	Dynamic assessment of the changing geometry of the mitral apparatus in 3D could stratify abnormalities in functional mitral regurgitation and potentially guide therapy. <i>International Journal of Cardiology</i> , 2014 , 176, 878-84	3.2	10
98	Predictive feature remapping before saccadic eye movements. <i>Journal of Vision</i> , 2017 , 17, 14	0.4	10

97	Left atrial function assessed by tissue doppler imaging as a new predictor of cardiac events after non-ST-elevation acute coronary syndrome. <i>Echocardiography</i> , 2012 , 29, 785-92	1.5	10
96	New pulmonary vein Doppler echocardiographic index predicts significant interatrial shunting in secundum atrial septal defect. <i>International Journal of Cardiology</i> , 2012 , 160, 59-65	3.2	10
95	Rapid bedside identification of high-risk population in heart failure with reduced ejection fraction by acoustic cardiography. <i>International Journal of Cardiology</i> , 2013 , 168, 1881-6	3.2	10
94	Characterization of potassium hydroxide modified anthracite particles and enhanced removal of 17 β -ethinylestradiol and bisphenol A. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 22224-22235	5.1	10
93	Effect of EPS and its forms of aerobic granular sludge on sludge aggregation performance during granulation process based on XDLVO theory. <i>Science of the Total Environment</i> , 2021 , 795, 148682	10.2	10
92	Evaluation of ethyl carbamate formation in Luzhou-flavor spirit during distillation and storage processes. <i>Food Bioscience</i> , 2018 , 23, 137-141	4.9	9
91	Evaluation of the impact on food safety of a <i>Lactobacillus coryniformis</i> strain from pickled vegetables with degradation activity against nitrite and other undesirable compounds. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016 , 33, 623-30	3.2	9
90	Inhibition of 1, 4-dioxane on the denitrification process by altering the viability and metabolic activity of <i>Paracoccus denitrificans</i> . <i>Environmental Science and Pollution Research</i> , 2018 , 25, 27274-27282	5.1	9
89	Acute effects of right ventricular apical pacing on left atrial remodeling and function. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012 , 35, 856-62	1.6	9
88	Characterizing the free ammonia exposure to the nutrients removal in activated sludge systems. <i>RSC Advances</i> , 2017 , 7, 55088-55097	3.7	9
87	Comparative analysis of microbial community between different cathode systems of microbial fuel cells for denitrification. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 752-61	2.6	8
86	Predictors of mid-term functional tricuspid regurgitation after device closure of atrial septal defect in adults: Impact of pre-operative tricuspid valve remodeling. <i>International Journal of Cardiology</i> , 2015 , 187, 447-52	3.2	8
85	Using the dehydrogenase activity for alert of activated sludge system under different copper concentrations. <i>Desalination and Water Treatment</i> , 2016 , 57, 17836-17843		8
84	Right ventricular long-axis response to different chronic loading conditions: its relevance to clinical symptoms. <i>International Journal of Cardiology</i> , 2013 , 167, 378-82	3.2	8
83	Effects of miR-181a-5p abnormal expression on zebrafish (<i>Danio rerio</i>) vascular development following triclosan exposure. <i>Chemosphere</i> , 2019 , 223, 523-535	8.4	8
82	Image Captioning with Word Level Attention 2018 ,		8
81	Distribution patterns of microbial community and functional characteristics in full-scale wastewater treatment plants: Focusing on the influent types. <i>Chemosphere</i> , 2021 , 281, 130899	8.4	8
80	Importance of chronotropic response and left ventricular long-axis function for exercise performance in patients with heart failure and preserved ejection fraction. <i>International Journal of Cardiology</i> , 2016 , 202, 339-43	3.2	7

79	The biotransformation of soil phosphorus in the water level fluctuation zone could increase eutrophication in reservoirs. <i>Science of the Total Environment</i> , 2021 , 763, 142976	10.2	7
78	Metagenomic approach reveals the fates and mechanisms of antibiotic resistance genes exposed to allcins during waste activated sludge fermentation: Insight of the microbial community, cellular status and gene regulation. <i>Bioresource Technology</i> , 2021 , 342, 125998	11	7
77	Food-grade expression of an iron-containing acid urease in <i>Bacillus subtilis</i> . <i>Journal of Biotechnology</i> , 2019 , 293, 66-71	3.7	6
76	Should all patients with heart block receive biventricular pacing? All heart block patients with a pacemaker indication should receive biventricular pacing: one move, double the gains?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 722-9	6.4	6
75	A LiDAR Odometry for Outdoor Mobile Robots Using NDT Based Scan Matching in GPS-denied environments 2017 ,		6
74	Left anterior descending coronary artery flow impaired by right ventricular apical pacing: the role of systolic dyssynchrony. <i>International Journal of Cardiology</i> , 2014 , 176, 80-5	3.2	6
73	Variation in right ventricular volumes assessment by real-time three-dimensional echocardiography between dilated and normal right ventricle: comparison with cardiac magnetic resonance imaging. <i>International Journal of Cardiology</i> , 2013 , 168, 4391-3	3.2	6
72	Two-dimensional speckle-tracking echocardiography is more accurate than tissue Doppler imaging in assessing regional atrial deformation: a study in patients after transcatheter atrial septal defect closure. <i>International Journal of Cardiology</i> , 2012 , 162, 64-5	3.2	6
71	Atrial dysfunction and interatrial dyssynchrony predict atrial high rate episodes: insight into the distinct effects of right atrial appendage pacing. <i>Journal of Cardiovascular Electrophysiology</i> , 2012 , 23, 384-90	2.7	6
70	Diverse patterns of longitudinal and radial dyssynchrony in patients with advanced systolic heart failure. <i>Heart</i> , 2011 , 97, 574-8	5.1	6
69	An in-depth analysis identifies two new independent signals in 11q23.3 associated with vitiligo in the Chinese Han population. <i>Journal of Dermatological Science</i> , 2017 , 88, 103-109	4.3	6
68	Identification of receptors for eight endocrine disrupting chemicals and their underlying mechanisms using zebrafish as a model organism. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 204, 111068	7	6
67	Model-based strategy for nitrogen removal enhancement in full-scale wastewater treatment plants by GPS-X integrated with response surface methodology. <i>Science of the Total Environment</i> , 2021 , 769, 144851	10.2	6
66	Insights into the accelerated venlafaxine degradation by cysteine-assisted Fe/persulfate: Key influencing factors, mechanisms and transformation pathways with DFT study. <i>Science of the Total Environment</i> , 2021 , 793, 148555	10.2	6
65	Current status of hypochlorite technology on the wastewater treatment and sludge disposal: Performance, principals and prospects. <i>Science of the Total Environment</i> , 2022 , 803, 150085	10.2	6
64	A Rare Etiology of Severe Acute Heart Failure: Subacute Spinal Subdural Hematoma in a Young Woman. <i>International Journal of Cardiology</i> , 2015 , 195, 61-3	3.2	5
63	Fast and templatable path planning of spray painting robots for regular surfaces 2015 ,		5
62	Effects of ZnO nanoparticles on aerobic denitrifying bacteria <i>Enterobacter cloacae</i> strain HNR. <i>Science of the Total Environment</i> , 2020 , 725, 138284	10.2	5

61	Proteomic analysis of the response of <i>iketoglutarate</i> -producer <i>Yarrowia lipolytica</i> WSH-Z06 to environmental pH stimuli. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 8829-41	5.7	5
60	Quantification of left ventricular performance in different heart failure phenotypes by comprehensive ergometry stress echocardiography. <i>International Journal of Cardiology</i> , 2013 , 169, 311-5 ^{3.2}	5	
59	Finite element analyses of compressive behaviors of biaxial warp-knitted composite material under various strain rates with a simplified geometrical model. <i>Journal of the Textile Institute</i> , 2015 , 106, 1013-1026	1.5	5
58	Reduced Graphene Oxide/CuI Nanocomposite: An Efficient and Recyclable Catalyst for the N-Phenylation of Indole. <i>Chemistry Letters</i> , 2013 , 42, 709-710	1.7	5
57	Deciphering the mysteries of crisscross heart by transthoracic echocardiography. <i>Echocardiography</i> , 2011 , 28, 104-8	1.5	5
56	Improved Rao-Blackwellized particle filter for simultaneous robot localization and person-tracking with single mobile sensor. <i>Journal of Control Theory and Applications</i> , 2011 , 9, 472-478		5
55	Incredulity on assumptions for the simplified Bohart-Adams model: 17 α -ethinylestradiol separation in lab-scale anthracite columns. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121501	12.8	5
54	Toward NO emission reduction in a single-stage CANON coupled with denitrification: Investigation on nitrite simultaneous production and consumption and nitrogen transformation. <i>Chemosphere</i> , 2019 , 228, 485-494	8.4	4
53	Abnormal mitral-aortic intervalvular coupling in mitral valve diseases: a study using real-time three-dimensional transesophageal echocardiography. <i>Clinical Research in Cardiology</i> , 2015 , 104, 831-42 ^{6.1}		4
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