

Bang-Ce Ye

List of Publications by Year in Descending Order

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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.

262
papers

8,717
citations

50
h-index

83
g-index

276
ext. papers

10,410
ext. citations

6.1
avg, IF

6.81
L-index

#	Paper	IF	Citations
262	Delivery of siRNA based on engineered exosomes for glioblastoma therapy by targeting STAT3.. <i>Biomaterials Science</i> , 2022 ,	7.4	2
261	Construction of a p-coumaric and ferulic acid auto-regulatory system in <i>Pseudomonas putida</i> KT2440 for protocatechuic acid production from lignin-derived aromatics. <i>Bioresource Technology</i> , 2022 , 344, 126221	11	1
260	Transition metal copper composite ionic liquid self-built ratiometric sensor for the detection of paracetamol.. <i>Analytica Chimica Acta</i> , 2022 , 1209, 338992	6.6	2
259	A novel electrochemical sensor based on molecularly imprinted polymer-modified C-ZIF67@Ni for highly sensitive and selective determination of carbendazim. <i>Talanta</i> , 2022 , 237, 122909	6.2	3
258	Design and optimization of <i>E. coli</i> artificial genetic circuits for detection of explosive composition 2,4-dinitrotoluene.. <i>Biosensors and Bioelectronics</i> , 2022 , 207, 114205	11.8	1
257	An RNA-based catalytic hairpin assembly circuit coupled with CRISPR-Cas12a for one-step detection of microRNAs.. <i>Biosensors and Bioelectronics</i> , 2022 , 207, 114152	11.8	0
256	RegX3 Controls Glyoxylate Shunt and Mycobacteria Survival by Directly Regulating the Transcription of Isocitrate Lyase Gene in. <i>ACS Infectious Diseases</i> , 2021 , 7, 927-936	5.5	0
255	Single-atom electrocatalysts templated by MOF for determination of levodopa. <i>Talanta</i> , 2021 , 225, 122042	11.8	1
254	Overexpression of Capsular Polysaccharide Biosynthesis Protein in P1 to Enhance Capsular Polysaccharide Production for Di-n-butyl Phthalate Adsorption. <i>Journal of Microbiology and Biotechnology</i> , 2021 , 31, 1545-1551	3.3	0
253	Reducing the reproductive toxicity activity of <i>Lactiplantibacillus plantarum</i> : a review of mechanisms and prospects. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 36927-36941	5.1	2
252	Reconstruction of Secondary Metabolic Pathway to Synthesize Novel Metabolite in. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 628569	5.8	0
251	l-arginine production in : manipulation and optimization of the metabolic process. <i>Critical Reviews in Biotechnology</i> , 2021 , 41, 172-185	9.4	4
250	A Novel Wick-Like Paper-Based Microfluidic Device for 3D Cell Culture and Anti-Cancer Drugs Screening. <i>Biotechnology Journal</i> , 2021 , 16, e2000126	5.6	5
249	Metabolic engineering of <i>Pseudomonas putida</i> KT2440 for high-yield production of protocatechuic acid. <i>Bioresource Technology</i> , 2021 , 319, 124239	11	9
248	An aptamer biosensor based dual signal amplification system for the detection of salmonella typhimurium. <i>Analytical Biochemistry</i> , 2021 , 615, 114050	3.1	8
247	Characteristics of plant growth-promoting rhizobacteria SCPG-7 and its effect on the growth of <i>Capsicum annum</i> L. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 11323-11332	5.1	1
246	A high sensitivity electrochemical sensor based on a dual-template molecularly imprinted polymer for simultaneous determination of clenbuterol hydrochloride and ractopamine. <i>Analyst</i> , 2021 , 146, 6323-6332	5	3

245	Electrochemical sensor based on N-doped carbon dots decorated with manganese oxide nanospheres for simultaneous detection of -aminophenol and paracetamol. <i>Analyst, The</i> , 2021 , 146, 5135-5142 ⁴		
244	GlnR Regulates the Glyoxylate Cycle and the Methylcitrate Cycle on Fatty Acid Metabolism by Repressing Transcription. <i>Frontiers in Microbiology</i> , 2021 , 12, 603835	5.7	2
243	A Novel Peptide-Equipped Exosomes Platform for Delivery of Antisense Oligonucleotides. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 10760-10767	9.5	10
242	RegX3-Mediated Regulation of Methylcitrate Cycle in. <i>Frontiers in Microbiology</i> , 2021 , 12, 619387	5.7	2
241	SARS-CoV-2 ORF9b inhibits RIG-I-MAVS antiviral signaling by interrupting K63-linked ubiquitination of NEMO. <i>Cell Reports</i> , 2021 , 34, 108761	10.6	72
240	Key role of exopolysaccharide on di-butyl phthalate adsorbing by <i>Lactobacillus plantarum</i> CGMCC18980. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 2587-2595	5.7	1
239	A highly robust self-supporting nickel nanoarray based on anodic alumina oxide template for determination of dopamine. <i>Sensors and Actuators B: Chemical</i> , 2021 , 350, 130835	8.5	0
238	Simultaneous determination of dihydroxybenzene isomers in cosmetics by synthesis of nitrogen-doped nickel carbide spheres and construction of ultrasensitive electrochemical sensor. <i>Analytica Chimica Acta</i> , 2021 , 1176, 338768	6.6	1
237	An artificial enzyme cascade amplification strategy for highly sensitive and specific detection of breast cancer-derived exosomes. <i>Analyst, The</i> , 2021 , 146, 5542-5549	5	3
236	Simultaneous imaging of cancer biomarkers in live cells based on DNA-engineered exosomes. <i>Analyst, The</i> , 2021 , 146, 1626-1632	5	1
235	Gut Microbiota-Derived Metabolites in the Development of Diseases. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2021 , 2021, 6658674	2.6	6
234	A lateral flow strip combined with Cas9 nickase-triggered amplification reaction for dual food-borne pathogen detection. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112364	11.8	24
233	A novel and sensitive electrochemical sensor based on nanoporous gold for determination of As(III). <i>Mikrochimica Acta</i> , 2020 , 187, 395	5.8	4
232	A telomerase-responsive nanoprobe with theranostic properties in tumor cells. <i>Talanta</i> , 2020 , 215, 120888		5
231	A Cas12a-mediated cascade amplification method for microRNA detection. <i>Analyst, The</i> , 2020 , 145, 554755527		
230	Synthesis of MOF-derived Ni@C materials for the electrochemical detection of histamine. <i>Talanta</i> , 2020 , 219, 121360	6.2	12
229	Metabolically engineering of <i>Yarrowia lipolytica</i> for the biosynthesis of naringenin from a mixture of glucose and xylose. <i>Bioresource Technology</i> , 2020 , 314, 123726	11	15
228	Multimachine Communication Network That Mimics the Adaptive Immune Response. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3851-3861	16.4	8

227	Catalytic-Hairpin-Assembly-Assisted DNA Tetrahedron Nanoprobe for Intracellular MicroRNA Imaging.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2861-2866	4.1	18
226	Multiple and sensitive SERS detection of cancer-related exosomes based on gold-silver bimetallic nanotrepangs. <i>Analyst, The</i> , 2020 , 145, 2795-2804	5	35
225	The ROK like protein of Myxococcus xanthus DK1622 acts as a pleiotropic transcriptional regulator for secondary metabolism. <i>Journal of Biotechnology</i> , 2020 , 311, 25-34	3.7	0
224	Comparative evaluation of label-free quantification strategies. <i>Journal of Proteomics</i> , 2020 , 215, 103669	3.9	13
223	Engineering for Enhanced Production of Arbutin. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 1364-1372	5.7	8
222	Engineering Prokaryotic Transcriptional Activator XylR as a Xylose-Inducible Biosensor for Transcription Activation in Yeast. <i>ACS Synthetic Biology</i> , 2020 , 9, 1022-1029	5.7	11
221	A novel electrochemical sensor for determination of hydroxyl radicals in living cells by coupling nanoporous gold layer with self-assembled 6-(Ferrocenyl) hexanethiol. <i>Analytica Chimica Acta</i> , 2020 , 1096, 69-75	6.6	7
220	Advances in biosensing technologies for analysis of cancer-derived exosomes. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 123, 115773	14.6	19
219	A single cell droplet microfluidic system for quantitative determination of food-borne pathogens. <i>Talanta</i> , 2020 , 209, 120571	6.2	20
218	A robust electrochemical sensing based on bimetallic metal-organic framework mediated MoC for simultaneous determination of acetaminophen and isoniazid. <i>Analytica Chimica Acta</i> , 2020 , 1136, 99-105	6.6	11
217	Ratiometric electrochemical sensing based on MoC for detection of acetaminophen. <i>Analyst, The</i> , 2020 , 145, 7609-7615	5	9
216	Upstream ORFs Prevent MAVS Spontaneous Aggregation and Regulate Innate Immune Homeostasis. <i>IScience</i> , 2020 , 23, 101059	6.1	6
215	Long-Term Rewritable Report and Recording of Environmental Stimuli in Engineered Bacterial Populations. <i>ACS Synthetic Biology</i> , 2020 , 9, 2440-2449	5.7	4
214	Acetylation of translation machinery affected protein translation in E. coli. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 10697-10709	5.7	1
213	Novel electrochemical sensing platform based on ion imprinted polymer with nanoporous gold for ultrasensitive and selective determination of As. <i>Mikrochimica Acta</i> , 2020 , 187, 571	5.8	9
212	Dynamic Characterization of Protein and Posttranslational Modification Levels in Mycobacterial Cholesterol Catabolism. <i>MSystems</i> , 2020 , 5,	7.6	2
211	Construction of a DNA-AuNP-based satellite network for exosome analysis. <i>Analyst, The</i> , 2019 , 144, 5996-6003	6.03	11
210	Development of a Highly Sensitive Whole-Cell Biosensor for Arsenite Detection through Engineered Promoter Modifications. <i>ACS Synthetic Biology</i> , 2019 , 8, 2295-2302	5.7	14

209	A versatile ratiometric electrochemical sensing platform based on N-MoC for detection of m-nitrophenol. <i>Biosensors and Bioelectronics</i> , 2019 , 144, 111663	11.8	11
208	SL-13 biochar formulation promotes pepper plant growth and soil improvement. <i>Canadian Journal of Microbiology</i> , 2019 , 65, 333-342	3.2	15
207	High-throughput screening of high lactic acid-producing by droplet microfluidic based flow cytometry with fluorescence activated cell sorting.. <i>RSC Advances</i> , 2019 , 9, 4507-4513	3.7	20
206	Precursor Supply for Erythromycin Biosynthesis: Engineering of Propionate Assimilation Pathway Based on Propionylation Modification. <i>ACS Synthetic Biology</i> , 2019 , 8, 371-380	5.7	5
205	A dual signal amplification method for exosome detection based on DNA dendrimer self-assembly. <i>Analyst, The</i> , 2019 , 144, 1995-2002	5	40
204	Two amino acids missing of MtrA resulted in increased erythromycin level and altered phenotypes in <i>Saccharopolyspora erythraea</i> . <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 4539-4548	5.7	5
203	Synthesis of hollow MoC/carbon spheres, and their application to simultaneous electrochemical detection of hydroquinone, catechol, and resorcinol. <i>Mikrochimica Acta</i> , 2019 , 186, 306	5.8	29
202	Ultrasensitive SERS detection of specific oligonucleotides based on Au@AgAg bimetallic nanorods. <i>Analyst, The</i> , 2019 , 144, 2929-2935	5	13
201	A novel electrochemical sensor based on bimetallic metal-organic framework-derived porous carbon for detection of uric acid. <i>Talanta</i> , 2019 , 199, 478-484	6.2	40
200	Algal-Bacterial Symbiosis System Treating High-Load Printing and Dyeing Wastewater in Continuous-Flow Reactors under Natural Light. <i>Water (Switzerland)</i> , 2019 , 11, 469	3	13
199	Metabolic engineering of <i>Corynebacterium glutamicum</i> S9114 to enhance the production of L-ornithine driven by glucose and xylose. <i>Bioresource Technology</i> , 2019 , 284, 204-213	11	21
198	A CRISPR-Cas9 Strategy for Activating the <i>Saccharopolyspora erythraea</i> Erythromycin Biosynthetic Gene Cluster with Knock-in Bidirectional Promoters. <i>ACS Synthetic Biology</i> , 2019 , 8, 1134-1143	5.7	12
197	Rational design to improve activity of the Est3563 esterase from <i>Acinetobacter</i> sp. LMB-5. <i>Enzyme and Microbial Technology</i> , 2019 , 131, 109331	3.8	7
196	An RNA-Guided Cas9 Nickase-Based Method for Universal Isothermal DNA Amplification. <i>Angewandte Chemie</i> , 2019 , 131, 5436-5440	3.6	5
195	Nitrogen Regulator GlnR Controls Redox Sensing and Lipids Anabolism by Directly Activating the in. <i>Frontiers in Microbiology</i> , 2019 , 10, 74	5.7	5
194	An RNA-Guided Cas9 Nickase-Based Method for Universal Isothermal DNA Amplification. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5382-5386	16.4	45
193	The Nitrogen Regulator GlnR Directly Controls Transcription of the Operon Involved in Methylcitrate Cycle in <i>Mycobacterium smegmatis</i> . <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	6
192	Recent Advances of L-ornithine Biosynthesis in Metabolically Engineered. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 440	5.8	9

191	Migration and transformation of fluoride through fluoride-containing water for the irrigation of a soil-plant system. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019 , 25, 1048-1058	4.9	6
190	Decolorization and degradation analysis of Disperse Red 3B by a consortium of the fungus sp. XJ-2 and the microalgae XJK.. <i>RSC Advances</i> , 2019 , 9, 14558-14566	3.7	17
189	Glucose-Induced Cyclic Lipopeptides Resistance in Bacteria via ATP Maintenance through Enhanced Glycolysis. <i>IScience</i> , 2019 , 21, 135-144	6.1	7
188	Metabolic Engineering Strategies Based on Secondary Messengers (p)ppGpp and C-di-GMP To Increase Erythromycin Yield in <i>Saccharopolyspora erythraea</i> . <i>ACS Synthetic Biology</i> , 2019 , 8, 332-345	5.7	11
187	Detection of breast cancer-derived exosomes using the horseradish peroxidase-mimicking DNAzyme as an aptasensor. <i>Analyst, The</i> , 2019 , 145, 107-114	5	39
186	Phosphate regulator PhoP directly and indirectly controls transcription of the erythromycin biosynthesis genes in <i>Saccharopolyspora erythraea</i> . <i>Microbial Cell Factories</i> , 2019 , 18, 206	6.4	6
185	Probing exosome internalization pathways through confocal microscopy imaging. <i>Chemical Communications</i> , 2019 , 55, 14015-14018	5.8	11
184	Novel electrochemical sensing platform based on integration of molecularly imprinted polymer with Au@Ag hollow nanoshell for determination of resveratrol. <i>Talanta</i> , 2019 , 196, 479-485	6.2	17
183	A robust electrochemical sensing of molecularly imprinted polymer prepared by using bifunctional monomer and its application in detection of cypermethrin. <i>Biosensors and Bioelectronics</i> , 2019 , 127, 207-214	11.8	51
182	Different Responses of <i>Capsicum annum</i> L. Root and Shoot to Salt Stress with <i>Pseudomonas putida</i> Rs-198 Inoculation. <i>Journal of Plant Growth Regulation</i> , 2019 , 38, 799-811	4.7	7
181	Degradation of pendimethalin by the yeast YC2 and determination of its two main metabolites.. <i>RSC Advances</i> , 2018 , 9, 491-497	3.7	8
180	Iron Phthalocyanine Decorated Nitrogen-Doped Graphene Biosensing Platform for Real-Time Detection of Nitric Oxide Released from Living Cells. <i>Analytical Chemistry</i> , 2018 , 90, 4438-4444	7.8	53
179	A highly integrated DNA nanomachine operating in living cells powered by an endogenous stimulus. <i>Chemical Science</i> , 2018 , 9, 3299-3304	9.4	67
178	PccD Regulates Branched-Chain Amino Acid Degradation and Exerts a Negative Effect on Erythromycin Production in <i>Saccharopolyspora erythraea</i> . <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	6
177	Protein Acylation Affects the Artificial Biosynthetic Pathway for Pinosylvin Production in Engineered <i>E. coli</i> . <i>ACS Chemical Biology</i> , 2018 , 13, 1200-1208	4.9	11
176	GntR Family Regulator DasR Controls Acetate Assimilation by Directly Repressing the Gene in <i>Saccharopolyspora erythraea</i> . <i>Journal of Bacteriology</i> , 2018 , 200,	3.5	3
175	High GC Content Cas9-Mediated Genome-Editing and Biosynthetic Gene Cluster Activation in <i>Saccharopolyspora erythraea</i> . <i>ACS Synthetic Biology</i> , 2018 , 7, 1338-1348	5.7	19
174	A robust electrochemical sensing platform using carbon paste electrode modified with molecularly imprinted microsphere and its application on methyl parathion detection. <i>Biosensors and Bioelectronics</i> , 2018 , 106, 71-77	11.8	47

173	Efficient production and characterization of homopolymeric poly(3-hydroxyvalerate) produced by Bacillus strain PJC48. <i>Biotechnology and Applied Biochemistry</i> , 2018 , 65, 622-629	2.8	3
172	Eis, a novel family of arylalkylamine N-acetyltransferase (EC 2.3.1.87). <i>Scientific Reports</i> , 2018 , 8, 2435	4.9	9
171	Proteomic Analysis of Normal Expression Differences Exist in Bacillus Subtilis 168 Cultivation. <i>Current Microbiology</i> , 2018 , 75, 803-810	2.4	1
170	Transcriptional and post-translational regulation of AccD6 in Mycobacterium smegmatis. <i>FEMS Microbiology Letters</i> , 2018 , 365,	2.9	1
169	Protein Acetylation and Butyrylation Regulate the Phenotype and Metabolic Shifts of the Endospore-forming. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 1156-1169	7.6	21
168	Distribution and pollution evaluation of fluoride in a soil-water-plant system in Shihezi, Xinjiang, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018 , 24, 445-455	4.9	6
167	GlnR-Mediated Regulation of Short-Chain Fatty Acid Assimilation in. <i>Frontiers in Microbiology</i> , 2018 , 9, 1311	5.7	10
166	Improvement of L-ornithine production by attenuation of argF in engineered Corynebacterium glutamicum S9114. <i>AMB Express</i> , 2018 , 8, 26	4.1	13
165	Pathway engineering in S9114 for 5-aminolevulinic acid production. <i>3 Biotech</i> , 2018 , 8, 247	2.8	15
164	Plant growth promotion and alleviation of salinity stress in Capsicum annum L. by Bacillus isolated from saline soil in Xinjiang. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 164, 520-529	7	52
163	Electrochemical sensing platform based on the biomass-derived microporous carbons for simultaneous determination of ascorbic acid, dopamine, and uric acid. <i>Biosensors and Bioelectronics</i> , 2018 , 121, 96-103	11.8	93
162	Protein Acylation is a General Regulatory Mechanism in Biosynthetic Pathway of Acyl-CoA-Derived Natural Products. <i>Cell Chemical Biology</i> , 2018 , 25, 984-995.e6	8.2	13
161	Quantification of Exosome Based on a Copper-Mediated Signal Amplification Strategy. <i>Analytical Chemistry</i> , 2018 , 90, 8072-8079	7.8	113
160	GlnR and PhoP regulate β -glucosidases involved in cellulose digestion in response to nitrogen and phosphate availability. <i>Microbiology (United Kingdom)</i> , 2018 , 164, 779-789	2.9	6
159	Enhanced l-ornithine production by systematic manipulation of l-ornithine metabolism in engineered Corynebacterium glutamicum S9114. <i>Bioresource Technology</i> , 2018 , 250, 60-68	11	25
158	Systematic Proteomic Analysis of Protein Methylation in Prokaryotes and Eukaryotes Revealed Distinct Substrate Specificity. <i>Proteomics</i> , 2018 , 18, 1700300	4.8	26
157	A novel electrochemical sensor based on Cu@Ni/MWCNTs nanocomposite for simultaneous determination of guanine and adenine. <i>Biosensors and Bioelectronics</i> , 2018 , 102, 389-395	11.8	63
156	Quantitative analysis of the growth of individual Bacillus coagulans cells by microdroplet technology. <i>Bioresources and Bioprocessing</i> , 2018 , 5,	5.2	2

155	Lysine propionylation modulates the transcriptional activity of phosphate regulator PhoP in <i>Saccharopolyspora erythraea</i> . <i>Molecular Microbiology</i> , 2018 , 110, 648-661	4.1	4
154	Magnetic-Based Microfluidic Device for On-Chip Isolation and Detection of Tumor-Derived Exosomes. <i>Analytical Chemistry</i> , 2018 , 90, 13451-13458	7.8	155
153	Highly sensitive detection of exosomes by SERS using gold nanostar@Raman reporter@nanoshell structures modified with a bivalent cholesterol-labeled DNA anchor. <i>Analyst, The</i> , 2018 , 143, 4915-4922	5	87
152	Optimization of L-ornithine production in recombinant <i>Corynebacterium glutamicum</i> S9114 by cg3035 overexpression and manipulating the central metabolic pathway. <i>Microbial Cell Factories</i> , 2018 , 17, 91	6.4	13
151	Characterization of the Lysine Acylomes and the Substrates Regulated by Protein Acyltransferase in <i>Mycobacterium smegmatis</i> . <i>ACS Chemical Biology</i> , 2018 , 13, 1588-1597	4.9	6
150	Simultaneous voltammetric determination of dopamine and uric acid using carbon-encapsulated hollow Fe ₃ O ₄ nanoparticles anchored to an electrode modified with nanosheets of reduced graphene oxide. <i>Mikrochimica Acta</i> , 2017 , 184, 843-853	5.8	38
149	Highly sensitive and selective voltammetric determination of dopamine using a gold electrode modified with a molecularly imprinted polymeric film immobilized on flaked hollow nickel nanospheres. <i>Mikrochimica Acta</i> , 2017 , 184, 1285-1294	5.8	33
148	Nicotinamide adenine dinucleotide detection based on silver nanoclusters stabilized by a dumbbell-shaped probe. <i>Analyst, The</i> , 2017 , 142, 1765-1771	5	4
147	Simultaneous Surface-Enhanced Raman Spectroscopy Detection of Multiplexed MicroRNA Biomarkers. <i>Analytical Chemistry</i> , 2017 , 89, 6120-6128	7.8	126
146	Enhanced biodegradation of di-n-butyl phthalate by <i>Acinetobacter</i> species strain LMB-5 coated with magnetic nanoparticles. <i>International Biodeterioration and Biodegradation</i> , 2017 , 116, 184-190	4.8	8
145	Rational Engineering of a Dynamic, Entropy-Driven DNA Nanomachine for Intracellular MicroRNA Imaging. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9077-9081	16.4	207
144	Biodegradation of Phthalate Esters by a Newly Isolated <i>Acinetobacter</i> sp. Strain LMB-5 and Characteristics of Its Esterase. <i>Pedosphere</i> , 2017 , 27, 606-615	5	26
143	Rational Engineering of a Dynamic, Entropy-Driven DNA Nanomachine for Intracellular MicroRNA Imaging. <i>Angewandte Chemie</i> , 2017 , 129, 9205-9209	3.6	28
142	Improvement of the Stabilization and Activity of Protocatechuate 3,4-Dioxygenase Isolated from <i>Rhizobium</i> sp. LMB-1 and Immobilized on FeO Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 183, 1035-1048	3.2	7
141	Preparation and characterization of monodisperse microcapsules with alginate and bentonite via external gelation technique encapsulating <i>Pseudomonas putida</i> Rs-198. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 1556-1571	3.5	15
140	Acetyl-CoA synthetases of <i>Saccharopolyspora erythraea</i> are regulated by the nitrogen response regulator GlnR at both transcriptional and post-translational levels. <i>Molecular Microbiology</i> , 2017 , 103, 845-859	4.1	24
139	Simple and Cost-Effective Glucose Detection Based on Carbon Nanodots Supported on Silver Nanoparticles. <i>Analytical Chemistry</i> , 2017 , 89, 1323-1328	7.8	121
138	Highly sensitive surface-enhanced Raman scattering detection of adenosine triphosphate based on core@shell assemblies. <i>Analytical Methods</i> , 2017 , 9, 6038-6043	3.2	12

137	Characterization of Terminators in <i>Saccharomyces cerevisiae</i> and an Exploration of Factors Affecting Their Strength. <i>ChemBioChem</i> , 2017 , 18, 2422-2427	3.8	15
136	Rhizospheric Exhibits Biocontrol Effect against in Pepper. <i>BioMed Research International</i> , 2017 , 2017, 9397619	3	12
135	Systematic pathway engineering of <i>Corynebacterium glutamicum</i> S9114 for L-ornithine production. <i>Microbial Cell Factories</i> , 2017 , 16, 158	6.4	24
134	Identification and characterization of two types of amino acid-regulated acetyltransferases in actinobacteria. <i>Bioscience Reports</i> , 2017 , 37,	4.1	8
133	Hydrogen evolution assisted deposition of a three-dimensional porous nickel film for the electrocatalytic oxidation of histamine. <i>Mikrochimica Acta</i> , 2017 , 184, 3893-3900	5.8	10
132	A free-standing electrochemical sensor based on graphene foam-carbon nanotube composite coupled with gold nanoparticles and its sensing application for electrochemical determination of dopamine and uric acid. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 801, 129-134	4.1	37
131	TetR Family Transcriptional Regulator PccD Negatively Controls Propionyl Coenzyme A Assimilation in <i>Saccharopolyspora erythraea</i> . <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	10
130	Direct Exosome Quantification via Bivalent-Cholesterol-Labeled DNA Anchor for Signal Amplification. <i>Analytical Chemistry</i> , 2017 , 89, 12968-12975	7.8	104
129	Site-specific and kinetic characterization of enzymatic and nonenzymatic protein acetylation in bacteria. <i>Scientific Reports</i> , 2017 , 7, 14790	4.9	13
128	Microwave-Assisted Synthesis of a Novel Biochar-Based Slow-Release Nitrogen Fertilizer with Enhanced Water-Retention Capacity. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 7374-7382	8.3	83
127	Highly sensitive surface-enhanced Raman scattering detection of hexavalent chromium based on hollow sea urchin-like TiO@Ag nanoparticle substrate. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 187-194	11.8	58
126	Synthesis of Magnetic Microspheres with Sodium Alginate and Activated Carbon for Removal of Methylene Blue. <i>Materials</i> , 2017 , 10,	3.5	33
125	Effect of Different Activated Carbon as Carrier on the Photocatalytic Activity of Ag-N-ZnO Photocatalyst for Methyl Orange Degradation under Visible Light Irradiation. <i>Nanomaterials</i> , 2017 , 7,	5.4	46
124	Nitrogen regulator GlnR directly controls transcription of genes encoding lysine deacetylases in Actinobacteria. <i>Microbiology (United Kingdom)</i> , 2017 , 163, 1702-1710	2.9	7
123	Copper-Mediated DNA-Scaffolded Silver Nanocluster On-Off Switch for Detection of Pyrophosphate and Alkaline Phosphatase. <i>Analytical Chemistry</i> , 2016 , 88, 9219-25	7.8	125
122	Ultrasensitive, colorimetric detection of microRNAs based on isothermal exponential amplification reaction-assisted gold nanoparticle amplification. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 1011-1016	11.8	90
121	Microwave-Assisted Synthesis of a Semi-interpenetrating Polymer Network Slow-Release Nitrogen Fertilizer with Water Absorbency from Cotton Stalks. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6572-6579	8.3	60
120	GlnR and PhoP Directly Regulate the Transcription of Genes Encoding Starch-Degrading, Amyolytic Enzymes in <i>Saccharopolyspora erythraea</i> . <i>Applied and Environmental Microbiology</i> , 2016 , 82, 6819-6830	4.8	14

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