

Keyword index to Volume 28

- α -galactosidase, 97
¹⁴C alkylation, 207
2-hydroxy-5-hexenyl 2-chlorobutyrate, 173
3-methylcrotonyl CoA, 81
acetyl-CoA, 239
Acrophialophora nainiana, 204
actinorhodin, 103
activated sludge foam, 264
aeration, 291
aerobic stability, 7, 261
aggregation, 316
alkaline lipase, 344
amplicon length heterogeneity analysis, 48
ancient bacteria, 32
androst-4-ene-3,17-dione, 280
antifungal agent, 303
Aphanothece, 42
arabinoxylan, 168
archaea, 21, 32, 48
aromatic compound, 168
ascomycin, 12
Aspergillus awamori, 97
Aspergillus oryzae, 97
ATP, 268
attached cells, 134
B. Circulans GRS, 193, 313
bacillus, 32
Bacillus anthracis, 232
Bacillus thuringiensis, 284
bacteria, 21, 48
bacteriocins, 23
benzo[*a*]pyrene, 70, 88
bioaugmentation, 252
biobleaching, 204
biodegradation, 88, 168, 201, 245, 252
biofilm, 268
biofilms, 134
biofouling, 268
BIOLOG, 48
biological control, 303
bioreactor, 245
BTEX, 245
CAK1, 118
carbon flow partitioning, 333
cell surface hydrophobicity, 264
chemotrophy, 154
chromate, 154
Clostridium beijerinckii, 118
coal, 207
composition, 1
containment, 65
corn silage, 261
Corynebacterium glutamicum, 333, 338
Cr(VI) reduction, 154
crude oil, 252
cry genes, 284
crystalliferous *B. Thuringiensis*, 284
dextranucrase, 112
dibenz[*a,h*]anthracene, 88
disease suppression, 303
DNA, 118
drug discovery, 180
dual-phase fermentations, 325
dyes, 201
Eilat, 48
enoyl CoA hydratase, 81
enrichment cultures, 70
enzymatic esterification, 173
enzyme activity, 239
epothilone, 17
EPS, 42
Escherichia coli, 74
esterase, 207
Eucalyptus, 204
eucaryocins, 23
expanded-bed adsorption, 232
expression analysis, 186
expression database, 180
extracellular enzymes, 207
factorial design, 173, 344
fatty acids, 147
fed-batch, 333
fed-batch cultivations, 297
fermentation, 12, 127
fertility, 186
fixed film, 154
FK520, 12
flow cell, 268
fluorescence, 268
food-grade paper products, 225
fructose, 338
fumarate reductase, 325
fungal growth, 311
Fusarium wilt of banana, 303
galactoglucomannan, 168
gene expression, 180
gene expression analysis, 219
genomics, 186
genotyping, 186
glucose, 338
glutamate, 333
glyoxylate, 239
GMO, 65
GMP, 213
growth, 103
GST, 239
HACCP system, 213
halocins, 23
halophile, 42
halophiles, 21, 32
halophilic microorganisms, 56
heat treatment, 134
heterologous expression, 97
Heterorhabditis, 137
hydrocarbons, 252
hydrophobicity, 316
hygiene, 225
kefir, 1
kefir grains, 1
kinetics, 338
L. buchneri, 7
L. plantarum, 7
laccase, 207
lactic acid bacteria, 1
Leuconostoc citreum, 112
levansucrase, 112
ligninolytic enzymes, 201
lysine, 338
macrolide aglycones, 297
malate synthase, 239
maltooligosaccharide-forming amylase, 193
manufacturing of paper, paper-board and packaging materials, 213
mass culture, 137
media development, 297
medium optimization, 344
metabolic engineering, 127
metabolites, 88
metalloprotease, 74
microarray, 180, 186
microbial consortia, 252
microbial diversity, 56
microbiology, 225
microcosm, 65
microporous membranes, 245
milk, 134
mineralization, 70
model, 311
modelling, 65
Mono Lake, 48
mono-chlorophenol, 316
morphology, 103
moulds, 311
mycaminose biosynthesis, 160
Mycobacterium, 280
mycolic acids, 264
Mycococcus xanthus, 17
nematode, 137
ortho-cleavage pathway, 316
osmotic adaptation, 56
PAHs, 70
paper machine, 268
peptide antibiotics, 23
pH, 291
PHA mixtures, 147
phenol, 316
Phlebia radiata, 168
phytosterol, 280
poly(hydroxyalkanoates), 147
polyketide, 17
process development, 97
production, 137
protease, 74
protective antigen, 232
protein antibiotics, 23
protein expression, 239
protein purification, 81
Pseudomonas fluorescens, 344
Pseudomonas oleovorans, 147
Pseudomonas putida CP1, 316
pyruvate carboxylase, 325
pyruvate dehydrogenase, 325
recombinant, 74
Rhodococcus, 264
RiboPrint[®], 225
RT-PCR, 219
S. clavuligerus, 239
S. coelicolor, 297
safety, 65
saline, 48
salt, 42
salt crystals, 32
saltern, 42
saltern crystallizers, 56
salterns, 48
serine, 17
Shark Bay, 48
shuttle vectors, 118
silage, 7
silicone membrane, 245
soda lakes, 48
stainless steel, 268
starch-based glue, 225
starter, 291
Steinernema, 137
Stenotrophomonas maltophilia, 88
stoichiometry, 338
strain improvement, 219
Streptococcus thermophilus, 134
Streptomyces, 103
Streptomyces coelicolor, 239
Streptomyces fradiae, 160, 219
Streptomyces hygroscopicus, 12
Streptomyces violaceusniger, 303
succinic acid, 325
sucrose, 112, 338
sulfate-reducing bacteria, 154
sulfobolins, 23
Trichoderma, 207
temperature, 311, 333
toxicity, 316
transition time, 325
temperature, 261
testosterone, 280
transcript analysis, 160
transformation, 70
translational coupling, 160
tylosin, 219
tylosin production, 160
vaccine, 232
vapor phase, 245
vegetable media, 291
viruslike particle, 118
wastewater treatment, 65
water activity, 311
wheat silage, 261
white-rot fungi, 201
xylanase, 204
yeast, 186
yeasts, 1