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A comparative view of metabolite and substrate stress and tolerance in microbial bioprocessing: From biofuels and chemicals, to biocatalysis and bioremediation

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#	Paper	IF	Citations
457	Microbial degradation of tetrachloromethane: mechanisms and perspectives for bioremediation. 2010 , 74, 257-75		38
456	Transcriptional analysis of <i>Lactobacillus brevis</i> to N-butanol and ferulic acid stress responses. <i>PLoS ONE</i> , 2011 , 6, e21438	3.7	42
455	Switching <i>Clostridium acetobutylicum</i> to an ethanol producer by disruption of the butyrate/butanol fermentative pathway. <i>Metabolic Engineering</i> , 2011 , 13, 464-73	9.7	66
454	Styrene biosynthesis from glucose by engineered <i>E. coli</i> . <i>Metabolic Engineering</i> , 2011 , 13, 544-54	9.7	192
453	A stable yeast strain efficiently producing cholesterol instead of ergosterol is functional for tryptophan uptake, but not weak organic acid resistance. <i>Metabolic Engineering</i> , 2011 , 13, 555-69	9.7	72
452	Metabolic engineering of <i>Thermobifida fusca</i> for direct aerobic bioconversion of untreated lignocellulosic biomass to 1-propanol. <i>Metabolic Engineering</i> , 2011 , 13, 570-7	9.7	66
451	Engineering topology and kinetics of sucrose metabolism in <i>Saccharomyces cerevisiae</i> for improved ethanol yield. <i>Metabolic Engineering</i> , 2011 , 13, 694-703	9.7	74
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