RESEARCH PUBLICATIONS

Research papers published in Journals : 258*
Cover page articles : 7
Patents : 8
Chapters contributed for books : 27
Review articles : 11
Article in periodicals (popular) : 6
Articles published in Conference Proceedings : 210

*Total Citation > 7170; H-index of 48 (i10-index-162) (Google Scholar)

Research Articles in Referred Journals (Primary Literature publications)


batch mode operations: Critical evaluation with enzymatic and Bio-electrocatalytic analysis. Water Res. 60(1), 182-196


94. R.Chandra, G.V. Subhash, S.Venkata Mohan. (2012). Mixotrophic operation of photo-bioelectrocatalytic fuel cell under anoxygenic microenvironment enhances the light dependent bioelectrogenic activity. Bioresource Technology, 109, 46-56 (Cover page article (Fig 1); Special Issue: Innovative Researches on Algal Biomass)


115. S. Venkata Mohan and M.L. Babu. (2011). Dehydrogenase activity in association with poised potential during biohydrogen production in single chamber microbial electrolysis cell. Bioresource Technology, 102, 8457–8465 (Cover Page Article, Special Issue on Biofuels-III: Biohydrogen; Figure 5)


121. S.Venkata Mohan and K.Chandrasekhar. (2011). Solid phase microbial fuel cell (SMFC) for harnessing bioelectricity from composite food waste fermentation: Influence of electrode assembly and buffering capacity. Bioresource Technology, 102(14), 7077–7085 (cover page article; Fig 2)


Chapter 4 Books


**Article in Periodicals**


Figure 1….. S.B.Pasupuleti and **S.Venkata Mohan**. (2015). Single-Stage Fermentation Process for High-Value Biohythane Production with the Treatment of Distillery Spent-wash. Bioresource Technology, 189, 177-189

Figure 1…. C.N.Reddy, A.N.Kumar, J.A.Modestra, **S.Venkata Mohan**. (2014). Induction of anoxic microenvironment in multi-phase metabolic shift strategy during periodic discontinuous batch mode operation enhances treatment of azo dye wastewater. Bioresource Technology. 165, 241-249 (Special Issue : on Challenges on Environmental Science and Engineering (CSE-2013))


Figure 1….. *Rashmi Chandra, G.Venkata Subhash, S.Venkata Mohan*. (2012). Mixotrophic operation of photo-bioelectrocatalytic fuel cell under anoxygenic microenvironment enhances the light dependent bioelectrogenic activity. Bioresource Technology, 109, 46-56 (*Special Issue: Innovative Researches on Algal Biomass*)

Figure 5….. S.Venkata Mohan, M.Lenin Babu. (2011). Dehydrogenase activity in association with poised potential during biohydrogen production in single chamber microbial electrolysis cell. Bioresource Technology, 102, 8457–8465 (*Special Issue on Biofuels-III: Biohydrogen*)

Figure 3….. S. Venkata Mohan and K. Chandrasekhar. (2011). Self-induced bio-potential and graphite electron accepting conditions enhances petroleum sludge degradation in bio-electrochemical system with simultaneous power generation. Bioresource Technology, 102, 9532-9541

Figure 2… S.Venkata Mohan, K.Chandrasekhar. (2011). Solid phase microbial fuel cell (SMFC) for harnessing bioelectricity from composite food waste fermentation: Influence of electrode assembly and buffering capacity. Bioresource Technology, 102, 7077–7085.