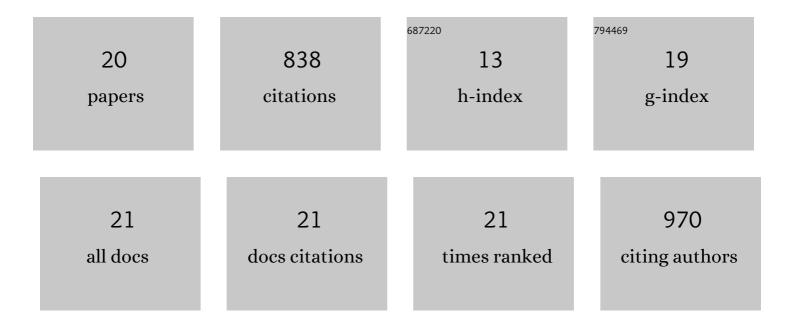
## Vel Murugan Vadivelu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	In-situ alkaline enhanced two-stage anaerobic digestion system for waste cooking oil and sewage sludge co-digestion. Waste Management, 2021, 120, 221-229.	3.7	15
2	Self-flocculation of enriched mixed microalgae culture in a sequencing batch reactor. Environmental Science and Pollution Research, 2021, 28, 26595-26605.	2.7	3
3	Membrane-less microbial fuel cell: Monte Carlo simulation and sensitivity analysis for COD removal in dewatered sludge. AIP Advances, 2021, 11, .	0.6	5
4	Effect of storage conditions on maintaining anammox cell viability during starvation and recovery. Bioresource Technology, 2020, 296, 122341.	4.8	26
5	Recovery of energy and simultaneous treatment of dewatered sludge using membraneâ€less microbial fuel cell. Environmental Progress and Sustainable Energy, 2019, 38, 208-219.	1.3	28
6	Nitrite pre-treatment of dewatered sludge for microbial fuel cell application. Journal of Environmental Sciences, 2019, 77, 148-155.	3.2	11
7	Study on the effect of external hydrazine addition on Anammox bacteria during the starvation period. AIP Conference Proceedings, 2019, , .	0.3	4
8	Enhanced volatile fatty acid production in sequencing batch reactor: Microbial population and growth kinetics evaluation. AIP Conference Proceedings, 2019, , .	0.3	7
9	Membraneless Microbial Fuel Cell: Characterization of Electrogenic Bacteria and Kinetic Growth Model. Journal of Environmental Engineering, ASCE, 2019, 145, .	0.7	5
10	Effect of external hydrazine addition on anammox reactor start-up time. Chemosphere, 2019, 223, 668-674.	4.2	29
11	Effect of Triglyceride Addition on Oxygen Uptake, Carbon Metabolism, and Polyhydroxyalkanoate Accumulation in Aerobic Granules. Clean - Soil, Air, Water, 2017, 45, 1600314.	0.7	0
12	Effect of famine-phase reduced aeration on polyhydroxyalkanoate accumulation in aerobic granules. Bioresource Technology, 2017, 245, 970-976.	4.8	19
13	Dynamics of polyhydroxyalkanoate accumulation in aerobic granules during the growth–disintegration cycle. Bioresource Technology, 2015, 196, 731-735.	4.8	14
14	Polyhydroxyalkanoate recovery and effect of in situ extracellular polymeric substances removal from aerobic granules. Bioresource Technology, 2015, 189, 169-176.	4.8	30
15	Treatment of agro based industrial wastewater in sequencing batch reactor: Performance evaluation and growth kinetics of aerobic biomass. Journal of Environmental Management, 2014, 146, 217-225.	3.8	15
16	Aerobic dynamic feeding as a strategy for in situ accumulation of polyhydroxyalkanoate in aerobic granules. Bioresource Technology, 2014, 161, 441-445.	4.8	34
17	The effect of organic loading rates and nitrogenous compounds on the aerobic granules developed using low strength wastewater. Biochemical Engineering Journal, 2012, 67, 52-59.	1.8	61
18	The role of nitrite and free nitrous acid (FNA) in wastewater treatment plants. Water Research, 2011, 45, 4672-4682.	5.3	352

#	Article	IF	CITATIONS
19	Free ammonia and free nitrous acid inhibition on the anabolic and catabolic processes of Nitrosomonas and Nitrobacter. Water Science and Technology, 2007, 56, 89-97.	1.2	141
20	Stoichiometric and kinetic characterisation of Nitrosomonas sp. in mixed culture by decoupling the growth and energy generation processes. Journal of Biotechnology, 2006, 126, 342-356.	1.9	35