

Sundarambal Palani

List of Publications by Citations

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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.

16 papers	507 citations	9 h-index	17 g-index
17 ext. papers	571 ext. citations	4.7 avg, IF	3.46 L-index

#	Paper	IF	Citations
16	An ANN application for water quality forecasting. <i>Marine Pollution Bulletin</i> , 2008 , 56, 1586-97	6.7	285
15	Dry and wet atmospheric deposition of nitrogen and phosphorus in Singapore. <i>Atmospheric Environment</i> , 2011 , 45, 2760-2768	5.3	63
14	Determination of total nitrogen in atmospheric wet and dry deposition samples. <i>Talanta</i> , 2009 , 77, 979-842	4.2	37
13	Impact of biomass burning on ocean water quality in Southeast Asia through atmospheric deposition: field observations. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 11323-11336	6.8	37
12	ANN application for prediction of atmospheric nitrogen deposition to aquatic ecosystems. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1198-206	6.7	19
11	Impact of biomass burning on ocean water quality in Southeast Asia through atmospheric deposition: eutrophication modeling. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 11337-11357	6.8	13
10	Atmospheric fluxes of nutrients onto Singapore Strait. <i>Water Science and Technology</i> , 2009 , 59, 2287-95	2.2	11
9	Temporal variability and climatology of hydrodynamic, water property and water quality parameters in the West Johor Strait of Singapore. <i>Marine Pollution Bulletin</i> , 2013 , 77, 380-95	6.7	9
8	Modelling the effect of atmospheric nitrogen deposition on marine phytoplankton in the Singapore Strait. <i>Water Science and Technology</i> , 2010 , 61, 859-67	2.2	9
7	Simulation of saltwater intrusion into coastal aquifer of Nagapattinam in the lower cauvery basin using SEAWAT. <i>Groundwater for Sustainable Development</i> , 2019 , 8, 294-301	6	9
6	Simulation of anaerobic digestion processes using stochastic algorithm. <i>Journal of Environmental Health Science & Engineering</i> , 2014 , 12, 121	2.9	4
5	A probabilistic cellular automaton for two dimensional contaminant transport simulation in ground water. <i>Water Science and Technology</i> , 2008 , 58, 2083-92	2.2	4
4	Case study of phytoplankton blooms in serangoon harbor of Singapore 2010 ,		3
3	Water Quality Modelling in the East Johor and Singapore Straits. <i>Open Journal of Water Pollution and Treatment</i> , 2014 , 2014, 36-49		2
2	Simulation of ammonium and chromium transport in porous media using coupling scheme of a numerical algorithm and a stochastic algorithm. <i>Water Science and Technology</i> , 2009 , 59, 1577-84	2.2	1
1	Water quality parameters as indicators to study the interactions of nanoparticles in an aqueous environment. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020 , 14, 100329	3.3	