

# Sorawit Powtongsook

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9250991/publications.pdf>

Version: 2024-02-01

14  
papers

151  
citations

1307594

7  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and function of a closed, recirculating seawater system with denitrification for the culture of black tiger shrimp broodstock. <i>Aquacultural Engineering</i> , 2001, 25, 35-49.	3.1	59
2	Phosphorus removal in a closed recirculating aquaculture system using the cyanobacterium <i>Synechocystis</i> sp. PCC 6803 strain lacking the SphU regulator of the Pho regulon. <i>Biochemical Engineering Journal</i> , 2013, 74, 69-75.	3.6	19
3	Growth and nutrient conversion of white shrimp <i>Litopenaeus vannamei</i> (Boone) and Nile tilapia <i>Oreochromis niloticus</i> L. in an integrated closed recirculating system. <i>Aquaculture Research</i> , 2011, 42, 1246-1260.	1.8	15
4	Integrated Multi-Trophic Recirculating Aquaculture System for Nile Tilapia ( <i>Oreochromis niloticus</i> ). <i>Sustainability</i> , 2016, 8, 592.	3.2	9
5	Alternative microalgal diets for cultivation of the fairy shrimp <i>Branchinella thailandensis</i> (Branchiopoda: Anostraca). <i>Aquaculture International</i> , 2018, 26, 37-47.	2.2	9
6	Differences in nitrite-oxidizing communities and kinetics in a brackish environment after enrichment at low and high nitrite concentrations. <i>Journal of Environmental Sciences</i> , 2016, 42, 41-49.	6.1	8
7	Nitrogen compounds removal in a packed bed external loop airlift bioreactor. <i>Korean Journal of Chemical Engineering</i> , 2005, 22, 393-398.	2.7	7
8	Photoautotrophic cultivation of <i>Chlorococcum humicola</i> in stirred tank and airlift photobioreactors under different light settings and light supplying strategies for biomass and carotenoid production. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3084-3092.	3.2	7
9	Effect of daytime CO <sub>2</sub> supplement on productivity and biochemical composition of <i>Scenedesmus armatus</i> under outdoor cultivation. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 267-273.	1.9	5
10	Manipulation of Biochemical Compositions of <i>Chlorella</i> sp.. <i>Engineering Journal</i> , 2015, 19, 13-24.	1.0	5
11	Influence of ammonia and NaCl on nitrifying community and activity: Implications for formulating nitrifying culture augmentation. <i>Science of the Total Environment</i> , 2022, 833, 155132.	8.0	5
12	Effects of Salinity and Immobilization Period on the Nitrification and Denitrification Co-processes during Biofilter Acclimation in a Marine Recirculating Aquaculture System. <i>Journal of Water and Environment Technology</i> , 2019, 17, 89-99.	0.7	3
13	Integrated Multi-Trophic Recirculating Aquaculture System for Nile Tilapia ( <i>Oreochromis niloticus</i> ). <i>Sustainability</i> , 2016, 8, 592.	3.2	0
14	Evaluation of Modified Biofloc System with Filtration Unit in Controlling Suspended Solids and Inorganic Nitrogen Concentrations in a Recirculating Aquaculture System. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	0