

**The Effect Of Hydraulic Residence Time And Initial
COD Concentration On Color And COD Removal
Performance Of The Anaerobic-aerobic SBR System
[An Article From: Journal Of Hazardous Materials]**

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By I.K. Kapdan;R. Oztekin

CiteSeerX Effect of Hydraulic Activity on -

Effect of Hydraulic Activity on Crystallization of Precipitated Calcium Carbonate (PCC) for Eco-Friendly Paper (2009)

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.356.9835>

Effects of Hydraulic Loading Rate and Filter -

Hydraulic residence times Wastewater loading rates have been shown to have a significant effect on the hydraulic performance of porous media filters receiving

<http://ascelibrary.org/doi/10.1061/%28ASCE%29HE.1943-5584.0000359>

The Effect of Hydraulic Loading Rate and Influent -

The Effect of Hydraulic Loading Rate and Influent Source on the Binding Capacity of Phosphorus The effect of varying residence time has been discussed by

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3732246/>

The steady state anaerobic digestion of Laminaria -

The steady state anaerobic digestion of Laminaria hyperborea : effect of hydraulic residence on biogas production and bacterial community composition

<http://dr.ntu.edu.sg/handle/10220/17506>

Waste Water- Treatment and Re Utilization - Scribd -

WASTE WATER . TREATMENT AND REUTILIZATION Edited by Fernando S. Garc a Einschlag Waste Water - Treatment and Reutilization Edited by Fernando S. Garc a Einschlag

<https://www.scribd.com/doc/74092585/Waste-Water-Treatment-and-Re-Utilization>

Brazilian Journal of Chemical Engineering - Effect -

ENVIRONMENTAL ENGINEERING . Effect of hydraulic retention time on up-flow anaerobic stage reactor performance at constant loading in the presence of antibiotic tylosin

http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0104-66322011000100007

Hydraulic Residence Time of CSTRs under -

Equations to calculate the hydraulic residence time (HRT) of complete mix reactors (CSTR), with or without recirculation, under unsteady state condition are

[http://ascelibrary.org/doi/abs/10.1061/\(ASCE\)0733-9372\(1994\)120:6\(1446\)](http://ascelibrary.org/doi/abs/10.1061/(ASCE)0733-9372(1994)120:6(1446))

Effect of Residence Time on Fixed Film Reactor -

Effect of residence time on fixed film reactor performance which allowed one to vary the liquid residence time at a constant hydraulic loading.

<http://www.jstor.org/pss/25039796>

Fracking, shale gas and health effects: Research -

2014 review of scientific literature on potential health and environmental effects of hydraulic fracturing, or "fracking," to extract natural gas and shale oil.

<http://journalistsresource.org/studies/environment/energy/fracking-shale-gas-health-effects-research-roundup>

Modeling the Effect of Plants and Peat on -

Evapotranspiration than the theoretical hydraulic residence time value in pilot and Species on ET Rates and Hydraulic. Effects of Phragmites and Typha

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Residence time - Wikipedia, the free encyclopedia -

Residence time (also known as removal time) is the average amount of time that a particle spends in a particular system. This measurement varies directly with the

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Destruction of azo dyes by anaerobic aerobic -

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<http://link.springer.com/article/10.1007/s13762-014-0499-x>

Evaluating Effects of Mineral Fouling on the -

Evaluating Effects of Mineral Fouling on the Long-Term Performance of Permeable Reactive Barriers by Lin Li and Craig H. Benson Geoenvironmental Engineering

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Bioline International Official Site (site up-dated -

The effect of sludge age on system performance was investigated by changing the sludge age between $c = 2-20$ days at constant hydraulic residence time of $H = 20$ h.

<http://www.bioline.org.br/request?er10013>

Title page for ETD etd-03032009-040614 - Virginia -

To determine the effect of hydraulic retention Wastewater from an actual residence was collected etd-03032009-040614: Title: Effects of hydraulic loading

<http://scholar.lib.vt.edu/theses/available/etd-03032009-040614/>

Effect of temperature, hydraulic residence time -

1. Water Res. 2007 Mar;41(6):1207-14. Epub 2007 Jan 30. Effect of temperature, hydraulic residence time and elevated PCO₂ on acid neutralization within a pulsed

<http://www.ncbi.nlm.nih.gov/pubmed/17267008>

Effect of pond shape and vegetation heterogeneity -

Functional representation of hydraulic residence times The coupling of the wetland water ow and biochemical General hydraulic effects on nitrogen reduction By

http://www.academia.edu/2591212/Effect_of_pond_shape_and_vegetation_heterogeneity_on_flow_and_treatment_performance_of_constructed_wetlands

The effect of hydraulic retention time on granular -

COD removal in the anaerobic-aerobic SBR K. Kapdan, R. Oztekin; The effect of hydraulic residence time and initial COD concentration on color and COD removal
<http://www.sciencedirect.com/science/article/pii/S0043135411002752>

Effects of Temperature and Hydraulic Residence -

To examine the effect of hydraulic residence time (HRT) on the performance and stability, to treat dilute wastewater at different operational temperatures in a
<http://www.sciencedirect.com/science/article/pii/S0895398809600039>

The Effects of Hydraulic Heterogeneity on Tracer -

Abstract Both hydraulic heterogeneity and topological one affect the tracer transport in real heterogeneous reservoir. Previous numerical studies for the fluid
<http://www.tandfonline.com/doi/abs/10.1080/15567030701272171>

Effect of hydraulic retention time, temperature, -

Effect of hydraulic retention time, temperature, and organic load on a horizontal subsurface flow constructed wetland treating cheese whey wastewater
<http://onlinelibrary.wiley.com/doi/10.1002/jctb.4637/abstract>

Patent US4983299 - Removal of phenols from waste -

11. A method for the aerobic biodegradation of organic pollutants in aqueous streams comprising flowing at a rate corresponding to an hydraulic residence time no more

<http://www.google.com/patents/US4983299>

Effect of Hydraulic Residence Time on the Removal -

Effect of Hydraulic Residence Time on the Removal of Wastes in a Seawater Aquarium using a Foam Separator - Foam separation; Aquarium; Hydraulic residence time;

http://www.koreascience.or.kr/article/ArticleFullRecord.jsp?cn=KSSHBC_2004_v37n2_85

Increasing Hydraulic Residence Time in Constructed -

Increasing Hydraulic Residence Time in Constructed Stormwater Treatment Wetlands with Designed Bottom Topography Ruel Michael Conn, Fritz R. Fiedler
<http://www.jstor.org/stable/25053663>

Effects of hydraulic residence time on metal -

The combined uptake of Cu^{2+} and Zn^{2+} by activated sludge (biomass) was investigated at steady state in an activated sludge process (ASP) without recycle (namely

<http://www.sciencedirect.com/science/article/pii/S0255270104000625>

Anders Worman -

Anders Worman (Anders Worman), Swedish University of Agricultural Sciences, Civil Engineering, Geosciences, Physics

<http://academic.research.microsoft.com/Author/21921413/anders-worman>

The effect of hydraulic residence time and initial -

The effect of hydraulic residence time and initial COD on color and COD removal in SBR system I.K. Kapdan, R. Oztekin; Effect of

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Journal of Hazardous Materials (v.136, #3) | -

Journal of Hazardous Materials hydraulic residence time and initial COD concentration on color and COD removal performance of the anaerobic aerobic SBR

<http://www.chemweb.com/articles/03043894/01360003>

Design methodology accounting for the effects of -

Design methodology accounting for the effects of porous medium heterogeneity on hydraulic residence time and biodegradation in horizontal subsurface flow constructed

<http://infoscience.epfl.ch/record/150004>

Sequential Anaerobic- Aerobic Phase Strategy Using -

deterioration in COD removal in the anaerobic-aerobic SBR I. K Kapdan, R Oztekin, 2006 The Effect of Hydraulic Residence Time and Initial COD

<http://www.intechopen.com/books/biomass-now-sustainable-growth-and-use/sequential-anaerobic-aerobic-phase-strategy-using-microbial-granular-sludge-for-textile-wastewater-t>

EARTHWORKS | Hydraulic Fracturing 101 -

Hydraulic fracturing - What it is. Geologic formations may contain large quantities of oil or gas, but have a poor flow rate due to low permeability, or from damage

https://www.earthworksaction.org/issues/detail/hydraulic_fracturing_101

Effect of hydraulic residence time on microbial -

Effect of hydraulic residence time on microbial sulfide production in an upflow sludge blanket denitrification reactor fed with methanol

http://link.springer.com/article/10.1007%2F978-94-007-2682-2_1

Facultative Anaerobic Granular Sludge for Textile -

Retention Times on Chemical Oxygen Demand Removal Effect of Hydraulic cycle of the SBR system () Color. anaerobic/aerobic residence time

<https://www.scribd.com/doc/67540579/Facultative-Anaerobic-Granular-Sludge-for-Textile-Dyeing-Waste-Water-Treatment>

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(1) Wang, K., Peng, N., Tu, C. "Biosorption of reactive and basic dyes from aqueous solutions by rice wine lees" Proceedings of the 3rd International Conference on

<http://ghoreishi.iut.ac.ir/selected-citations>

Investigation of the Effect of Grain Size, Flow -

The effects of grain size, hydraulic loading rate, The deficiencies caused by diffuser design, coarse grain size were compensated by a higher batch residence time.

<http://www.biosandfilters.info/research/investigation-effect-grain-size-flow-rate-and-diffuser-design-cawst-biosand-filter>

Effects of loading rate and hydraulic residence -

Effects of loading rate and hydraulic residence time on anoxic sulfide biooxidation Hydraulic residence time (HRT) X703.1; Industry Sectors. Automotive; Electronics;

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Synthesis, Characterization and Crystal Structure -

and Crystal Structure of Gallosilicate Perchlorate Sodalite 3 Ashok V. Borhade, Arun G. Dholi & Sanjay G. Wakchaure Studies on the Effect Journal of Chemistry http://www.academia.edu/1225901/Synthesis_Characterization_and_Crystal_Structure_of_Gallosilicate_Perchlorate_Sodalite_3_Ashok_V._Borhade_Arun_G._Dholi_and_Sanjay_G._Wakchaure_Studies_on_the_Effect