

# Renato Siqueira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6414012/publications.pdf>

Version: 2024-02-01

16  
papers

232  
citations

1163117

8  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Assessment of Hydraulic Efficiency Indexes. Journal of Environmental Engineering, ASCE, 2008, 134, 851-859.	1.4	94
2	Analysis of CO <sub>2</sub> Hydrates in Crude Oils from a Rheological Point of View. Energy & Fuels, 2018, 32, 2733-2741.	5.1	21
3	Drag reduction in turbulent flows by diutan gum: A very stable natural drag reducer. Journal of Non-Newtonian Fluid Mechanics, 2020, 276, 104223.	2.4	21
4	Okra as a drag reducer for high Reynolds numbers water flows. Rheologica Acta, 2016, 55, 983-991.	2.4	19
5	The role played by the aging of aloe vera on its drag reduction properties in turbulent flows. Journal of Non-Newtonian Fluid Mechanics, 2019, 265, 1-10.	2.4	17
6	Start-up of waxy crude oils in pipelines. Journal of Non-Newtonian Fluid Mechanics, 2019, 263, 61-68.	2.4	15
7	Modelling hydrogen sulphide emission in a WWTP with UASB reactor followed by aerobic biofilters. Water Science and Technology, 2006, 54, 173-180.	2.5	9
8	Friction Coefficients for Bingham and Power-Law Fluids in Abrupt Contractions and Expansions. Journal of Fluids Engineering, Transactions of the ASME, 2017, 139, .	1.5	9
9	Mechanical scission of a flexible polymer (polyethylene oxide) under highly turbulent flows through abrupt contractions. Journal of Non-Newtonian Fluid Mechanics, 2022, 301, 104740.	2.4	8
10	The role played by the flexible polymer polyacrylamide (PAM) and the rigid polymer xanthan gum (XG) on drag in Taylor-Couette geometry: from Taylor's vortices to fully turbulent flow. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	7
11	Drag Reduction by Polymers in Saline Nutrient Solutions. Journal of Fluids Engineering, Transactions of the ASME, 2020, 142, .	1.5	5
12	Flow distribution and jet behavior analysis of fabric filter's pulse-jet cleaning. Journal of the Air and Waste Management Association, 2020, 70, 544-556.	1.9	3
13	Alternative Index for Interpretation of RTD Curves. Journal of Environmental Engineering, ASCE, 2000, 126, 981.	1.4	2
14	Discussion and Closure: Alternative Index for Interpretation of RTD Curves. Journal of Environmental Engineering, ASCE, 2000, 126, 981-982.	1.4	1
15	Proposta de calibração de modelos hidrodinâmicos aplicados a unidades de contato utilizando uma função de distribuição de tempos de residência. Engenharia Sanitaria E Ambiental, 2007, 12, 79-89.	0.5	1
16	Closure to "Performance Assessment of Hydraulic Efficiency Indexes" by Edmilson Costa Texeira and Renato do Nascimento Siqueira. Journal of Environmental Engineering, ASCE, 2010, 136, 1007-1008.	1.4	0