

Philip L De Vaal

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

167
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure analysis on retrieved ultra high molecular weight polyethylene (UHMWPE) acetabular cups. Engineering Failure Analysis, 2007, 14, 1329-1345.	4.0	43
2	Advanced process monitoring using an on-line non-linear multiscale principal component analysis methodology. Computers and Chemical Engineering, 2000, 24, 755-760.	3.8	36
3	Alkyl ammonium intercalation of Mozambican bentonite. Applied Clay Science, 2010, 49, 142-148.	5.2	29
4	Alkylate Technology Selection for Fischer-Tropsch Syncrude Refining. Industrial & Engineering Chemistry Research, 2008, 47, 6870-6877.	3.7	23
5	Using MV overshoot as a tuning metric in choosing DMC move suppression values. ISA Transactions, 2012, 51, 657-664.	5.7	14
6	South Africa [control education]. IEEE Control Systems, 1996, 16, 41-47.	0.8	9
7	Dynamic simulation of Chemical Engineering systems using OpenModelica and CAPE-OPEN. Computer Aided Chemical Engineering, 2009, , 859-864.	0.5	5
8	Performance comparison of controllers acting on a batch pulp digester using Monte Carlo modelling. Control Engineering Practice, 2006, 14, 949-958.	5.5	4
9	Control of a batch pulp digester using a simplified mechanistic model to predict degree of polymerisation. Computers and Chemical Engineering, 2007, 31, 1222-1230.	3.8	2
10	An Investigation into Lubrication and Oxide Breakdown During Load-Carrying Capacity Testing. Tribology Transactions, 2014, 57, 890-898.	2.0	2
11	Open-gear lubrication: Meeting industrial requirements using laboratory techniques. Tribotest Journal: Tribology and Lubrication in Practice, 1998, 5, 79-91.	0.7	0
12	Mechanisms of Lubricated and Unlubricated Friction and Wear. , 2011, , .		0