

Thinh Xuan Ho

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

369
citations

759233

12
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical analysis of a planar anode-supported SOFC with composite electrodes. International Journal of Hydrogen Energy, 2009, 34, 3488-3499.	7.1	58
2	Modeling of transport, chemical and electrochemical phenomena in a cathode-supported SOFC. Chemical Engineering Science, 2009, 64, 3000-3009.	3.8	54
3	Effects of heat sources on the performance of a planar solid oxide fuel cell. International Journal of Hydrogen Energy, 2010, 35, 4276-4284.	7.1	43
4	Numerical modeling of solid oxide fuel cells. Chemical Engineering Science, 2008, 63, 5356-5365.	3.8	40
5	Experimental and numerical investigation of explosive behavior of syngas/air mixtures. International Journal of Hydrogen Energy, 2018, 43, 8152-8160.	7.1	31
6	Influence of hydrocarbon additions and dilutions on explosion behavior of syngas/air mixtures. International Journal of Hydrogen Energy, 2017, 42, 27416-27427.	7.1	29
7	A three-dimensional model for transient performance of a solid oxide fuel cell. International Journal of Hydrogen Energy, 2014, 39, 6680-6688.	7.1	18
8	Transport, chemical and electrochemical processes in a planar solid oxide fuel cell: Detailed three-dimensional modeling. Journal of Power Sources, 2010, 195, 6764-6773.	7.8	17
9	Dynamic characteristics of a solid oxide fuel cell with direct internal reforming of methane. Energy Conversion and Management, 2016, 113, 44-51.	9.2	16
10	Numerical study of an unsteady flow of thixotropic liquids past a cylinder. AIP Advances, 2019, 9, .	1.3	16
11	Simulation of explosion characteristics of syngas/air mixtures. Energy Procedia, 2018, 153, 131-136.	1.8	14
12	Destabilization of clouds of monodisperse and polydisperse particles falling in a quiescent and viscous fluid. Physics of Fluids, 2016, 28, .	4.0	12
13	Numerical study of a flow over and through offshore fish cages. Ocean Engineering, 2020, 201, 107140.	4.3	9
14	Influence of thixotropic parameters on a non-Newtonian fluid flow. AIP Advances, 2020, 10, .	1.3	6
15	Lid-driven cavity flow of sediment suspension. European Journal of Mechanics, B/Fluids, 2021, 85, 312-321.	2.5	5
16	Numerical Simulation of Electrochemical and Transport Processes in Solid Oxide Fuel Cells. ECS Transactions, 2007, 7, 1901-1908.	0.5	1
17	Detailed Modeling of an Anode-supported Solid Oxide Fuel Cell Using a Fully Three-dimensional Approach. ECS Transactions, 2009, 25, 1231-1240.	0.5	0