E Romeo

List of Publications by Year
in descending order

26 papers	1,128 citations	471509 17 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1311 citing authors

#	Article	IF	Citations
1	Performance of AISI 316L-stainless steel foams towards the formation of graphene related nanomaterials by catalytic decomposition of methane at high temperature. Catalysis Today, 2022, 383, 236-246.	4.4	8
2	Selective synthesis of carbon nanotubes by catalytic decomposition of methane using Co-Cu/cellulose derived carbon catalysts: A comprehensive kinetic study. Chemical Engineering Journal, 2021, 404, 126103.	12.7	29
3	Synthesis of graphenic nanomaterials by decomposition of methane on a Ni-Cu/biomorphic carbon catalyst. Kinetic and characterization results. Catalysis Today, 2018, 299, 67-79.	4.4	19
4	Growth of carbonaceous nanomaterials over stainless steel foams. Effect of activation temperature. Catalysis Today, 2016, 273, 41-49.	4.4	9
5	Kinetics of liquid phase cyclohexene hydrogenation on Pdâ€“Al/biomorphic carbon catalysts. Catalysis Today, 2015, 249, 127-136.	4.4	9
6	A Langmuirâ€“Hinshelwood approach to the kinetic modelling of catalytic ammonia decomposition in an integral reactor. Physical Chemistry Chemical Physics, 2013, 15, 12104.	2.8	58
7	Ni-Co-Mg-Al catalysts for hydrogen and carbonaceous nanomaterials production by CCVD of methane. Catalysis Today, 2011, 172, 143-151.	4.4	35
8	Kinetics of carbon nanotubes growth on a Niâ€“Mgâ€“Al catalyst by CCVD of methane: Influence of catalyst deactivation. Catalysis Today, 2010, 154, 217-223.	4.4	29
9	Carbon Nanotube Growth by Catalytic Chemical Vapor Deposition: A Phenomenological Kinetic Model. Journal of Physical Chemistry C, 2010, 114, 4773-4782.	3.1	54
10	Development of aligned carbon nanotubes layers over stainless steel mesh monoliths. Catalysis Today, 2009, 147, S71-S75.	4.4	44
11	Development of Niâ€“Al Catalysts for Hydrogen and Carbon Nanofibre Production by Catalytic Decomposition of Methane. Effect of MgO Addition. Topics in Catalysis, 2008, 51, 158-168.	2.8	12
12	Carbon nanofiber growth onto a cordierite monolith coated with Co-mordenite. Catalysis Today, 2008, 133-135, 7-12.	4.4	16
13	Texturising and structurising mechanisms of carbon nanofilaments during growth. Journal of Materials Chemistry, 2007, 17, 4611.	6.7	44
14	Development of Niâ€“Cuâ€“Mgâ€“Al catalysts for the synthesis of carbon nanofibers by catalytic decomposition of methane. Journal of Catalysis, 2007, 251, 223-232.	6.2	89
15	Improvement of activity and stability of Niâ€“Mgâ€“Al catalysts by Cu addition during hydrogen production by catalytic decomposition of methane. Catalysis Today, 2006, 116, 264-270.	4.4	68
16	New Niâ€“Cuâ€“Mgâ€“Al-based catalysts preparation procedures for the synthesis of carbon nanofibers and nanotubes. Journal of Physics and Chemistry of Solids, 2006, 67, 1162-1167.	4.0	19
17	Growing mechanism of CNTs: a kinetic approach. Journal of Catalysis, 2004, 224, 197-205.	6.2	99
18	Relationship between the kinetic parameters of different catalyst deactivation models. Chemical Engineering Journal, 2003, 94, 19-28.	12.7	48

#	Article	IF	Citations
19	Catalytic decomposition of methane over Ni-Al2O3 coprecipitated catalysts. Applied Catalysis A: General, 2003, 252, 363-383.	4.3	220
20	Hydrogen Production by Steam Gasification of Biomass Using Niâ^'Al Coprecipitated Catalysts Promoted with Magnesium. Energy & Fuels, 2002, 16, 1222-1230.	5.1	104
21	Hydrogen Production by Catalytic Cracking of Methane Using Ni-Al2O3 Catalysts. Influence of the Operating Conditions. Studies in Surface Science and Catalysis, 2001, , 391-398.	1.5	4
22	Gas Phase Selective Hydrogenation of Acetylene. Importance of the Formation of Ni-Co and Ni-Cu Bimetallic Clusters on the Selectivity and Coke Deposition. Studies in Surface Science and Catalysis, 2001, 139, 37-44.	1.5	14
23	Preparation and characterisation of Ni-Mg-Al hydrotalcites as hydrogenation catalysts. Studies in Surface Science and Catalysis, 2000, , 2099-2104.	1.5	5
24	Acetylene hydrogenation with a modified Ni-Zn-Al catalyst. Influence of the operating conditions on the coking rate. Studies in Surface Science and Catalysis, 1999, 126, 113-120.	1.5	3
25	Acetylene hydrogenation on Niâ€"Alâ€"Cr oxide catalysts: the role of added Zn. Applied Clay Science, 1998, 13, 363-379.	5.2	54
26	Deactivation by coking and poisoning of spinel-type Ni catalysts. Catalysis Today, 1997, 37, 255-265.	4.4	35