Marcelo da Silva Batista

List of Publications by Year
in descending order

23 papers	753 citations	1040056 9 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	881 citing authors

#	Article	IF	Citations
1	High efficiency steam reforming of ethanol by cobalt-based catalysts. Journal of Power Sources, 2004, 134, 27-32.	7.8	224
2	Characterization of the activity and stability of supported cobalt catalysts for the steam reforming of ethanol. Journal of Power Sources, 2003, 124, 99-103.	7.8	207
3	Evaluation of the water-gas shift and CO methanation processes for purification of reformate gases and the coupling to a PEM fuel cell system. Journal of Power Sources, 2005, 145, 50-54.	7.8	62
4	Mechanism of CO Tolerance on Molybdenum-Based Electrocatalysts for PEMFC. Journal of the Electrochemical Society, 2004, 151, A944.	2.9	60
5	High specific surface area LaFeCo perovskitesâ€"Synthesis by nanocasting and catalytic behavior in the reduction of NO with CO. Applied Catalysis B: Environmental, 2009, 90, 441-450.	20.2	59
6	Double bed reactor for the simultaneous steam reforming of ethanol and water gas shift reactions. International Journal of Hydrogen Energy, 2006, 31, 1204-1209.	7.1	38
7	The role of Ni on the performance of automotive catalysts: evaluating the ethanol oxidation reaction. Catalysis Today, 2003, 85, 13-21.	4.4	26
8	Iron Species Present in Fe/ZSM-5 Catalysts â€“ Influence of the Preparation Method. Hyperfine Interactions, 2001, 134, 161-166.	0.5	21
9	Species active in the selective catalytic reduction of no with iso-butane on iron-exchanged ZSM-5 zeolites. Brazilian Journal of Chemical Engineering, 2005, 22, 341-351.	1.3	11
10	Effect of MgO loading over zeolite-supported Ni catalysts in methane reforming with carbon dioxide for synthesis gas production. Reaction Kinetics, Mechanisms and Catalysis, 2017, 122, 501-511.	1.7	11
11	Efeito do teor metÃ¡lico em catalisadores Co/Al2O3 aplicados Ã reaÃ§Ã£o de reforma a vapor de etanol. Quimica Nova, 2005, 28, 587-590.	0.3	10
12	Catalytic Evaluation of CuO/[Si]MCMâ€41 in Fentonâ€like Reactions. Chemical Engineering and Technology, 2019, 42, 882-888.	1.5	7
13	<scp>Fe₂O₃</scp>/<scp>MCM</scp>â€41 as catalysts for methyl orange degradation by Fentonâ€like reactions. Environmental Progress and Sustainable Energy, 2021, 40, e13507.	2.3	4
14	Influence of co-fed gases (O2, CO2, CH4, and H2O) on the N2O decomposition over (Co, Fe)-ZSM-5 and (Co, Fe)-BETA catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2019, 126, 341-352.	1.7	3
15	Redox effects in Cu, Co or Fe in oxides nanocrystals with high catalytic activity for the acetonitrile combustion. SN Applied Sciences, 2020, 2, 1.	2.9	3
16	BIO-OIL PRODUCTION FROM WASTE POTATO PEEL AND RICE HUSH. Revista EletrÃ´nica Em GestÃ£o EducaÃ§Ã£o E Tecnologia Ambiental, 0, , 220-227.	0.0	3
17	Desproporcionamento de tolueno sobre zeÃ³litas tipo mordenita <FONT FACE=Symbol>-</FONT> atividade e seletividade na obtenÃ§Ã£o de xilenos. Quimica Nova, 2000, 23, 303-306.	0.3	2
18	Estudo do desempenho catalÃtico das zeÃ³litas Beta e ZSM-5 contendo ferro para decomposiÃ§Ã£o de Ã³xido nitroso. Revista Materia, 2017, 22, .	0.2	1

#	Article	IF	Citations
19	Chemical conversion of NO and CO on catalysts based on cobalt or iron oxides.. Quimica Nova, 2014, 37, .	0.3	1
20	Copper loaded MCM-41. An alternative catalyst for NO reduction in exhaust gases? - Study of its acidic and redox properties. Studies in Surface Science and Catalysis, 2003, 146, 705-708.	1.5	0
21	<b>Steel waste used in reducing emissions of nitrous oxide. Acta Scientiarum - Technology, 2017, 39, 343.	0.4	0
22	DiminuiÃ§Ã£o do volume de lodo de estaÃ§Ã£o de tratamento de Ã¡guas usando leito de drenagem. Revista Thema, 2021, 19, 71-78.	0.1	0
23	CombustÃ£o catalÃ‡tica seletiva de acrilonitrila usando Ã³xidos de cobre, nÃquel e cÃ©rio. Revista Thema, 2021, 19, 390-399.	0.1	0