

Rodolfo Lba Medeiros

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

257
citations

1040056

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1199594

12
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docs citations

16
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351
citing authors

#	ARTICLE	IF	CITATIONS
1	NiO-MgAl ₂ O ₄ systems for dry reforming of methane: Effect of the combustion synthesis route in the catalysts properties. <i>Materials Chemistry and Physics</i> , 2022, 278, 125599.	4.0	2
2	Green synthesis with Aloe Vera of MgAl ₂ O ₄ substituted by Mn and without calcination treatment. <i>Research, Society and Development</i> , 2022, 11, e14411628873.	0.1	3
3	One-pot microwave-assisted combustion synthesis of Ni-Al ₂ O ₃ nanocatalysts for hydrogen production via dry reforming of methane. <i>Fuel</i> , 2021, 287, 119511.	6.4	31
4	Development of CuO-based oxygen carriers supported on diatomite and kaolin for chemical looping combustion. <i>Research, Society and Development</i> , 2021, 10, e15110412831.	0.1	2
5	Synthesis of alumina by microwave-assisted combustion method using low fuel content and its use as catalytic support for dry reforming of methane. <i>Materials Chemistry and Physics</i> , 2021, 264, 124408.	4.0	10
6	Synthesis and characterization of the ionic liquid 1-methyl-3-(2,6-(S)-dimethyloct-2-ene)-imidazol tetrafluoroborate. <i>Research, Society and Development</i> , 2021, 10, e393101018988.	0.1	0
7	A influência de Ni e Co suportados em diatomita brasileira para produção de H ₂ via reforma a seco do metano. <i>Research, Society and Development</i> , 2021, 10, e388101119729.	0.1	0
8	Evaluating the reactivity of CuO-TiO ₂ oxygen carrier for energy production technology with CO ₂ capture. <i>Research, Society and Development</i> , 2021, 10, e514101220596.	0.1	0
9	Recent advances (2016 - 2020) in green synthesis of metal oxide nanoparticles: An overview. <i>Research, Society and Development</i> , 2021, 10, e399101623406.	0.1	0
10	Double perovskite (La _{2-x} Ca _x)NiO ₄ oxygen carriers for chemical looping reforming applications. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 1681-1696.	7.1	21
11	Nickel-containing hybrid ceramics derived from polysiloxanes with hierarchical porosity for CO ₂ methanation. <i>Microporous and Mesoporous Materials</i> , 2019, 278, 156-166.	4.4	19
12	Study of the reactivity of Double-perovskite type oxide La _{1-x} M _x NiO ₄ (M=Ca or Sr) for chemical looping hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 1406-1414.	7.1	25
13	One-step synthesis of LaNiO ₃ with chitosan for dry reforming of methane. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9696-9704.	7.1	35
14	A comparative study of dry reforming of methane over nickel catalysts supported on perovskite-type LaAlO ₃ and commercial γ-Al ₂ O ₃ . <i>International Journal of Hydrogen Energy</i> , 2018, 43, 11022-11037.	7.1	51
15	Study of the reactivity by pulse of CH ₄ over NiO/Fe-doped MgAl ₂ O ₄ oxygen carriers for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 24823-24829.	7.1	11
16	Ni supported on Fe-doped MgAl ₂ O ₄ for dry reforming of methane: Use of factorial design to optimize H ₂ yield. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 14047-14057.	7.1	47