# Samsudeen Olajide Kasim

List of Publications by Year
in descending order

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|---|---|---|---|
| 32<br>papers | 754<br>citations | 516561<br>16<br>h-index | 552653<br>26<br>g-index |
| 33<br>all docs | 33<br>docs citations | 33<br>times ranked | 442<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In situ auto-gasification of coke deposits over a novel Ni-Ce/W-Zr catalyst by sequential generation of oxygen vacancies for remarkably stable syngas production via CO2-reforming of methane. Applied Catalysis B: Environmental, 2021, 280, 119445. | 10.8 | 104 |
| 2 | The effect of modifier identity on the performance of Ni-based catalyst supported on Î³-Al2O3 in dry reforming of methane. Catalysis Today, 2020, 348, 236-242. | 2.2 | 46 |
| 3 | Impact of ceria over WO3â€“ZrO2 supported Ni catalyst towards hydrogen production through dry reforming of methane. International Journal of Hydrogen Energy, 2021, 46, 25015-25028. | 3.8 | 44 |
| 4 | Promotional effect of magnesium oxide for a stable nickel-based catalyst in dry reforming of methane. Scientific Reports, 2020, 10, 13861. | 1.6 | 42 |
| 5 | Optimizing acido-basic profile of support in Ni supported La2O3+Al2O3 catalyst for dry reforming of methane. International Journal of Hydrogen Energy, 2021, 46, 14225-14235. | 3.8 | 39 |
| 6 | Catalytic methane decomposition over ZrO2 supported iron catalysts: Effect of WO3 and La2O3 addition on catalytic activity and stability. Renewable Energy, 2020, 155, 969-978. | 4.3 | 36 |
| 7 | Effect of Cerium Promoters on an MCM-41-Supported Nickel Catalyst in Dry Reforming of Methane. Industrial & Engineering Chemistry Research, 2022, 61, 164-174. | 1.8 | 33 |
| 8 | Enhanced coke suppression by using phosphate-zirconia supported nickel catalysts under dry methane reforming conditions. International Journal of Hydrogen Energy, 2019, 44, 27784-27794. | 3.8 | 32 |
| 9 | Hydrogen Production by Partial Oxidation Reforming of Methane over Ni Catalysts Supported on High and Low Surface Area Alumina and Zirconia. Processes, 2020, 8, 499. | 1.3 | 26 |
| 10 | Impact of Ce-Loading on Ni-catalyst supported over La2O3+ZrO2 in methane reforming with CO2. International Journal of Hydrogen Energy, 2020, 45, 33343-33351. | 3.8 | 25 |
| 11 | Catalytic Behaviour of Ce-Doped Ni Systems Supported on Stabilized Zirconia under Dry Reforming Conditions. Catalysts, 2019, 9, 473. | 1.6 | 24 |
| 12 | Influence of Nature Support on Methane and CO2 Conversion in a Dry Reforming Reaction over Nickel-Supported Catalysts. Materials, 2019, 12, 1777. | 1.3 | 23 |
| 13 | Role of Mixed Oxides in Hydrogen Production through the Dry Reforming of Methane over Nickel Catalysts Supported on Modified Î³-Al2O3. Processes, 2021, 9, 157. | 1.3 | 22 |
| 14 | Ce promoted lanthana-zirconia supported Ni catalyst system: A ternary redox system for hydrogen production. Molecular Catalysis, 2021, 504, 111498. | 1.0 | 22 |
| 15 | Influence of promoted 5%Ni/MCM-41 catalysts on hydrogen yield in CO<sub>2</sub>reforming of CH<sub>4</sub>. International Journal of Energy Research, 2018, 42, 4120-4130. | 2.2 | 21 |
| 16 | Dry Reforming of Methane Using Ce-modified Ni Supported on 8%PO4 + ZrO2 Catalysts. Catalysts, 2020, 10, 242. | 1.6 | 21 |
| 17 | Catalytic Performance of Lanthanum Promoted Ni/ZrO2 for Carbon Dioxide Reforming of Methane. Processes, 2020, 8, 1502. | 1.3 | 20 |
| 18 | Optimizing yttria-zirconia proportions in Ni supported catalyst system for H2 production through dry reforming of methane. Molecular Catalysis, 2021, 510, 111676. | 1.0 | 20 |

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|---|---|---|---|
| 19 | Ceria promoted phosphateâ€zirconia supported Ni catalyst for hydrogen rich syngas production through dry reforming of methane. International Journal of Energy Research, 2021, 45, 19289-19302. | 2.2 | 20 |
| 20 | Catalytic Performance of Metal Oxides Promoted Nickel Catalysts Supported on Mesoporous Î³-Alumina in Dry Reforming of Methane. Processes, 2020, 8, 522. | 1.3 | 18 |
| 21 | H2 Production from Catalytic Methane Decomposition Using Fe/x-ZrO2 and Fe-Ni/(x-ZrO2) (x = 0, La2O3,) Tj ETQq1 1 0.784314 rgBT /O | 1.6 | 17 |
| 22 | Combined Magnesia, Ceria and Nickel catalyst supported over Î³-Alumina Doped with Titania for Dry Reforming of Methane. Catalysts, 2019, 9, 188. | 1.6 | 16 |
| 23 | Iron catalyst for decomposition of methane: Influence of Al/Si ratio support. Egyptian Journal of Petroleum, 2018, 27, 1221-1225. | 1.2 | 14 |
| 24 | Nanosized Ni/SBA-15 Catalysts for CO2 Reforming of CH4. Applied Sciences (Switzerland), 2019, 9, 1926. | 1.3 | 14 |
| 25 | Methane Decomposition Over ZrO2-Supported Fe and Feâ€“Ni Catalystsâ€"Effects of Doping La2O3 and WO3. Frontiers in Chemistry, 2020, 8, 317. | 1.8 | 13 |
| 26 | Hydrogen Yield from CO2 Reforming of Methane: Impact of La2O3 Doping on Supported Ni Catalysts. Energies, 2021, 14, 2412. | 1.6 | 10 |
| 27 | Optimizing MgO Content for Boosting Î³-Al2O3-Supported Ni Catalyst in Dry Reforming of Methane. Catalysts, 2021, 11, 1233. | 1.6 | 8 |
| 28 | Dry Reforming of Methane with Ni Supported on Mechanically Mixed Yttria-Zirconia Support. Catalysis Letters, 2022, 152, 3632-3641. | 1.4 | 6 |
| 29 | Study of Partial Oxidation of Methane by Ni/Al2O3 Catalyst: Effect of Support Oxides of Mg, Mo, Ti and Y as Promoters. Molecules, 2020, 25, 5029. | 1.7 | 5 |
| 30 | Effect of Pressure on Na0.5La0.5Ni0.3Al0.7O2.5 Perovskite Catalyst for Dry Reforming of CH4. Catalysts, 2020, 10, 379. | 1.6 | 5 |
| 31 | Kaolin-Supported Ni Catalysts for Dry Methane Reforming: Effect of Cs and Mixed Kâ€“Na Promoters. Journal of Chemical Engineering of Japan, 2019, 52, 232-238. | 0.3 | 4 |
| 32 | Methane decomposition over strontium promoted iron catalyst: effect of different ratio of Al/Si support on hydrogen yield. Chemical Engineering Communications, 2020, 207, 1148-1156. | 1.5 | 4 |