

Andrew P E York

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,637
citations

686830

13
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

1739
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Brief Overview of the Partial Oxidation of Methane to Synthesis Gas. Topics in Catalysis, 2003, 22, 345-358. | 1.3 | 442 |
| 2 | A study of carbon deposition on catalysts during the partial oxidation of methane to synthesis gas. Catalysis Letters, 1993, 22, 299-305. | 1.4 | 263 |
| 3 | Methane Oxyforming for Synthesis Gas Production. Catalysis Reviews - Science and Engineering, 2007, 49, 511-560. | 5.7 | 200 |
| 4 | Dry reforming of methane to synthesis gas over supported molybdenum carbide catalysts. Catalysis Letters, 2000, 70, 117-122. | 1.4 | 148 |
| 5 | Molybdenum and tungsten carbides as catalysts for the conversion of methane to synthesis gas using stoichiometric feedstocks. Chemical Communications, 1997, , 39-40. | 2.2 | 111 |
| 6 | Effect of carburising agent on the structure of molybdenum carbides. Journal of Materials Chemistry, 2001, 11, 3094-3098. | 6.7 | 96 |
| 7 | Title is missing!. Catalysis Letters, 1999, 57, 65-69. | 1.4 | 93 |
| 8 | A Sustainable Catalyst for the Partial Oxidation of Methane to Syngas: Ni/Ca _{1-x} Sr _x TiO ₃ , Prepared In Situ from Perovskite Precursors. Angewandte Chemie International Edition in English, 1996, 35, 192-195. | 4.4 | 77 |
| 9 | Study on the mechanism of partial oxidation of methane to synthesis gas over molybdenum carbide catalyst. Physical Chemistry Chemical Physics, 2002, 4, 4549-4554. | 1.3 | 59 |
| 10 | Study on preparation of high surface area tungsten carbides and phase transition during the carburisation. Physical Chemistry Chemical Physics, 2002, 4, 3522-3529. | 1.3 | 38 |
| 11 | Title is missing!. Catalysis Letters, 2001, 71, 49-54. | 1.4 | 30 |
| 12 | Investigation of the oxygen storage capacity behaviour of three way catalysts using spatio-temporal analysis. Applied Catalysis B: Environmental, 2019, 258, 117918. | 10.8 | 16 |
| 13 | Title is missing!. Catalysis Letters, 2002, 83, 241-246. | 1.4 | 13 |
| 14 | Influence of molybdenum and tungsten dopants on nickel catalysts for the dry reforming of methane with carbon dioxide to synthesis gas. Studies in Surface Science and Catalysis, 1998, 119, 777-782. | 1.5 | 12 |
| 15 | High yield synthesis of propanal from methane and air. Catalysis Letters, 1992, 13, 341-347. | 1.4 | 9 |
| 16 | Methane partial oxidation to synthesis gas over bimetallic cobalt/tungsten carbide catalysts and integration with a Mn substituted hexaaluminate combustion catalyst. Catalysis Today, 2009, 147, 196-202. | 2.2 | 9 |
| 17 | Terahertz pulsed imaging as a new method for investigating the liquid transport kinetics of γ -alumina powder compacts. Chemical Engineering Research and Design, 2021, 165, 386-397. | 2.7 | 9 |
| 18 | Characterization and catalytic performance of Co, Ni and W trimetallic carbides. Reaction Kinetics and Catalysis Letters, 2005, 84, 21-28. | 0.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Non-PGM Iron Perovskite Three-Way Gasoline Emissions Control Catalysts: Kinetics, Reaction Mechanism and Catalyst Sizing Study. <i>Topics in Catalysis</i> , 2020, 63, 256-267. | 1.3 | 4 |
| 20 | 4D In-Situ Microscopy of Aerosol Filtration in a Wall Flow Filter. <i>Materials</i> , 2020, 13, 5676. | 1.3 | 2 |
| 21 | Operando Neutron Scattering: Following Reactions in Real Time Using Neutrons. <i>Topics in Catalysis</i> , 2021, 64, 693-698. | 1.3 | 1 |
| 22 | Operando XAFS investigation on the effect of ash deposition on three-way catalyst used in gasoline particulate filters and the effect of the manufacturing process on the catalytic activity. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 284001. | 0.7 | 1 |
| 23 | Characterization and catalytic performance of Co, Ni and W trimetallic carbides. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 84, 21-28. | 0.6 | 0 |
| 24 | A simple liquid state ¹ H NMR measurement to directly determine the surface hydroxyl density of porous silica. <i>Chemical Communications</i> , 2021, 57, 12804-12807. | 2.2 | 0 |