

Wahyu Bambang Widayatno

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7933127/publications.pdf>

Version: 2024-02-01

24
papers

618
citations

840119

11
h-index

794141

19
g-index

24
all docs

24
docs citations

24
times ranked

816
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Fast co-pyrolysis of low density polyethylene and biomass residue for oil production. Energy Conversion and Management, 2016, 120, 422-429. | 4.4 | 126 |
| 2 | Upgrading of bio-oil from biomass pyrolysis over Cu-modified β -zeolite catalyst with high selectivity and stability. Applied Catalysis B: Environmental, 2016, 186, 166-172. | 10.8 | 112 |
| 3 | Effect of biomass type on the performance of cogasification of low rank coal with biomass at relatively low temperatures. Fuel, 2014, 134, 414-419. | 3.4 | 77 |
| 4 | Promoting effect of various biomass ashes on the steam gasification of low-rank coal. Applied Energy, 2014, 133, 282-288. | 5.1 | 72 |
| 5 | Oil production from mild pyrolysis of low-rank coal in molten salts media. Applied Energy, 2015, 154, 944-950. | 5.1 | 39 |
| 6 | Steam reforming of tar derived from Fallopia Japonica stem over its own chars prepared at different conditions. Fuel, 2014, 132, 204-210. | 3.4 | 38 |
| 7 | Selective catalytic conversion of bio-oil over high-silica zeolites. Bioresource Technology, 2015, 179, 518-523. | 4.8 | 37 |
| 8 | Mg-modified ultra-stable Y type zeolite for the rapid catalytic co-pyrolysis of low-rank coal and biomass. RSC Advances, 2016, 6, 2096-2105. | 1.7 | 32 |
| 9 | Characteristics and photocatalytic activity of highly c-axis-oriented ZnO thin films. Journal of Sol-Gel Science and Technology, 2020, 96, 226-235. | 1.1 | 16 |
| 10 | Electrochemical performance of low concentration Al doped-lithium titanate anode synthesized via sol-gel for lithium ion capacitor applications. Journal of Energy Storage, 2020, 29, 101480. | 3.9 | 13 |
| 11 | Iron aluminide coating on Al by mechanical alloying. Surface Engineering, 2011, 27, 126-133. | 1.1 | 12 |
| 12 | Selective deoxygenation of carboxylic acids to BTXs over Cu/ β -zeolite prepared by ethylene glycol-assisted impregnation. Catalysis Communications, 2018, 110, 33-37. | 1.6 | 12 |
| 13 | Synthesis and Sinterability of Hydroxyapatite from Fishery by-products. Journal of the Korean Ceramic Society, 2018, 55, 570-575. | 1.1 | 12 |
| 14 | Effect of annealing temperature on the oxidation behavior of ferrosilicon-aluminum-coated low carbon steel by mechanical alloying. Journal of Alloys and Compounds, 2020, 821, 153493. | 2.8 | 6 |
| 15 | Kinetic study of methylene blue photocatalytic decolorization using zinc oxide under UV-LED irradiation. AIP Conference Proceedings, 2020, , . | 0.3 | 6 |
| 16 | Iron Aluminide Coating of Structural Steel by Mechanical Alloying Followed by Annealing. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2009, 56, 427-432. | 0.1 | 3 |
| 17 | Characterization of Sumbawa manganese ore and recovery of manganese sulfate as leaching products. AIP Conference Proceedings, 2018, , . | 0.3 | 3 |
| 18 | Analysis of aluminum base-reaction effect in density, porosity, and thermal insulation of porous fire bricks. AIP Conference Proceedings, 2018, , . | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Microstructure and oxidation behavior of an Al ₂ Ni ₃ Cr ₃ Cu ₃ MoO ₃ SiO ₂ composite coating on low-carbon steel. Materials Chemistry and Physics, 2021, 261, 124250. | 2.0 | 1 |
| 20 | In Situ Al ₂ O ₃ Composite Coating on Steel Substrate Prepared by Mechanical Alloying at High Temperature. Advanced Materials Research, 0, 896, 582-585. | 0.3 | 0 |
| 21 | The Orientation Study of Ba-Sr Hexaferrite Particles by Parallel Magnetic Field Press. Materials Science Forum, 0, 827, 223-228. | 0.3 | 0 |
| 22 | Effect of hot isostatic pressing method to enhance quality of tin powder. AIP Conference Proceedings, 2020, , . | 0.3 | 0 |
| 23 | Decolourization of methylene blue by NiO/ZSM-5 photocatalyst under UV-LED irradiation. AIP Conference Proceedings, 2020, , . | 0.3 | 0 |
| 24 | Two steps CrAlFeSi coating on low carbon steel prepared by mechanical alloying and its oxidation properties. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20200524. | 0.3 | 0 |