# Jagannath Pal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4128739/publications.pdf

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| 21 | 263 | 1040056 | 996975 |
|---|---|---|---|
| papers | citations | 9 | 15 |
| | | h-index | g-index |

| 21 | 21 | 21 | 114 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of Blaine Fineness on the Quality of Hematite Iron Ore Pellets for Blast Furnace. Mineral Processing and Extractive Metallurgy Review, 2015, 36, 83-91. | 5.0 | 43 |
| 2 | Development on Iron Ore Pelletization Using Calcined Lime and MgO Combined Flux Replacing Limestone and Bentonite. ISIJ International, 2014, 54, 2169-2178. | 1.4 | 36 |
| 3 | Development of Pellet-Sinter Composite Agglomerate for Blast Furnace. ISIJ International, 2014, 54, 620-627. | 1.4 | 25 |
| 4 | Innovative Development on Agglomeration of Iron Ore Fines and Iron Oxide Wastes. Mineral Processing and Extractive Metallurgy Review, 2019, 40, 248-264. | 5.0 | 23 |
| 5 | Development of Fluxed Iron Oxide Pellets Strengthened by CO2 Treatment for Use in Basic Oxygen Steel Making. ISIJ International, 2009, 49, 210-219. | 1.4 | 18 |
| 6 | Role of MgO and Its Different Minerals on Properties of Iron Ore Pellet. Transactions of the Indian Institute of Metals, 2016, 69, 1141-1153. | 1.5 | 16 |
| 7 | Mill scale as a potential additive to improve the quality of hematite ore pellet. Mineral Processing and Extractive Metallurgy Review, 2018, 39, 202-210. | 5.0 | 15 |
| 8 | Development of fluxed micropellets for sintering utilising iron oxide waste fines. Ironmaking and Steelmaking, 2013, 40, 498-504. | 2.1 | 11 |
| 9 | Performance Assessment of CO2 Treated Fluxed Iron Oxide Pellets in Basic Oxygen Steel Making Process. ISIJ International, 2010, 50, 105-114. | 1.4 | 11 |
| 10 | Development of carbon composite iron ore micropellets by using the microfines of iron ore and carbon-bearing materials in iron making. International Journal of Minerals, Metallurgy and Materials, 2015, 22, 132-140. | 4.9 | 10 |
| 11 | Blast Furnace Flue Dust as a Potential Carbon Additive in Hematite Ore Pellet. Mineral Processing and Extractive Metallurgy Review, 2022, 43, 633-647. | 5.0 | 9 |
| 12 | Performance Assessment of Partially Pre-fused Synthetic Flux in Basic Oxygen Steel Making. Journal of Iron and Steel Research International, 2015, 22, 916-923. | 2.8 | 8 |
| 13 | Development of Chromite Sinter from Ultra-Fine Chromite Ore by Direct Sintering. ISIJ International, 2014, 54, 559-566. | 1.4 | 7 |
| 14 | Effect of pyroxenite and olivine minerals as source of MgO in hematite pellet on improvement of metallurgical properties. Journal of Central South University, 2015, 22, 3302-3310. | 3.0 | 7 |
| 15 | Reaction Mechanism of In-situ Carbon in Hematite Ore Pellet during Induration. Mineral Processing and Extractive Metallurgy Review, 2022, 43, 40-54. | 5.0 | 6 |
| 16 | High Temperature Characterization of CO2 Treated Fluxed Pellets Developed for Basic Oxygen Steel Making. ISIJ International, 2009, 49, 1325-1332. | 1.4 | 5 |
| 17 | Dissolution Characteristics of CO<sub>2</sub>-Treated Fluxed Pellets in Hot Metal Bath. Mineral Processing and Extractive Metallurgy Review, 2011, 32, 229-246. | 5.0 | 4 |
| 18 | Effect of high Blaine iron ore fines in hematite ore pelletization for blast furnace. Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy, 2020, 129, 299-307. | 0.2 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development of blast furnace quality pellet optimising blue dust, hard ore and friable ore ratio. Ironmaking and Steelmaking, 2017, 44, 568-576. | 2.1 | 3 |
| 20 | Development of Prefused Synthetic Flux for Basic Oxygen Steel Making through Micro-Pelletization and Sintering of Iron Oxide Fines. Steel Research International, 2013, 84, 1115-1125. | 1.8 | 2 |
| 21 | Reduction Kinetics of Magnetite Concentrate Particles with H2 + CO at 1200 to 1600 Â°C Relevant to a Novel Ironmaking Process. , 2016, , 35-41. | | 0 |