

Longge Yan

List of Publications by Year in descending order

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9
papers

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1937685
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docs citations

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46
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| # | ARTICLE | IF | CITATIONS |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Electric Current Aligning Component Units during Graphene Fiber Joule Heating. <i>Advanced Functional Materials</i> , 2022, 32, 2103493. | 14.9 | 33 |
| 2 | Inclusion Removal in Molten Magnesium by Pulsed Electric Current. <i>ISIJ International</i> , 2020, 60, 815-822. | 1.4 | 11 |
| 3 | Achieving the Control of Nonmetallic Inclusions Morphology and Orientation by Electric Current. <i>Steel Research International</i> , 2020, 91, 1900465. | 1.8 | 5 |
| 4 | Obtaining a Smooth and Dense Interface Structure Between Al-C Nozzle Material and the Molten Steel Containing Rare Earth by Pulsed Electric Current. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2021, 52, 1603-1613. | 2.1 | 5 |
| 5 | Separation of Impurity Iron from Polysilicon by Pulsed Electric Current. <i>Jom</i> , 2020, 72, 4101-4108. | 1.9 | 3 |
| 6 | Intervening Interfacial Reaction Between Refractory and Rare Earth-Bearing Molten Steel by Pulsed Electric Current to Inhibit the Clogging of Submerged Entry Nozzle. <i>Jom</i> , 2021, 73, 3910-3919. | 1.9 | 3 |
| 7 | Realising carbide ultrafast homogenisation under pulsed electric current. <i>Materials Science and Technology</i> , 2022, 38, 689-702. | 1.6 | 3 |
| 8 | Improving the Intergranular Corrosion Resistance of Aged 316L Stainless Steel Heat Affected Zone by Electropulsing Beneath the Critical Temperature. <i>Jom</i> , 2021, 73, 3928-3940. | 1.9 | 2 |
| 9 | Electric Current Field-Assisted Inclusions Capture by Bubbles in Molten Steel. <i>Steel Research International</i> , 2020, 91, 2000036. | 1.8 | 0 |