

Heng Guo

List of Publications by Year in descending order

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263
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Direct plasma phosphorization of Cu foam for Li ion batteries. Journal of Materials Chemistry A, 2020, 8, 16920-16925. | 10.3 | 44 |
| 2 | Plasma Transforming Ni(OH) ₂ Nanosheets into Porous Nickel Nitride Sheets for Alkaline Hydrogen Evolution. ACS Applied Materials & Interfaces, 2020, 12, 5951-5957. | 8.0 | 48 |
| 3 | Collisionless adiabatic afterglow. Physics of Plasmas, 2020, 27, . | 1.9 | 2 |
| 4 | Non-equilibrium synergistic effects in atmospheric pressure plasmas. Scientific Reports, 2018, 8, 4783. | 3.3 | 17 |
| 5 | Effects of a modified cold atmospheric plasma jet treatment on resin-dentin bonding. Dental Materials Journal, 2018, 37, 798-804. | 1.8 | 21 |
| 6 | Numerical and Experimental Studies on the Interactions Between the Radio-Frequency Glow Discharge Plasma Jet and the Shielding Gas at Atmosphere. IEEE Transactions on Plasma Science, 2018, 46, 2766-2775. | 1.3 | 14 |
| 7 | <i>In situ</i> measurement of the two-dimensional temperature field of a dual-jet direct-current arc plasma. Review of Scientific Instruments, 2016, 87, 033502. | 1.3 | 18 |
| 8 | Three-Dimensional Non-equilibrium Modeling on the Characteristics of the Dual-Jet Direct-Current Arc Plasmas. Plasma Chemistry and Plasma Processing, 2015, 35, 75-89. | 2.4 | 10 |
| 9 | Bio-geological processes of nitrogen transport and transformation in the aeration zone and aquifer. Hydrological Sciences Journal, 2009, 54, 316-326. | 2.6 | 8 |