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Dr. Zhi Sun is a technical senior expert for critical raw materials recycling and cleaner production. He has lead more than 40 R&D funded projects, with 10 scientific and technological awards. He holds around 50 patents and has been working closely with industrial partners with a number of technologies being used. He is both members of China Solid State Lighting Alliance Standardization Committee and China Standardization Committee (TC294), as well as the vice director of spent battery recycling working group under SAC/TC297/SC4. He is corresponding author & co-author in 150 research papers, 3 books, 7 book chapters (6 of which are ESI highly cited papers). His research interests include: WEEE and spent battery recycling, criticality analyses of metal supply and cleaner production of critical raw materials.