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J. ZENG is a post-doc. in Center for Sustainable Future Technologies @POLITO, Istituto Italiano di Tecnologia, Italy. Her research activities have been mainly focused on carbon-based and metal oxide-based electrocatalysts toward oxygen (O<sub>2</sub>) reduction and carbon dioxide (CO<sub>2</sub>) reduction reactions with applications in Li-O<sub>2</sub> batteries, fuel cells and CO<sub>2</sub> conversion. During her career, J. Zeng has won the award of PHD “Fondazione De Nora” (awarded by the Society of Italian chemistry). She has participated in several EU projects (DURAMET grant n: 278054 and STABLE grant n°: 314508. Financial support from European Union FP7) and has been a guest scientist for a few weeks at EMPA (Dübendorf, Switzerland). She is first or corresponding author of 11 articles and co-author of 8 articles in international peer-reviewed journals with 313 citations and h-index of 10 (Scopus).