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Is a Corporate Fellow and the Head of the Electrification Section at Oak Ridge National Laboratory (ORNL) in Tennessee. He is also a professor at the Bredesen Center for Interdisciplinary Research and Graduate Education of the University of Tennessee Knoxville. Dr. Belharouak, with his 25-year expertise in lithium-ion batteries, leads multidisciplinary R&D programs sponsored by multiple government agencies and industries. The programs specifically target battery energy storage and advanced manufacturing. He is also an advisory board member for several U.S. universities and government agencies. Dr. Belharouak has received several awards, including 7 R&D 100 awards and four U.S. Federal Laboratory Consortium Awards. He has published over 200 peer-reviewed papers, 50 U.S. patents and patent applications, and 5 books. He is currently the Editor-in-Chief of the Journal of Power Sources.