February 2022/ VOL. 110/ NO. 2

REGULAR PAPERS ISSUE

224 AI-Based Reconstruction for Fast MRI—A Systematic Review and Meta-Analysis

By Y. Chen, C.-B. Schönlieb, P. Liò, T. Leiner, P. L. Dragotti, G. Wang, D. Rueckert, D. Firmin, and G. Yang

|CONTRIBUTED PAPER| This article provides a systematic review and the first meta-analysis to summarize the development of deep-learning-based compressed sensing-magnetic resonance imaging.

246 Soft, Wearable Robotics and Haptics: Technologies, Trends, and Emerging Applications

By M. Zhu, S. Biswas, S. I. Dinulescu, N. Kastor, E. Wright Hawkes, and Y. Visell |CONTRIBUTED PAPER| This article reviews recent developments in the vibrant and diverse research area of soft wearable robotics.

273 Detection Methods in Smart Meters for Electricity Thefts: A Survey

By X. Xia, Y. Xiao, W. Liang, and J. Cui

|CONTRIBUTED PAPER| This article surveys the electricity theft issue and the existing detection methods and provides insight for shaping future research directions.

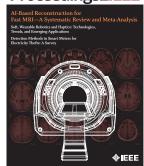
D E P A R T M E N T S

CONTENTS

222 SCANNING THE ISSUE

320 FUTURE SPECIAL ISSUE/SPECIAL SECTIONS

ProceedingsELEE



On the Cover:

This month's cover highlights an artist's rendition of an MRI machine which can yield images such as those occurring in its background.