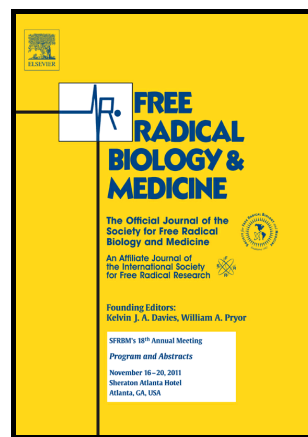


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Abbreviations: BSA, bovine serum albumin; CI, carbonylation index; DTDP, dithiodipyridine; DTT, dithiothreitol; ECL, enhanced chemiluminescence; F_{passive} , cardiomyocyte passive tension; HSP, heat shock protein; ISO, isolating solution; LV, left ventricular; MHC, myosin heavy chain; N2B, stiff titin isoform; N2BA, compliant titin isoform; PBS, phosphate-buffered saline; ROS, reactive oxygen species; SDS, sodium dodecyl sulfate; SH, sulfhydryl; sHSPs, small heat shock protein, SL, sarcomere length

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