# Animal Welfare

Volume 21 Supplement 2

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'Recent Advances in the Welfare of Livestock at Slaughter'

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This issue presents 21 papers including:

Human-animal relationships at red meat abattoirs

Evidence for pain in decapod crustaceans

Practical improvements for animal welfare at slaughter

Captive-bolt as a killing method for sheep

Electrical stunning in ostriches

Improving the poultry shackle line

Poster abstracts





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