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I. International Conference "Competitiveness of Agro-Food and Environmental Economy" - CAFEE 2018 -, Bucharest, Romania	
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III. A 29-a ediție a Târgului Internațional de Agricultură, Industrie alimentară și Ambalaje "AGROMALIM" 13-16 Septembrie 2018, Arad	
3	TEHNOLOGII ȘI SISTEME ACVACOLE RECIRCULANTE - O NOUĂ PROVOCARE LANSATĂ FERMIERILOR, Caba I.L., Laza E.A.
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6	Buletin informativ de costuri standard pentru lucrări mecanizate – arat, discuit, pregătit pat germinativ , ISBN 978-606-623-090-2, Editura Terra Nostra, Iași 2018;	Vlad C.,, Cujbescu Dan
7	Buletin informativ de costuri standard pentru semănat și lucrări de întreținere a solului , ISBN 978-606-623-091-9, Editura Terra Nostra, Iași 2018	Vlad C.,, Cujbescu Dan
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