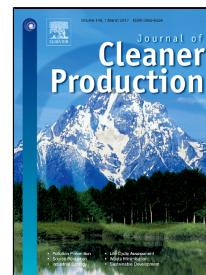


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Producing vaterite by CO<sub>2</sub> sequestration in the waste solution of chemical treatment of recycled concrete aggregates

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### Highlights

- A new method is proposed to produce vaterite from the waste solution of RCAs treatment.
- pH swing method is modified by an ionization suppressing technique.
- 1 kg RCA can produce 76.6 g vaterite and store 33.7 g CO<sub>2</sub>.

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