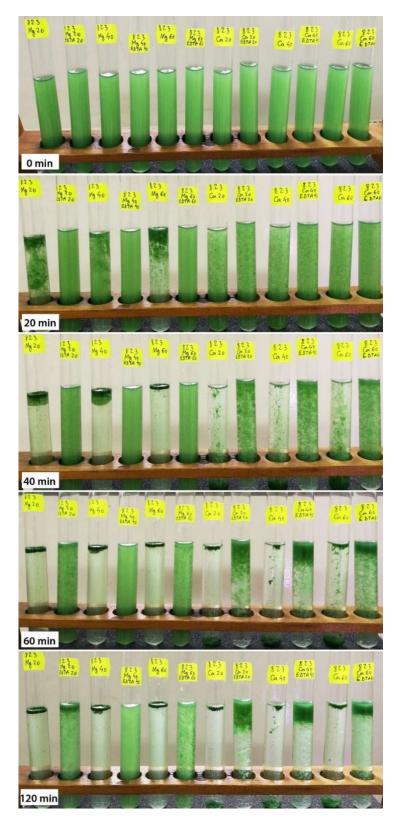
1	The impact of cation concentration on cyanobacterial scum formation
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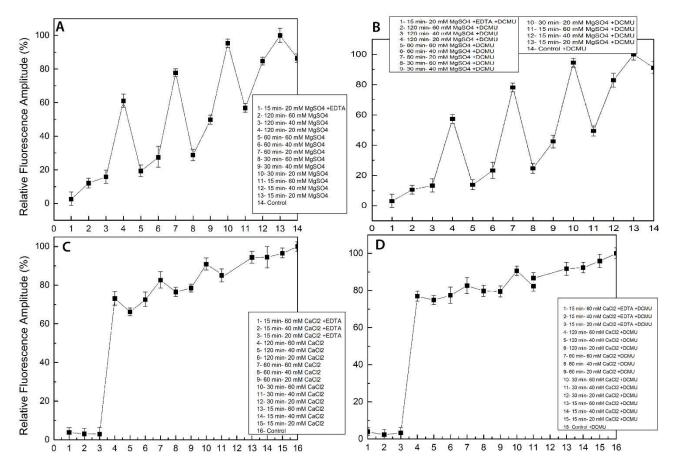
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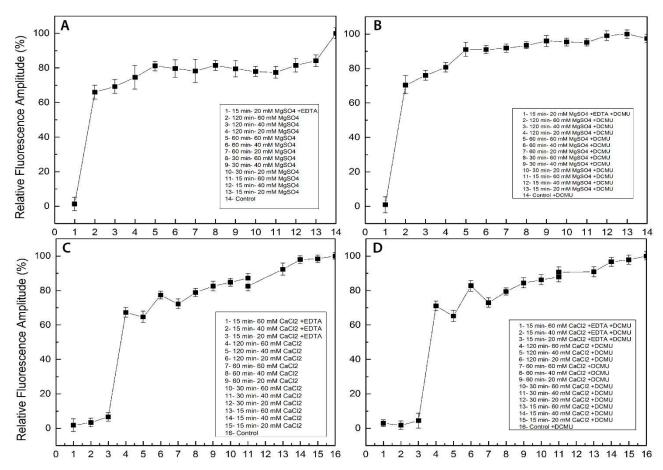


Suppl. Fig. S1 Sequential set of images of strain AICB 823 during the 120-minute experiment. Note that

- both Mg²⁺ and Ca²⁺ ions trigger the cell upwards migration, but Ca²⁺ causes the sinking of part of the cells.
- 32 EDTA prevents this phenomenon, but more in test tubes containing Mg²⁺



Suppl. Fig. S2 The effect of different ion concentrations on chlorophyll fluorescence in strain AICB 822. a: Mg²⁺ without DCMU; b: Mg²⁺ with DCMU; c: Ca²⁺ without DCMU; d: Ca²⁺ with DCMU. Data points represent independent measurements of strains undergoing different treatments, and they are shown as being connected only to better represent the differences between experiments



Suppl. Fig. S3 The effect of different ion concentrations on chlorophyll fluorescence in strain AICB 832. a: Mg²⁺ without DCMU; b: Mg²⁺ with DCMU; c: Ca²⁺ without DCMU; d: Ca²⁺ with DCMU. Data points represent independent measurements of strains undergoing different treatments, and they are shown as being connected only to better represent the differences between experiments

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