Title: Preparation and analysis of anodic aluminum oxide films with continuously tunable interpore distances

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Highlights

1, Interpore distances of AAO films can be continuously tunable using mixed citric/oxalic acids.
2, The tunable scope ranges from 100 to 750 nm which is comparable to wavelengths ranging from UV to near IR.
3, The change of interpore distances is finally ascribed to the different effective dissociation constant of the electrolyte