Supporting Information for

**Ultra-Rapid Crystallization of L-Alanine Using Monomode Microwaves, Indium Tin Oxide and Metal-Assisted and Microwave-Accelerated Evaporative Crystallization**

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<th>ITO film PL1 at 30 sec</th>
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**Fig. S1** Optical and SEM images of 5 cm ITO after exposure to continuous microwave heating using a conventional microwave oven at power level (PL) 1 and 10 for 30 sec and 5 min to determine the optimum microwave power level and duration for crystallization experiments without damaging ITO.
Fig. S2 Real-color photographs of (a) ITO film (4 cm diameter) damaged from microwave exposure due to charge build up in the ITO film and (b) ITO dots (5 mm) with no damage from microwaves. L-alanine crystals are clearly visible on ITO dots, which indicates ITO dots can be used with the MAMEC technique.

Fig. S3 Timed optical images of L-alanine crystals grown on iCrystal plates with ITO during exposure to monomode microwave heating. Each experiment in this study is repeated a minimum of three times. This figure demonstrates repeatability of the MA-MAEC technique.
Fig. S4 Real-color images of L-alanine crystals grown on the 21 wells of the iCrystal plates with ITO using a conventional microwave oven at power level (PL) 1 after the complete evaporation of the solvent.