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| References | Methodology | Chemicals | Deposition Conditions | | | Remarks | |
| Concentration | Speed | Pre heat | Band gap | Annealed temp |
| Proposed Work | Spin Coating | 1. Zinc acetate  dehydrate  2. Ethanol  3.Diethylamine  4.PEG(0.5gm) | 1.0 mol/L**/L** | 2000 rpm | No preheat | 3.1- 3.3  eV | 3000°C |
| Ref[21] | Sol-Gel | 1. Zinc acetate  dehydrate  2. Ethanol  3.Diethanolamine  4.PEG(0.5gm) | 1.0 mol/L |  | 50°C  for 1hr | Above 500°C | 1.0 mol/L |