### Best Research-Cell Efficiencies

#### Thin-Film Technologies
- CIGS (concentrator)
- CdTe
- Amorphous Si:H (stabilized)

#### Emerging PV
- Dye-sensitized cells
- Perovskite cells
- Perovskite/Si tandem (monolithic)
- Organic cells
- Organic tandem cells
- Inorganic cells (CZTSSe)
- Quantum dot cells (various types)
- Perovskite/CIGS tandem (monolithic)

#### Crystalline Si Cells
- Single crystal (non-concentrator)
- Multicrystalline
- Silicon heterostructures (HT)
- Thin-film crystal

#### Multijunction GaAs
- Single crystal
- Thin-film crystal

#### Single-Junction GaAs
- Single crystal
- Thin-film crystal

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**Graph Details**
- **X-axis:** Year (1975-2025)
- **Y-axis:** Cell Efficiency (%)
- **Legend:** Companies and technologies plotted over time.