

We collect data from over 42,400 photovoltaic devices with up to 100 parameters per device. We then develop open-source and accessible procedures to analyse the data, providing examples of ...

We present two automatically generated databases that contain photovoltaic properties and device material data for dye-sensitized solar cells (DSCs) and perovskite solar cells (PSCs),...

NREL develops data and tools for modeling and analyzing photovoltaic (PV) technologies. View all of NREL's solar-related data and tools, including more PV-related resources, or a selected list of PV data and tools below. Features data on the highest confirmed efficiencies for PV ...

Regional distribution of solar photovoltaics cell production worldwide in 2023, by country Premium Statistic Distribution of solar modules manufacturing capacity 2021, by country or region

This dataset contains voltage, current, power, energy, and weather data from low-voltage ...

Measurement(s) geographic location o power o photovoltaic system o solar power station Technology Type(s) digital curation o computational modeling technique Factor Type(s) installation ...

Here we extract all the meaningful device data from peer-reviewed papers on metal-halide perovskite solar cells published so far and make them available in a database. We collect data from...

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