Transparent, dip-coated silver nanowire electrodes for small molecule organic solar cells, *Organic Electronics*, S. 143–148, 2013

Fabricating Microlens Arrays by Surface Wrinkling. In: *Adv. Mater.*, S. 3238–3242, 2006

Flexible and mechanically stable antireflective coatings from nanoporous organically modified silica colloids. In: *Journal of Materials Chemistry*, S. 9671–9677, 2012

Solution-Processed Metal Nanowire Mesh Transparent Electrodes. In: *Nano Lett.*, S. 689–692, 2008

Photochromic Materials: More Than Meets The Eye. In: *Adv. Mater.*, S. 1–22, 2012

One-Step Index-Tunable Antireflection Coatings from Aggregated Silica Nanoparticles. In: Applied Materials & Interfaces, 2013

Fabrication of a Completely Transparent and Highly Flexible ITO Nanoparticle Electrode at Room Temperature. In: *Appl. Mater. Interfaces*, S. 164–172, 2013

Electrical and optical properties of hybrid transparent electrodes that use metal grids and graphene films S. 620-626

Structural and electrical properties of sputtering power and gas pressure on Tidope In2O3 transparent conductive films by RF magnetron sputtering. In: *Applied Surface Science*, 2013.

Crystallization of ITO and TiO2 by RF plasma treatment. In: *Vacuum*, S. 145–149, 2013

Size and composition-controlled fabrication of thermochromic metal oxide nanocrystals. In: *J. Phys. D: Appl. Phys.*, S. 1–6, 2013

Tunable near-infrared and visible-light transmittance in nanocrystal-in-glass composites. In: *Nature*, S. 323–327.

5D Data Storage by Ultrafast Laser Nanostructuring in Glass. In: *Optical Society of America*, 2013

Transparency and damage tolerance of patternable omniphobic lubricated surfaces based on inverse colloidal monolayers. In: *Nature Communications*, S. 1–10, 2013

Fabrication, electrical and optical properties of silver, indium tin oxide (ITO), and indium zinc oxide (IZO) nanostructure arrays. In: *Phys. Status Solidi A*, S. 1–8, 2013

Effect of growth interruption on the crystalline quality and electrical properties of Ga-doped ZnO thin film deposited on guartz substrate by magnetron sputterina.

In: Thin Solid Films, S. 282–285, 2013

Surfaces with Combined Microscale and Nanoscale Structures: A Route to Mechanically Stable Superhydrophobic Surfaces? In: Langmuir, S. 3765-3772, 2013

Microstructural and chemical variation of TiO2 electrodes in DSSCs after ethanol vapour treatment In: Materials Science and Engineering: B 178, 71 - 76, (2013).

Soft-Landing Electrospray Deposition of the Ruthenium Dye N3 on Au(111) In: The Journal of Physical Chemistry C 117, 9734–9738, (2013).

Elastic Response of Graphene Nanodomes In: ACS Nano 7, 2927, (2013).

Determining Adsorption Geometry, Bonding, and Translational Pathways of a Metal-Organic Complex on an Oxide Surface: Co-Salen on NiO(001) In: J. Phys. Chem. C 117, 1105-1112, (2013).

Efficient planar heterojunction perovskite solar cells by vapour deposition In: Nature 501, 395-398, (2013).

Efficient Hybrid Solar Cells Based on Meso-Superstructured Organometal Halide Perovskites

In: Science 338, 643-647, (2012).