Stanford

Asrar Alam

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Bio

BIO

I am a dynamic and internationally experienced individual with over 8 years of diverse research experience in electronics & communication, printed electronics and nanoscience and technology.

I graduated with a PhD degree at Department of Flexible and Printable Electronics, Jeonbuk National University, Jeonju, Republic of Korea. During my PhD I worked for the development of of Electrode Materials for Supercapacitor, sensor and Electrochromic Devices".

Specialized in various nanomaterials synthesis techniques such as hydrothermal, room temperature synthesis, solvothermal, electrodeposition and ultrasonication. Furthermore, have extensive hands-on experience on operation of XRD, FESEM and electrochemical workstation.

My skill set extends beyond the laboratory, encompassing adeptness in strategic planning, impactful presentations and scientific writing.
Presently, I contribute my expertise as an industrial postdoctoral researcher at KTH Royal Institute of Technology and Mycronic, Sweden.
My job is to focus microfabrication technology utilizing AJA evaporator, MLA-150, photolithography and reactive ion etching. Currently, I fabricated my electrochemical transistor with 1.25, 2.5, 5 and 10 micrometer channel length. I am also enjoying the facilities provided by Stanford University for neuromorphic characterizations.
I am eagerly seeking fresh opportunities within the realms of R&D and academia.

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