

Nano- and micro-sized materials as sensors and functional materials

نانومواد و میکرو مواد به عنوان حسگرها و مواد کاربردی

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Mechanics, Materials & *in situ* Instrumentation
Experimental & Numerical



EDUCATION

- 1 2012 - 2016 | **PhD**, INSA-Lyon, France
Mechanical engineering
- 2 2006 - 2012 | **Engineering degree**, Université de Technologie de Compiègne, France
Mechanical engineering; Major specialty: « Materials and Technological Innovation »
- 3 2003 - 2006 | **High School diploma**, Al-Hidaya Al-Khalifia School, Bahrain
Scientific option

یکشنبه ۳ بهمن ساعت ۱۷:۰۰



AWARDS

- 1 2006 | **Scholarship for engineering degree in France**, Ahmed Mansoor Al-A'ali Group
- 2 2012 | **Scholarship for PhD degree in France**, Carnot Institute Ingénierie@Lyon (I@L)



SKILLS

Classes of materials

- ✓ Steels
- ✓ Polymer nanocomposites
- ✓ Colloidal suspensions of semiconductor nanoparticles (quantum dots)
- ✓ Thin films of metallic supracrystals
- ✓ Glasses with temperature-sensitive micro-diamonds
- ✓ Thin plates of metallic glasses

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