

Special Issue

Application of X-Ray Photoelectron Spectroscopy

Message from the Guest Editor

We are therefore interested in articles that investigate materials by means of X-ray photoelectron spectroscopy with particular attention on quantitative analyses. Potential topics include, but are not limited to, the following:

- Hard thin-film materials for aeronautical applications;
- Antimicrobial and antifungal layers/multilayers for human health;
- Studies of the complex compound FeTi₂O₅ (iron-psudodobrookite) after annealing in inert environmental as well as oxidative atmospheres;
- Ceramic oxides doped with metal nanoparticles: the new frontiers of ceramic conductors;
- Composite materials (reinforced with fibers) for advanced applications in the field of transport;
- Novel findings about depth profiling measurements by employing an in situ cluster ion gun;
- Investigations on the surface properties of recycled materials in the field of renewable energy sources;
- Different areas of application and critical analysis relating to substitution techniques of X-ray photoelectron spectroscopy (XPS).

Guest Editor

Dr. Luciana Mirenghi

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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