

Publications List - Jürg Osterwalder

(as of September 28, 2020)

Articles in Peer Reviewed Journals

1. "XPS Studies of the Valence Band and of the 4f and 3d Levels of Ce Hydrides",
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2. "X-Ray Photoelectron Spectroscopy Studies of the Electronic Structure of the Dihydrides and Trihydrides of Lanthanum and Cerium",
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4. "Variation of the Order-Disorder Phase Transition and of the Magnetic Ordering with Deuterium Concentration in CeD_x ($2.2 \leq x \leq 3.0$)",
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5. "On the Interpretation of Valence Band Photoemission Spectra of NiO",
S. Hufner, F. Hulliger, **J. Osterwalder** and T. Riesterer, Solid State Commun. 50, 83 (1984).
6. "The Electronic Structure of $Zr(V_{1-x}Cr_x)_2$ Laves Phase Compounds and their Hydrides Studied by Photoelectron Spectroscopy",
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7. "X-Ray Photoemission Study of the Electronic Structure of Praseodymium Hydride",
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9. "UV Inverse Photoemission from Cerium and its Hydrides",
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11. "Photoemission and Inverse Photoemission Spectroscopy of NiO",
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12. "Is Eu_2O_3 Intermediate Valent ?",
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13. "UV Inverse Photoemission Study of the Empty Density of States of the Dihydrides of Yttrium, Lanthanum and Cerium",
J. Osterwalder, T. Riesterer and L. Schlapbach, J. Less-Common Met. 111, 295 (1985).
14. "Hydrogen-Induced Change in the 4f-Localization in CeRu₂ Studied with X-Ray Photoemission Spectroscopy",
J. Osterwalder, T. Riesterer, L. Schlapbach, F. Vaillant and D. Fruchart, Phys. Rev. B 31, 8311 (1985).

15. "On the Electronic Structure of the Light Rare Earth Hydrides",
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16. "Inverse Photoemission from PdH_{0.65}",
T. Riesterer, **J. Osterwalder** and L. Schlapbach, Phys. Rev. B 32, 8405 (1985).
17. "Single-Scattering-Cluster Description of Substrate X-ray Photoelectron Diffraction and its Relationship to Kikuchi Bands",
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18. "X-ray Photoelectron Diffraction at High Angular Resolution",
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19. "Surface Structures for the O/Ni(001) System from c(2x2) to Saturated NiO",
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21. "Evidence for a High-Temperature Short-Range-Magnetic-Order Transition in MnO(001)",
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30. "Polarity Determination on the HgCdTe (111) Surface by Azimuthal X-Ray Photoelectron Diffraction Experiments",
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36. "Electron diffraction from ordered and disordered AuCu₃(001)", A. Stuck, **J. Osterwalder** and L. Schlapbach, Surf. Sci. 251/252, 670 (1991).
37. "Experimental Full-Solid-Angle Substrate Photoelectron Diffraction Data at 1keV Energy: Implications for Photoelectron Holography", **J. Osterwalder**, T. Greber, A. Stuck and L. Schlapbach, Phys. Rev. B 44, 13764 (1991).
38. "Enhanced plasmon-loss emission along Al(011) chains upon heating", T. Greber, **J. Osterwalder**, S. Hufner and L. Schlapbach, Phys. Rev. B 44, 8958 (1991).
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