

Publikationen 2000

Aggour, M.; Lewerenz, H.J.; Klaer, J.; Störkel, U.:

Electrochemical Processing of Surface Layers on CuInS_2 Thin Film Solar Cell Absorbers

Electrochem. Solid-State Lett., 3 (2000) 399-402

Alonso-Vante, N.; Bogdanoff, P.; Tributsch, H.:

On the Origin of Selectivity of Oxygen Reduction of Ruthenium Containing Electrocatalysts in Methanol Containing Electrolyte

J. Catalysis, 190 (2000) 240-246

Aroutiounian, V. M.; Ghoolinian, M. Zh.; Tributsch, H.:

Fractal model of a porous semiconductor

Appl. Surface Science, 162-163 (2000) 122-132

Aroutiounian, V. M.; Ghoolinian, M. Zh.; Tributsch, H.:

Fractal model of a porous semiconductor

Appl. Surface Science, 162-163 (2000) 122-132

Beck, M.E.; Weiss, T.; Fischer, D.; Fiechter, S.; Jäger-Waldau, A.; Lux-Steiner, M. Ch.:

Structural analysis of $\text{Cu}_{1-x}\text{Ag}_x\text{GaSe}_2$ bulk materials and thin films

Thin Solid Films, 361-362 (2000) 130-134.

Bisquert, J.; Garcia-Belmonte, G.; Fabregat-Santiago, F.; Ferriols, N.S.; Bogdanoff, P.; Pereira, E.C.:

Doubling Exponent Models for the Analysis of Porous Film Electrodes by Impedance

J. Phys.Chem. B, 104 (2000) 2287

Danzenbächer, S.; Molodtsov, S.L.; Koepernik, K.; Tomm, Y.; Laubschat, C.:

Electronic structure of TiSe_2 and TiSe_2 intercalated with Eu

Molecular crystals and liquid crystals, 341 (2000) 45-50

Grzanna, J.; Jungblut, H.; Lewerenz, H.J.:

A model for electrochemical oscillations at the Si | electrolyte contact
Part I. Theoretical development

J. Electroanal. Chem., 486 (2000) 181-189

Grzanna, J.; Jungblut, H.; Lewerenz, H.J.:

A model for electrochemical oscillations at the Si | electrolyte contact
Part II. Simulations and experimental results

J. Electroanal. Chem., 486 (2000) 190-203

[HMI Solarenergieforsch.](#)

[Solare Energetik](#)

[Publikationen](#)

Listen: 1997-2002

[Jahrgang 2002](#)

[Jahrgang 2001](#)

[Jahrgang 2000](#)

[Jahrgang 1999](#)

[Jahrgang 1998](#)

[Jahrgang 1997](#)

Gunst, S.; Klein, A.; Jaegermann, W.; Tomm, Y.; Crawack, H.J.; Jungblut, H.:
Intercalation and deintercalation of transition metal dichalcogenides:
nanostructuring of intercalated phases by scanning probe microscopy
Ionics, 6 (2000) 180-186

Gunst, S.; Klein, A.; Jaegermann, W.; Tomm, Y.; Crawack, H.J.; Jungblut, H.:
Intercalation and deintercalation of transition metal dichalcogenides:
nanostructuring of intercalated phases by scanning probe microscopy
Ionics, 6 (2000) 180-186

Herm D.; Von Aichberger S; Kunst M.:
The influence of doping on charge carrier transport in a-Si:H.
Solar Energy Materials & Solar cells, 66 (2001) 195-201.

Hinze, J.; Ellmer, K.:
In situ Measurement of Mechanical Stress in Thin Polycrystalline Zinc Oxide Films
Prepared by Magnetron Sputtering
J. Appl. Phys., 88 (2000) 2443-2450

**Hoffmann, P.; Mikalo, R.P.; Batchelor, D.; Beuckert, G.; Schmeißer, D.; Kittler, M.;
Ourmazd, A.; Lewerenz, H.J.:**
Solare Energieumwandlung in dünnen Schichten
Forum der Forschung, Wissenschaftsmagazin der BTU Cottbus, 5 (2000) 16

Hunger, R.; Su, D.; Krost, A.; Ellmer, D.; Lewerenz, H.J.; Scheer, R.:
Structure of extended defects in epitaxial $\text{CuInS}_2/\text{Si}(111)$
Thin Solid Films, 361-362 (2000) 437-442

Jungblut, H; Lewerenz, H.J.:
Photo-induced ultrathin electropolishing layers on silicon: formation, composition
and structural properties
Appl. Surf. Sci., 168 (2000) 194-197

Lewerenz, H.J.; Jungblut, H.; Rauscher, S.:
Surface analysis of the electropolishing layer on Si(111) in ammonium fluoride
solution
Electrochimica acta, 45 (2000) 4615-4627

Licht, S.; Wang, B.; Mukerji, S.; Soga, T.; Umeno, M.; Tributsch, H.:
Efficient Solar Water Splitting, Exemplified by RuO_2 -Catalyzed AlGaAs/Si
Photoelectrolysis
J. Phys. Chem. B, 104 (2000) 8920-8924

Löher, T.; Tomm, Y.; Pettenkofer, C.; Klein, A.; Jaegermann, W.:
Structural dipoles at interfaces between polar II-VI semiconductors CdS and CdTe
and non-polar layered transition metal dichalcogenide semiconductors MoTe_2 and
 WSe_2
Semicond. Sci. Technol. 15 (2000) 514-522

Neitzert H.C.; Fang R.; Kunst M; Layadi N.:
 CH_4/H_2 reactive ion etching induced damage of InP
J.Vac.Sci.Technol.B, 18 (2000) 2803-2807

Nespurek S.; Herden V.; Kunst M.; Schnabel W.:

Microwave photoconductivity and polaron formation in poly[methyl(phenyl)silylene]
Synthetic Metals 109 (2000) 309-313

Rojas-Chapana, J. A.; Tributsch, H.:

Bio-Leaching of Pyrite accelerated by Cysteine
Process Biochemistry 35 (2000) 815-824

Rojas-Chapana, J. A.; Tributsch, H.:

Bio-Leaching of Pyrite accelerated by Cysteine
Process Biochemistry 35 (2000) 815-824

Rudolph, R.; Tomm, Y.; Pettenkofer, C.; Klein, A.; Jaegermann, W.:

Van der Waals Xenotaxy: oriented growth of hexagonal GaSe (0001) on
rectangular GaAs (110)
Appl. Phys. Lett. 76 (9) (2000) 1101-1103

Sanders, A.; Hahneise, r O.; von Aichberger, S; Kunst, M.:

The influence of the surface on charge carrier transport in GaAs.
Solar Energy Materials & Solar cells, 65 (2001) 119-124.

Schulenburg, H.; Tributsch, H.:

Electropassivation of Silicon and Bulk Lifetime Determination with Dry Polymer
Contact
J. Physics D: Applied Physics 33 (2000) 851-858

**Sperling, J.; Abdul-Redah, T.; Streffer, R.M.F.; Chatzidimitriou-Dreismann, C.A.;
Tributsch, H.:**

Electrolytic water splitting: Indications for the existence of protonic quantum
interferences
Phys. Chem. Chem. Phys. 2 (2000)

Störkel, U.; Aggour, M.; H.J. Lewerenz:

Surface Chemistry and Electrochemistry of CuInS₂ Thin Film Electrodes
Recent Research Developments in Electro Analytical Chemistry, Transworld
Research Network, India (2000)

Störkel, U.; Aggour, M.; Lewerenz, H.J.:

Surface Chemistry and Electrochemistry of CuInS₂ Thin Film Electrodes
Recent Res. Devel. Electroanal. Chem. 2 (2000) 47-62

Tomm, Y.; Reiche, P.; Klimm, D.; Fukuda, T.:

Czochralski grown Ga₂O₃ crystals
Journal of Crystal Growth 220 (2000) 510-514

Tributsch, H.:

Hydrogen and Chemicals from Solar Energy: The Quest for High-Efficiency
Strategies.
Proceedings des 13th World Hydrogen Energy Conference "H2000" in Beijing
China (June 11-15, 2000), eds. Z. Q. Mao and T. N. Veziroglum, Hydrogen Energy
Progress XIII, I (2000) 69-74

Tributsch, H.:

Light Driven Proton Pumps

International Journal of Ionics, the science and technology of ionic motion (eds. W. F. Chu, W. Weppner) Ionics, 6, nos. 3&4, (2000) 161-171

Tributsch, H.:

Light Driven Proton Pumps

International Journal of Ionics, the science and technology of ionic motion (eds. W. F. Chu, W. Weppner) Ionics, 6, nos. 3&4, (2000) 161-171

Tributsch, H.; Bron, M.; Hilgendorff, M.; Schulenburg, H.; Dorbandt, I.; Eyert, V.; Bogdanoff, P.; Fiechter.:

Methanolresistent cathodic oxygen reduction catalysis for methanol fuel cell
J Appl. Electrochem., (2000)

Tributsch, H.; Rojas-Chapana, J. A.:

Metal Sulfide Semiconductor Electrochemical Mechanisms Induced by Bacterial Activity

Electrochimica Acta, 45 (2000) 4705-4716

Tributsch, H.; Rojas-Chapana, J. A.:

Metal Sulfide Semiconductor Electrochemical Mechanisms Induced by Bacterial Activity

Electrochimica Acta, 45 (2000) 4705-4716

Tsirlina, T.; Lyakhovitskaya, V.; Fiechte, S.; Tenne, R.:

Study on preparation, growth mechanism and optoelectronic properties of highly oriented WSe₂ thin films

J. Mater. Res., 15 (2000) 2636-2646

Ulrich, B.; Tomm, J.W.; Duschkina, N.; Tomm, Y.; Sakai, H.; Segawa, Y.:

Photoelectric dichroism of oriented thin film CdS fabricated by pulsed-laser deposition

Solid State Comm., 116 (2000) 33-35

von Aichberger, S; Feist, H.; Löffler, J; Kunst, M.:

In situ monitoring of the deposition of a-Si:H/c-Si heterojunctions by transient photoconductivity measurements.

Solar Energy Materials & Solar Cells, 65 (2001) 417-422

von Aichberger, S; Schieck, R; Kunst, M.:

Study and characterization of heterojunctions for photovoltaic applications by contactless methods

Solar Energy Materials & Solar cells, 65 (2001) 111-117.

Letzte Änderung: 25.08.2004 , Verantwortlich: [Webmaster SE5](#)

