

H. Föll: List of Publications - Continuation

Fifth Installment: Running Number 241 - 300

Below is the fifth installment of my publication list: No 241 - 300. And no, it's still not over, sorry. Continue per link at the top or bottom.

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241. J. [Carstensen](#), [E. Foca](#), [S. Keipert](#), [H. Föll](#), [M. Leisner](#), and [A. Cojocar](#), "New modes of FFT impedance spectroscopy applied to semiconductor pore etching and materials characterization", Phys. Stat. Sol. (a) 205(11), 2485 (2008). (31 citations)
This is actually one of our more important publications; I believe
242. [U. Hofmann](#), [M. Oldsen](#) and [H.-J. Quenzer](#), and [B. Wagner](#), "Wafer-level vacuum packaged resonant micro-scanning mirrors for compact laser projection displays", in SPIE Conference Vol. 6887, MOEMS and Miniaturized Systems, to be published (2008).
243. [D. Kieven](#), [T. Dittrich](#), [A. Belaidi](#), [J. Tornow](#), [K. Schwarzburg](#), [N. Allsop](#), and [M. Lux-Steiner](#), "Effect of internal surface area on the performance of ZnO/ In₂S₃ /CuSCN solar cells with extremely thin absorber", Appl. Phys. Lett. 92, 153107 (2008).
244. [J. Tornow](#), [K. Ellmer](#), [J. Szarko](#), and [K. Schwarzburg](#), "Voltage bias dependency of the space charge capacitance of wet chemically grown ZnO nanorods employed in a dye sensitized photovoltaic cell", Thin Solid Films, in press (2008).
245. [A. Belaidi](#), [T. Dittrich](#), [D. Kieven](#), [J. Tornow](#), [K. Schwarzburg](#), [M. Kunst](#), [N. Allsop](#), [M. Lux-Steiner](#), and [S. Gavrilov](#), "ZnO nanorod arrays for solar cells with extremely thin sulfuric absorber", Sol. Ener. Mater. Sol. Cells, submitted (2008).
246. [M. Kasemann](#), [W. Kwapil](#), [M.C. Schubert](#), [H. Habenicht](#), [B. Walter](#), [M. The](#), [S. Kontermann](#), [S. Rein](#), [O. Breitenstein](#), [J. Bauer](#), [A. Lotnyk](#), [B. Michl](#), [H. Nagel](#), [A. Schütt](#), [J. Carstensen](#), [H. Föll](#), [T. Trupke](#), [Y. Augarten](#), [H. Kampwerth](#), [R.A. Bardos](#), [S. Pingel](#), [J. B](#) "Spatially Resolved Silicon Solar Cell Characterization using Infrared Imaging Methods", in Proceedings of the 31st IEEE Photovoltaic Specialists Conference, , San Diego, CA, USA (2008). (24 citations)
247. void
248. [M. Leisner](#), [J. Carstensen](#), [A. Cojocar](#), and [H. Föll](#), "In-situ FFT impedance spectroscopy during the growth of crystallographically oriented pores in InP", ECS Transactions, Volume 16, Number 3 (16 citations)
249. [A. Cojocar](#), [J. Carstensen](#), and [H. Föll](#), "Growth modes of macropores in n-type silicon", ECS Transactions, Volume 16, Number 3 (9 citations)
250. [E.K. Ossei-Wusu](#), [A. Cojocar](#), [J. Carstensen](#), [M. Leisner](#), and [H. Föll](#), "Etching deep macropores in n-type silicon in short times", ECS Transactions, Volume 16, Number 3 (8 citations)
251. [J. Carstensen](#), [A. Cojocar](#), [M. Leisner](#), and [H. Föll](#), "In-situ assessment of macropore growth in low-doped n-type silicon", ECS Trans., submitted (2008).
252. [J. Carstensen](#), [A. Schütt](#), and [H. Föll](#), "Modelling of the distributed serial grid resistance: verification by CELLO measurements and generalization to other resistance mapping tools", in Proceedings of the 23rd European Photovoltaic Solar Energy Conference, 1CV.1.38, Valencia (2008) (5 citations)
253. [J. Carstensen](#), [A. Schütt](#), and [H. Föll](#), "CELLO measurements with FFT impedance analysis: Drastic increase of measurement speed for analysis of local solar cell defects", in Proceedings of the 23rd European Photovoltaic Solar Energy Conference, 1AO.6.1, Valencia (2008)
254. [M. Kasemann](#), [W. Kwapil](#), [B. Walter](#), [J. Giesecke](#), [B. Michl](#), [M. The](#), [J.-M. Wagner](#), [J. Bauer](#), [A. Schütt](#), [J. Carstensen](#), [S. Kluska](#), [F. Granek](#), [H. Kampwerth](#), [P. Gundel](#), [M.C. Schubert](#), [R.A. Bardos](#), [H. Föll](#), [H. Nagel](#), [P. Würfel](#), [T. Trupke](#), [O. Breitenstein](#), [M. Herle](#), [W. Warta](#), and [S.W. Glunz](#), "Progress in silicon solar cell characterization with infrared imaging methods", in Proceedings of the 23th European Photovoltaic Solar Energy Conference, 2DP.2.3, Valencia (2008). (24 citations)
255. [B. Michl](#), [M. Kasemann](#), [J. Giesecke](#), [M. Glatthaar](#), [A. Schütt](#), [J. Carstensen](#), [H. Föll](#), [S. Rein](#), [W. Warta](#), and [H. Nagel](#), "Application of luminescence imaging based series resistance measurement methodes in an industrial

- environment", in Proceedings of the 23th European Photovoltaic Solar Energy Conference, 2DO.2.51, Valencia (2008).
256. U. Gösele and H. Föll, "Volker Lehmann: An unconventional scientist", ECS Trans. 16(3), 7 (2008). (4 citations)
 257. M. Leisner, J. Carstensen, A. Cojocaru, and H. Föll, "In-situ FFT impedance spectroscopy during the growth of crystallographically oriented pores in InP", ECS Trans. 16(3), 133 (2008).
 258. A. Cojocaru, J. Carstensen, and H. Föll, "Growth modes of macropores in n-type silicon", ECS Trans. 16(3), 157 (2008).
 259. E.K. Ossei-Wusu, A. Cojocaru, J. Carstensen, M. Leisner, and H. Föll, "Etching deep macropores in n-type silicon in short times", ECS Trans. 16(3), 109 (2008). (8 citations)
 260. J. Carstensen, A. Cojocaru, M. Leisner, and H. Föll, "In-situ assessment of macropore growth in low-doped n-type silicon", ECS Trans. 16(3), 21 (2008).
 261. P. Schmuki, H. Föll, U. Gösele, J.J. Kelly, D.J. Lockwood, and Y.H. Ogata (Eds.), "Porous Semiconductors: A Symposium Held in Memory of Vitali Parkhutik and Volker Lehmann", ECS Trans. 16(3) (2008). Not a real publication
 262. E. Foca, V.V. Sergentu, F. Daschner, I.M. Tiginyanu, R. Knöchel, and H. Föll, "Superlensing with plane plates consisting of dielectric cylinders in glass envelopes", phys. stat. sol. (a) 206(1), 140 (2009).
 263. H. Föll, M.-D. Gerngross, A. Cojocaru, M. Leisner, J. Bahr, and J. Carstensen, "How to make single small holes with large aspect ratios", Phys. Stat. Sol. (RRL) 3(2), 55 (2009). (6 citations)
 264. H. Föll, M. Leisner, A. Cojocaru, and J. Carstensen, "Self-organization phenomena at semiconductor electrodes", Electrochim. Acta 55(2), 327 (2009). 32 citations)
 265. H. Föll, M. Leisner, J. Carstensen, and P. Schauer, "Growth mode transition of crystal and curved pores in III-V semiconductors", ECS Trans. 19(3), 329 (2009). 9 citations)
 266. M.-D. Gerngross, H. Föll, A. Cojocaru, and J. Carstensen, "Production of high aspect ratio single holes in semiconductors", ECS Trans. 19(3), 347 (2009).
 267. J. Carstensen, A. Cojocaru, M. Leisner, and H. Föll, "Dynamics of macropore growth in n-type silicon investigated by FFT in-situ impedance analysis", ECS Trans. 19(3), 355 (2009).
 268. M. Leisner, J. Carstensen, and H. Föll, "Simulating crystallographic pore growth on III-V semiconductors", ECS Trans. 19(3), 321 (2009). (12 citations)
 269. J. Carstensen, H. Föll, A. Cojocaru, and M. Leisner, "In-situ FFT impedance spectroscopy in new modes applied to pore growth in semiconductors", Phys. Stat. Sol. (c) 6(7), 1629 (2009).
 270. A. Cojocaru, J. Carstensen, M. Leisner, H. Föll, and I.M. Tiginyanu, "Self-induced oscillation of the macropore diameter in n-type silicon", Phys. Stat. Sol. (c) 206(7), 1533 (2009). 6 citations)
 271. A. Cojocaru, J. Carstensen, E.K. Ossei-Wusu, M. Leisner, O. Riemenschneider, and H. Föll, "Fast macropore growth in n-type silicon", Phys. Stat. Sol. (c) 206(7), 1571 (2009). 13 citations)
 272. M. Leisner, J. Carstensen, A. Cojocaru, and H. Föll, "Pore growth on n-InP investigated by in situ FFT impedance spectroscopy", Phys. Stat. Sol. (c) 206(7), 1566 (2009). 14 citations)
 273. J. Carstensen and H. Föll, "New Modes of Fast Fourier Impedance Spectroscopy Applied to Solar Materials Characterization and Semiconductor Pore Etching", ECS Trans. 25(3), 11 (2009). 2 citations)
 274. J. Carstensen, A. Abdollahinia, A. Schütt, and H. Föll, "Characterization of the grid design by fitting of the distributed serial grid resistance to CELLO resistance maps and global IV curves", in Proc. 24th European Photovoltaic Solar Energy Conference, 1CV.4.33, Hamburg (2009). 9 citations)
 275. J. Carstensen, A. Schütt, and H. Föll, "CELLO FFT impedance analysis as a routine tool for identifying various defect types on crystalline silicon solar cells", in Proc. 24th European Photovoltaic Solar Energy Conference, 1AO.4.5, Hamburg (2009). 111 citations)
 276. I.M. Tiginyanu, E. Foca, V.V. Sergentu, V.V. Ursaki, F. Daschner, R. Knöchel, and H. Föll, "Design and characterization of novel focusing elements based on photonic metamaterials", J. of Nanoelectronics and Optoelectronics 4, 1 (2009). 3 citations)
 277. A. Cojocaru, E. Foca, J. Carstensen, M. Leisner, I.M. Tiginyanu, and H. Föll, "Impedance spectroscopy as a powerful tool for better understanding and controlling the pore growth mechanism in semiconductors", in Nanoscale phenomena, eds. H. Hahn, A. Sidorenko, and I. Tiginyanu, Springer, Berlin (2009).
 278. V. Kochergin and H. Föll, Porous semiconductors: Optical properties and applications, Springer, London (2009). (65 citations)
It's a book
 279. H. Föll, H. Hartz, E.K. Ossei-Wusu, J. Carstensen, and O. Riemenschneider, "Si nanowires arrays as anodes in Li ion batteries", Phys. Stat. Sol. RRL 4(1), 4 (2010). (69 citations)
 280. H. Föll, M. Leisner, A. Cojocaru, and J. Carstensen, "Macroporous semiconductors", Materials 3, 3006 (2010). (81 citations)
 281. M. Leisner, J. Carstensen, and H. Föll, "Pores in n-type InP - a model system for electrochemical pore etching", Nanoscale Res. Lett. 5(7), 1190 (2010). (15 citations)
 282. M. Leisner, A. Cojocaru, E.K. Ossei-Wusu, J. Carstensen, and H. Föll, "New applications of electrochemically produced porous semiconductors and nanowire arrays", Nanoscale Res. Lett. 5(9), 1502 (2010). (32 citations)
 283. J. Carstensen, A. Schütt, A. Pape, and H. Föll, "CELLO measurements for local and global characterization of grid finger, contact, and emitter resistance losses of large area solar cells", in Proc. 25th European Photovoltaic Solar Energy Conference, 2CV.3.19, Valencia (2010). (25 citations)
 284. J. Carstensen, A. Schütt, G. Popkirov, and H. Föll, "CELLO FFT impedance analysis of solar cells with a strong (15 citations) injection level dependence", in Proc. 25th European Photovoltaic Solar Energy Conference,

285. J. Carstensen, A. Schütt, G. Popkrov, and H. Föll, "CELLO measurement technique for local identification and characterization of various types of solar cell defects", Phys. Stat. Sol. (c) 8(4), 1342 (2011). (25 citations)
286. H. Föll, "Ulrich Gösele", Phys. Stat. Sol. (a) 208(6), 1371 (2011).
287. E. Ossei-Wusu, A. Cojocaru, H. Hartz, J. Carstensen, and H. Föll, "Silicon nanowires made via macropore etching for superior Li ion batteries", Phys. Stat. Sol. (a) 208(6), 1417 (2011). (14 citations)
288. M. Leisner, J. Carstensen, and H. Föll, "Quantitative analysis of curro pore growth on n-type InP", Phys. Stat. Sol. (c) 8(6), 1923 (2011). (3 citations)
289. M. Leisner, D. Dorow-Gerspach, J. Carstensen, and H. Föll, "Influence of the doping concentration on crystallographic pore growth on n-type InP and GaAs", Phys. Stat. Sol. (a) 208(6), 1378 (2011). (4 citations)
290. A. Cojocaru, M. Leisner, J. Carstensen, and H. Föll, "Comparison of currentline pore growth in n-type InP and in n-type Si", Phys. Stat. Sol. (c) 8, 1779 (2011). (3 citations)
291. I.M. Tiginyanu, V.V. Ursaki, E. Monaico, M. Enachi, V.V. Sergentu, G. Colibaba, D.D. Nedeoglo, A. Cojocaru, and H. Föll, "Quasi-ordered networks of metal nanotubes embedded in semiconductor matrices for photonic applications", J. of Nanoelectronics and Optoelectronics 6(4), 463 (2011). (33 citations)
292. M.-D. Gerngross, V. Sprincean, M. Leisner, J. Carstensen, H. Föll, and I. Tiginyanu, "Porous InP as piezoelectric component in magneto-electric composite sensors", ECS Trans. 35(8), 67 (2011). (5 citations)
293. H. Föll, M. Leisner, and J. Carstensen, "Modeling some 'meta' aspects of pore growth in semiconductors", ECS Trans. 35(8), 49 (2011). (3 citations)
294. E. Quiroga-González, E. Ossei-Wusu, J. Carstensen, and H. Föll, "How to make optimized arrays of Si nanowires suitable as superior anode for Li-ion batteries", J. Electrochem. Soc 158(11), E119 (2011). (57 citations)
295. H. Föll, J. Carstensen, E. Ossei-Wusu, A. Cojocaru, E. Quiroga-Gonzalez, and G. Neumann, "Optimized Cu contacted Si nanowire anodes for Li ion batteries made in a production near process", J. Electrochem. Soc. 158(5), A580 (2011). (51 citations)
296. H. Föll and J. Carstensen, "Pattern formation during anodic etching of semiconductors", ECS Trans. 33(20), 11 (2011). (6 citations)
297. H. Föll, J. Carstensen, E. Ossei-Wusu, A. Cojocaru, E. Quiroga-Gonzalez, and G. Neumann, "Optimized Cu contacted Si nanowire anodes for Li ion batteries made in a production near process", ECS Trans. 33(27), 131 (2011).
298. A. Cojocaru, J. Carstensen, J. Boor, D.S. Kim, V. Schmidt, and H. Föll, "Production and investigation of porous Si-Ge structures for thermoelectric application", ECS Trans. 33(16), 193. 298a) (6 citations)
299. H. Föll, "Remembering Ulrich Gösele", ECS Trans. 33(16), 3 (2011).
300. H. Föll and J. Carstensen, "Pattern formation during anodic etching of semiconductors", J. Electrochem. Soc. 158(6), D357 (2011). (6 citations)

Next installment (No. 301 - 3623)

Statistics

Just for fun. Let's see what kind of Hirsch factor I have.

No. citation	Inst. 1	Inst. 2	Inst. 3	Inst. 4	Inst. 5	Inst. 6	
>80	14	17	7	3	2		
>70			1	1			
>60		1	4	1	2		
>50	2		1	2	2		
>40	8	3	2				

	Inst. 1	Inst. 2	Inst. 3	Inst. 4	Inst. 5	Inst. 6	
First Author	35	17	8	4	12		
Good Journals	34	25	38	36	35		