

## Journal articles

- db001 [1] H. H. Bauer, D. Britz, and D. C. S. Foo. Instrumentation for a.v. polarography. *J. Electroanal. Chem.*, 9:481–483, 1965.
- db002 [2] D. Britz and H. H. Bauer. Impedance measurements in polarography: apparatus for accurate wide-frequency work. *J. Sci. Instr.*, 44:843–846, 1967.
- db003 [3] D. Britz and H. H. Bauer. Determination of the double-layer capacity in the presence of a depolarizer. *J. Electroanal. Chem.*, 16:13–19, 1968.
- db004 [4] D. Britz and H. H. Bauer. Adsorption and reduction of *m*-nitrophenol at the dropping mercury electrode. *Electrochim. Acta*, 13:347–359, 1968.
- db005 [5] P. W. Board, R. V. Holland, and D. Britz. Solid electrode chronopotentiometry for studying the reaction of erythrosin on tin plate. *Br. Corros. J.*, 3:31–33, 1968.
- db006 [6] D. Britz and H. H. Bauer. Theoretical calculation of polarographic solution-resistance. *J. Electroanal. Chem.*, 18:1–4, 1968. Note correction by: D.F. Taylor & R.G. Barradas, *ibid* 23 (1969) 166.
- db007 [7] D. Britz and H. H. Bauer. A.C. polarographic base-current depressions not due to adsorption. *J. Electroanal. Chem.*, 19:15–22, 1968.
- db008 [8] P. W. Board, D. Britz, and R. V. Holland. Reduction of erythrosin at the dropping mercury electrode. *Electrochim. Acta*, 13:1575–1579, 1968.
- db009 [9] P. W. Board, D. Britz, and R. V. Holland. Improved method for using the Koryta adsorption equation: adsorption of erythrosin. *Electrochim. Acta*, 13:1633–1639, 1968.
- db010 [10] P. W. Board, R. V. Holland, and D. Britz. Dithiocarbamates, carbon disulphide and the corrosion of tinplate. *Brit. Corros. J.*, 3:238–241, 1968.
- db011 [11] D. Britz and G. H. Nancollas. Thermodynamics of cation exchange of hydrous zirconia. *J. Inorg. Nucl. Chem.*, 31:3861–3868, 1969.
- db012 [12] H. H. Bauer and D. Britz. Use of a commercial lock-in amplifier in phase-selective second-harmonic AC polarography. *Chem. Instrum.*, 2:361–362, 1970.
- db013 [13] A. K. Shallal, H. H. Bauer, and D. Britz. Adsorption at electrodes: isotherm parameters for alkyl alcohols in various electrolytes. *Coll. Czech. Chem. Commun.*, 36:767–780, 1971.
- db014 [14] D. Britz, J. S. Jackson, and H. H. Bauer. A precision audio-frequency voltage regulator. *Chem. Instrum.*, 3:229–234, 1971.
- db015 [15] H. H. Bauer, D. Britz, F. M. Hawkrige, and A. K. Shallal. Negative AC polarographic waves - phase-selective polarograms. *Rev. Polarog. (Japan)*, 17:141–144, 1971.
- db016 [16] D. Britz and H. Luft. Weißblechkorrosion in nitrathaltigen Medien: Die Rolle des Nitrits. *Werkst. Korros.*, 24:296–301, 1973.

- [17] D. Britz and H. Luft. Einfluß der Reaktionsbedingungen bei der Elektrosynthese von zinnorganischen Verbindungen. *Ber. Bunsenges. Phys. Chem.*, 77:836–838, 1973.
- [18] D. Britz and B. Kastening. On the electrochemical observation of a second-order decay of radicals generated by flash photolysis or pulse radiolysis. *J. Electroanal. Chem.*, 56:73–90, 1974.
- [19] D. Britz. Discussion on paper "Promotion by nitrates of the dissolution of tin by acids and its inhibition" by J.C. Sherlock and S.C. Britton. *Br. Corr. J. (Quarterly)*, pages 128–129, 1974.
- [20] D. Britz and W. A. Brocke. Elimination of  $iR$ -drop in electrochemical cells by the use of a current-interruption potentiostat. *J. Electroanal. Chem.*, 58:301–311, 1975.
- [21] D. Britz and D. Knittel. Kryptate complexes - adsorption at electrodes and their potential electrochemical use. *Electrochim. Acta*, 20:891–893, 1975.
- [22] D. Britz. IR elimination in electrochemical cells. *J. Electroanal. Chem.*, 88:309–352, 1978.
- [23] K. R. Sreenivasan, D. Britz, and R. A. Antonia. Structure of turbulent bulges in an axisymmetric jet. In H. Fiedler, editor, *Structure & Mechanisms of Turbulence*, volume 75 of *Lecture Notes in Physics*, pages 19–30, Berlin, Heidelberg, New York, 1977. Springer-Verlag.
- [24] K. R. Sreenivasan, R. A. Antonia, and D. Britz. Local isotropy and large scale structures in a heated turbulent jet. *J. Fluid Mech.*, 94:745–775, 1979.
- [25] D. Britz. Evaluation of electrochemical cell impedance parameters. *Anal. Chem.*, 52:1166–1167, 1980.
- [26] D. Britz. 100% IR compensation by damped positive feedback. *Electrochim. Acta*, 25:1449–1452, 1980.
- [27] D. Britz. The point method for electrochemical digital simulation. *Anal. Chim. Acta*, 122:331–336, 1980.
- [28] D. Britz. Single-drop tensammetry. *Anal. Chim. Acta*, 115:327–330, 1980.
- [29] D. Britz and G. Thirup. Filtering of diffusion current fluctuations at electrodes in a turbulent flow due to uncompensated IR drop. *PCH PhysicoChem. Hydrodyn.*, 2:61–63, 1981.
- [30] D. Britz and J. Mortensen. Computer-aided staircase-tensammetric titration for the accurate measurement of critical micelle concentration. Measurements on sodium dodecyl sulphate in sodium chloride solutions. *J. Electroanal. Chem.*, 127:231–240, 1981.
- [31] J. Mortensen and D. Britz. Double-layer effects in potentiometric stripping analysis. *Anal. Chim. Acta*, 131:159–165, 1981.

- db032 [32] D. Britz, R. A. Antonia, and A. J. Chambers. Current fluctuations at mercury drop electrodes under intense polarographic maximum conditions. *PCH PhysioChem. Hydrodyn.*, 2:121–134, 1981.
- db033 [33] B. R. Satyaprakash, R. A. Antonia, D. H. Britz, and A. K. M. F. Hussain. Use of breakdown coefficients in turbulent jets to determine the universal exponent  $\mu$ . *Boundary-Layer Met.*, 24:77–87, 1982.
- db034 [34] D. Britz. A general-purpose minicomputer system for electrochemical studies. *Anal. Chim. Acta*, 143:95–110, 1982.
- db035 [35] P. Hougaard and D. H. Britz. Corrosion rate measurements and calculations: calculation of errors limits and transport effects. *Corros. Sci.*, 23:271–283, 1983.
- db036 [36] D. Britz and P. Hougaard. Effects of mixed activation and transport control of the cathodic process on corrosion current measurements. *Corros. Sci.*, 23:987–994, 1983.
- db037 [37] R. A. Antonia, L. W. B. Browne, D. Britz, and A. J. Chambers. A comparison of properties of temporal and spatial temperature increments in a turbulent plane jet. *Phys. Fluids*, 27:87–93, 1984.
- db038 [38] D. Britz. The use of a computer in the corrosion laboratory. In M. W. Kendig, U. Bertocci, and J. E. Strutt, editors, *Computer Aided Acquisition and Analysis of Corrosion Data*, volume 85-3, pages 13–22. The Electrochemical Society, Proceedings, New York, 1984.
- db039 [39] R. A. Antonia and D. Britz. A note on the spectrum of the time structure function. *Z. Angew. Math. Mech.*, 65:319–321, 1985.
- db040 [40] R. A. Antonia, A. J. Chambers, D. Britz, and L. W. B. Browne. Organized structures in a turbulent plane jet: topology and contribution to momentum and heat transport. *J. Fluid Mech.*, 172:211–229, 1986.
- db041 [41] D. Britz and R. A. Antonia. A multipoint method for detecting coherent features in a turbulent shear flow. *Fluid Dyn. Res.*, 1:93–106, 1986.
- db042 [42] D. Britz and R. A. Antonia. A computer algorithm for the identification of temperature fronts in a turbulent shear flow. *Exp. Fluids*, 5:134–140, 1987.
- db043 [43] R. A. Antonia, D. H. Britz, D. A. Shah, and A. J. Chambers. On the fine scale intermittency of turbulence. *Exp. Fluids*, 5:282–283, 1987.
- db044 [44] D. Britz. Investigation of the relative merit of some n-point current approximations in digital simulations. Application to an improved algorithm for quasireversible systems. *Anal. Chim. Acta*, 193:277–285, 1987.
- db045 [45] D. Britz and K. Thomsen. Electrochemical digital simulation: re-evaluation of the Crank-Nicolson scheme. *Anal. Chim. Acta*, 194:317–322, 1987.
- db046 [46] D. Britz. Electrochemical digital simulation by Runge-Kutta integration. *J. Electroanal. Chem.*, 240:17–26, 1988.

- [47] D. Britz, J. Heinze, J. Mortensen, and M. Störzbach. Implicit calculation of boundary values in digital simulation applied to several types of electrochemical experiment. *J. Electroanal. Chem.*, 240:27–43, 1988.
- [48] D. Britz, D. A. Shah, and R. A. Antonia. The fine-scale intermittency of turbulence. *Phys. Fluids*, 31:1431–1438, 1988.
- [49] R. A. Antonia and D. Britz. Phase-averaging in the turbulent far-wake. *Exp. Fluids*, 7:138–142, 1989.
- [50] J. Divisek, R. Jung, and D. Britz. Potential distribution and electrode stability in a bipolar electrolysis cell. *J. Appl. Electrochem.*, 20:186–195, 1990.
- [51] M. Jensen and D. Britz. A linearized least-squares method of calculation of corrosion parameters. *Corrosion*, 46:111–114, 1990.
- [52] D. Britz, B. Marques da Silva, L. A. Avaca, and E. R. Gonzales. The Saul'yev method of digital simulation under derivative boundary conditions. *Anal. Chim. Acta*, 239:87–93, 1990.
- [53] D. K. Bisset, R. A. Antonia, and D. Britz. Structure of large-scale vorticity in a turbulent far wake. *J. Fluid Mech.*, 218:463–482, 1990.
- [54] M. Jensen and D. Britz. Comparison of some methods of calculation of corrosion parameters from discretely sampled polarisation curves. *Corros. Sci.*, 32:285–302, 1991.
- [55] D. Britz and M. F. Nielsen. Accuracy contours in  $(n_T, \lambda)$  space in electrochemical digital simulations. *Coll. Czech. Chem. Commun.*, 56:20–41, 1991.
- [56] D. Britz. Cold fusion: an historical parallel. *Centaurus*, 33:368–372, 1990.
- [57] D. Britz. Comment on: "Statistical analysis of electrochemical adsorption data in the weighted least squares fitting and selection of the proper adsorption isotherm". *Pol. J. Chem.*, 65:137–138, 1991.
- [58] I. Ružić and D. Britz. Consistency proof of the sequential algorithm for the digital simulation of systems involving first-order homogeneous kinetics. *Acta Chem. Scand.*, 45:1087–1089, 1991.
- [59] D. Britz. Parameter correlations in cold fusion measurements. *J. Radionucl. Chem. Lett.*, 155:377–382, 1991.
- [60] H. Balslev and D. Britz. Direct digital simulation of the steady-state limiting current at a rotating disk electrode for a complex mechanism. *Acta Chem. Scand.*, 46:949–955, 1992.
- [61] L. K. Bieniasz and D. Britz. Electrochemical kinetic simulations of mixed diffusion/homogeneous reaction problems by the Saul'yev finite difference algorithms. *Anal. Chim. Acta*, 278:59–70, 1993.
- [62] D. Britz. Electrochemical digital simulation: incorporation of the Crank-Nicolson scheme and n-point boundary expression into the Rudolph algorithm. *J. Electroanal. Chem.*, 352:17–28, 1993.

- [63] L. K. Bieniasz and D. Britz. Efficiency of electrochemical kinetic simulations by orthogonal collocation and finite difference methods. A comparison. *Acta. Chem. Scand.*, 47:757–767, 1993.
- [64] D. Britz and O. Østerby. Some numerical investigations of the stability of electrochemical digital simulation, particularly as affected by first-order homogeneous reactions. *J. Electroanal. Chem.*, 368:143–147, 1994.
- [65] L. K. Bieniasz and D. Britz. Efficiency of electrochemical kinetic simulations by orthogonal collocation and finite difference methods. A comparison. Responses to comments by B. Speiser. *Acta. Chem. Scand.*, 48:609–610, 1994.
- [66] P. Holst-Hansen and D. Britz. Can current fluctuations account for the excess heat claims of Fleischmann and Pons? *J. Electroanal. Chem.*, 388:11–16, 1995.
- [67] L. K. Bieniasz, O. Østerby, and D. Britz. Numerical stability of finite difference algorithms for electrochemical kinetic simulations: matrix stability analysis of the classic explicit, fully implicit and Crank-Nicolson methods and typical problems involving mixed boundary conditions. *Computers Chem.*, 19:121–136, 1995.
- [68] L. K. Bieniasz, O. Østerby, and D. Britz. Numerical stability of the Saul'yev finite difference algorithms for electrochemical kinetic simulations: Matrix stability analysis for an example problem involving mixed boundary conditions. *Computers Chem.*, 19:357–370, 1995.
- [69] L. K. Bieniasz, O. Østerby, and D. Britz. Numerical stability of finite difference algorithms for electrochemical kinetic simulations. Matrix stability analysis of the classic explicit, fully implicit and Crank-Nicolson methods, extended to the 3- and 4-point gradient approximation at the electrodes. *Computers Chem.*, 19:351–355, 1995.
- [70] D. Britz and R. A. Antonia. A comparison of methods of computing power spectra of LDA signals. *Meas. Sci. Technol.*, 7:1042–1053, 1996.
- [71] D. Britz. Brute force digital simulation. *J. Electroanal. Chem.*, 406:15–21, 1996.
- [72] T. Green and D. Britz. Kinetics of the deuterium and hydrogen evolution reactions at palladium in alkaline solution. *J. Electroanal. Chem.*, 412:59–66, 1996.
- [73] N. P. Raj Andersen, P. Holst-Hansen, and D. Britz. Using the electrochemical quartz crystal microbalance as stripping detector. Application to trace mercury analysis. *Anal. Chim. Acta*, 329:253–256, 1996.
- [74] D. Britz. Stability of the backward differentiation formula (FIRM) applied to electrochemical digital simulation. *Computers Chem.*, 21:97–108, 1997. See Erratum in *ibid.* 22 (1997) 267.
- [75] L. K. Bieniasz, O. Østerby, and D. Britz. The effect of the discretization of the mixed boundary conditions on the numerical stability of the Crank-Nicolson algorithm of electrochemical kinetic simulations. *Computers Chem.*, 21:391–401, 1997.
- [76] D. Britz. Recent advances in electrochemical digital simulation. *Studia Univ. Babeş-Bolyai, Chem.*, 41:31–46, 1996.

- [db077] [77] D. Britz. Time shift artifacts and start-up protocols with the BDF method in electrochemical digital simulation. *Computers Chem.*, 22:237–243, 1998.
- [db078] [78] D. Britz. An error propagation in the numerical literature. *BIT*, 38:217–218, 1998.
- [db079] [79] K. Johannsen and D. Britz. Matrix stability of the backward differentiation formula in electrochemical digital simulation. *Computers Chem.*, 23:33–41, 1999.
- [db080] [80] D. Britz. An interesting global stabilisation of a locally short-range unstable high-order scheme for the digital simulation of the diffusion equation. *Computers Chem. Eng.*, 23:297–300, 1999.
- [db081] [81] D. Britz and J. Strutwolf. Higher-order spatial discretisations in electrochemical digital simulation. 1. Combination with the BDF algorithm. *Computers Chem.*, 24:673–684, 2000.
- [db082] [82] J. Strutwolf and D. Britz. Use of high-order discretisations in digital simulation. 2. Combination with the extrapolation algorithm. *Computers Chem.*, 25:511–520, 2001.
- [db083] [83] L. K. Bieniasz and D. Britz. Chronopotentiometry at a microband electrode: simulation study using a Rosenbrock time integration scheme for differential-algebraic equations and a direct sparse solver. *J. Electroanal. Chem.*, 503:141–152, 2001.
- [db084] [84] D. Britz, J. Strutwolf, and L. Thøgersen. Investigation of some starting protocols for BDF (FIRM) in electrochemical digital simulation. *J. Electroanal. Chem.*, 512:119–123, 2001.
- [db085] [85] D. Britz. Consistency proof of Feldberg’s simple BDF start in electrochemical digital simulation. *J. Electroanal. Chem.*, 515:1–7, 2001.
- [db086] [86] D. Britz, O. Østerby, J. Strutwolf, and T. K. Svenesen. High-order spatial discretisations in electrochemical digital simulations. 3. Combination with the explicit Runge-Kutta algorithm. *Computers Chem.*, 26:97–103, 2002.
- [db087] [87] D. Britz. Higher-order spatial discretisations in digital simulations. Algorithm for any multi-point first- or second derivative on an arbitrarily spaced grid. *Electrochem. Commun.*, 5:195–198, 2003.
- [db088] [88] T. J. Britz and D. Britz. Mathematical proof of the consistency of Feldberg’s simple BDF start in electrochemical digital simulations. *J. Electroanal. Chem.*, 546:123–125, 2003.
- [db089] [89] D. Britz. Digital simulation in electroanalytical chemistry. In A. J. Bard and M. Stratmann, editors, *Encyclopaedia of Electrochemistry*, volume 3, Instrumentation and Electroanalytical Chemistry, Ed. P.R. Unwin, pages 51–71. Wiley-VCH, Weinheim, Germany, 2003.
- [db090] [90] D. Britz, O. Østerby, and J. Strutwolf. Damping of Crank-Nicolson error oscillations. *Comput. Biol. Chem.*, 27:253–263, 2003.

- [91] D. Britz and J. Strutwolf. Higher-order spatial discretisations in electrochemical digital simulation. Part 4. Discretisation on an arbitrarily spaced grid. *Comp. Biol. Chem.*, 27:327–337, 2003.
- [92] J. Strutwolf and D. Britz. Higher-order discretisations in electrochemical digital simulation. Part 5. Application to stationary ultramicrodisk electrode simulation. *J. Electroanal. Chem.*, 566:15–23, 2004.
- [93] V. Daujotis, D. Britz, and A. Teiserskiene. EQCM study of the couple thallium(I)/thallium amalgam at a thin film mercury electrode. *Russ. J. Electrochem.*, 40:612–618, 2004.
- [94] L. K. Bieniasz and D. Britz. Recent developments in digital simulation of electroanalytical experiments. *Pol. J. Chem.*, 78:1195–1219, 2004.
- [95] D. Britz, K. Poulsen, and J. Strutwolf. Reference values of the diffusion-limited current at a disk electrode. *Electrochim. Acta*, 50:107–113, 2004. See Erratum, *ibid* 53 (2008) 8101.
- [96] D. Britz, K. Poulsen, and J. Strutwolf. Reference values of the diffusion-limited chronoamperometric current at a microband electrode. *Electrochim. Acta*, 51:333–339, 2005. See Erratum, *ibid* 53 (2008) 7805.
- [97] D. Britz. Modified Thomas algorithm for the digital simulation of the catalytic EC' mechanism under Cottrellian conditions. *Int. J. Electrochem. Sci.*, 1:1–11, 2006.
- [98] D. Britz and J. Strutwolf. Electroanalytical response of an ultramicroelectrode at the bottom of an insulating conical well: digital simulation. *Electrochim. Acta*, 52:33–41, 2006.
- [99] D. Britz. Setting the record straight on reciprocal derivative chronopotentiometry. *Int. J. Electrochem. Sci.*, 1:379–382, 2006.
- [100] D. Britz and J. Strutwolf. Comparison of flux approximations in electrochemical digital simulation. *J. Electroanal. Chem.*, 602:210–216, 2007.
- [101] D. Britz, T. Britz, K. Shiromoto, and H. Kragh Sørensen. The higher weight enumerators of the double-even self-dual  $[48, 24, 12]$  code. *IEEE Trans. Inf. Theory*, 53:2567–2571, 2007.
- [102] D. Britz. Simulation of diffusion limited chronoamperometry at disk electrodes without Neumann boundary conditions on the axis or at the insulating plane. *Int. J. Electrochem. Sci.*, 3:1108–1116, 2008.
- [103] D. Britz, O. Østerby, and J. Strutwolf. Comparison of flux approximations in electrochemical digital simulation. Part 2: Complications due to homogeneous chemical reactions, charge estimation and application to the ultramicrodisk electrode. *J. Electroanal. Chem.*, 622:51–58, 2008.
- [104] D. Britz, K. B. Oldham, and O. Østerby. Strategies for damping the oscillations of the alternating direction implicit method of simulation of diffusion-limited chronoamperometry at disk electrodes. *Electrochimica Acta*, 54(21):4822 – 4828, 2009.

- [105] D. Britz, R. Baronas, E. Gaidamauskaitė, and F. Ivanauskas. Further comparisons of finite difference schemes for computational modelling of biosensors. *Nonlin. Anal.: Model. Control*, 14:419–433, 2009.
- [106] D. Britz, S. Chandra, J. Strutwolf, and D. K. Y. Wong. Diffusion-limited chronoamperometry at conical-tip microelectrodes. *Electrochim. Acta*, 55:1272–1277, 2010.
- [107] D. Britz, O. Østerby, and J. Strutwolf. Reference values of the chronoamperometric response at cylindrical and capped cylindrical electrodes. *Electrochim. Acta*, 55(20):5629 – 5635, 2010.
- [108] D. Britz. The true history of adaptive grids in electrochemical simulation. *Electrochim. Acta*, 56:4420–4421, 2011.
- [109] D. Britz, J. Strutwolf, and O. Østerby. Digital simulation of thermal reactions. *Appl. Math. Comp.*, 218:1280–1290, 2011.
- [110] D. Britz, O. Østerby, and J. Strutwolf. Minimum grid digital simulation of chronoamperometry at a disk electrode. *Electrochim. Acta*, 78:365–376, 2012.
- [111] D. Britz and J. Strutwolf. Digital simulation of chronoamperometry at an electrode within a hemispherical polymer drop containing an enzyme: Comparison of a hemispherical with a flat disk electrode. *Biosensors Bioelectronics*, 50:269–277, 2013.
- [112] D. Britz and J. Strutwolf. Digital Simulation of Electrochemistry at Microelectrodes. In K. F. Lei, editor, *Microelectrodes*, pages 1–85. Nova Science Publishers, New York, USA, 2014.
- [113] D. Britz and J. Strutwolf. Several ways to simulate time dependent liquid junction potentials by finite differences. *Electrochim. Acta*, 137:328–335, 2014.
- [114] D. Britz and J. Strutwolf. Digital simulation of chronoamperometry at a disk electrode under a flat polymer film containing an enzyme. *Electrochim. Acta*, 152:302–307, 2015.
- [115] D. Britz and J. Strutwolf. Surface concentration nonuniformities resulting from chronoamperometry of a reversible reaction at an ultramicrodisk electrode. *J. Electroanal. Chem.*, 776:202–205, 2016.
- [116] T. Salomón, C. Sibbersen, J. Hansen, D. Britz, M. Vandsted Svart, T. Schmidt Voss, N. Møller, N. Gregersen, K. A. Jørgensen, J. Palmfeldt, T. Bjørnskov Poulsen, and M. Johannsen. Ketone body acetoacetate buffers methylglyoxal via a non-enzymatic conversion during diabetic and dietary ketosis. *Cell Chem. Biol.*, 24:935–943, 2017.
- [117] D. Britz, J. Strutwolf, and O. Østerby. Use of the Saul’yev method for the digital simulation of chronoamperometry and linear sweep voltammetry at the ultramicrodisk electrode. *Electrochim. Acta*, 258:17–23, 2017.
- [118] D. Britz and J. Strutwolf. Use of the Saul’yev method for the digital simulation of chronoamperometry at the disk electrode, in the presence of homogeneous chemical reactions. *Electrochim. Acta*, 283:300–305, 2018.

- [db119] [119] D. Britz. Comment on "Atmospheric chemistry of iodine anions: elementary reactions of  $I^{-1}$ ,  $IO^{-1}$  and  $IO_2^{-1}$  with ozone studied in the gas-phase at 300 K using an ion trap" Teiwes et al., *Phys. Chem. Chem. Phys.*, 2018, 20, 20608 . *Phys. Chem. Chem. Phys.*, 21:22654–22655, 2019.
- [db120] [120] M. Woolway, B. A. Jacobs, E. Momoniat, C. Harley, and D. Britz. Numerical convergence analysis of the Frank-Kamenetskii equation. *Entropy*, 22(1):84:1–17, 2020.
- [db121] [121] D. Britz, J. Strutwolf, and O. Østerby. Revisiting rectangular electrodes: a simulation study. *Electrochim. Acta*, 338:135728:1–7, 2020.
- [db122] [122] D. Britz, J. Strutwolf, and O. Østerby. Rectangular electrodes: simulation of accurate steady state currents and the behaviour of square electrode arrays. *Electrochim. Acta*, 404:139750:1–7, 2022.
- [db123] [123] D. Britz, J. Strutwolf, and O. Østerby. Simulation of steady state limiting currents at arrays of square electrodes. *Electrochim. Acta*, 462:142728:1–5, 2023.
- [db124] [124] Marc Daniel Opfermann, Maria Bøgelund Søndergård, Louise Vase Bech, Camilla B. Nielsen, Alejandro Mahía, Charlotte Brinck Holt, Tingting Wang, Sarah Bisgaard Olesen, Kim Frisch, Jakob Appel Østergaard, Dieter Britz, Kirstine Lykke Nielsen, James J. Galligan, Thomas B. Poulsen, Jakob Hansen, and Mogens Johannsen. Reactivity-based metabolomics reveal cysteine has glyoxalase 1-like and glyoxalase 2-like activities. *Nature Chem. Biol.*, 21:1397–1407, 2025. <https://doi.org/10.1038/s41589-025-01909-0>.
- [db125] [125] D. Britz. History of the Sand equation in electrochemistry. *J. Electroanal. Chem.*, 996:1–5, 2025. Paper number 119364.
- [db126] [126] D. Britz and J. Strutwolf. Comments on A. Eswari and L. Rajendran, "Mathematical Modeling of Cyclic Voltammetry for EC Reaction" in *Russ. J. Electrochem.* 47 (2011) 195 and "Mathematical Modeling of Cyclic Voltammetry for EC2 Reaction", in *Russ. J. Electrochem.* 47 (2011) 205. *Russ. J. Electrochem.*, 61(6):239–242, 2025.
- [db127] [127] D. Britz and J. Strutwolf. Comment on R. Rajalakshmi, S. Naganathan and L. Rajendran, "Transient analysis of reaction–diffusion dynamics in enzymatic biofuel cells of general geometry", in *Electrochim. Acta* 554 (2026) article number 148248. *Electrochim. Acta*, 561, 2026. Article number 148705, pp 1-2.

## Books

- `db.mono1` [1] D. Britz. *Digital Simulation in Electrochemistry*. Springer, Berlin, 1980.
- `db.mono2` [2] D. Britz. *Digital Simulation in Electrochemistry, 2nd Ed.* Springer, Berlin, 1988.
- `db.mono3` [3] D. Britz. *Fortran 90/95*. IDG, Copenhagen, 1999.
- `db.mono4` [4] D. Britz. *Digital Simulation in Electrochemistry, 3rd Ed.* Springer, Berlin, 2005.
- `db.mono5` [5] D. Britz and J. Strutwolf. *Digital Simulation in Electrochemistry, 4th Ed.* Springer, Berlin, 2016.

## Unpublished proceedings

- `db.proc1` [1] R. A. Antonia, D. Britz, and A. J. Chambers. Similarity between velocity & temperature fields in a turbulent plane jet. In *Proceedings, Fifth Symposium on Turbulent Shear Flows, Cornell University, Ithaca, New York*, 1985.
- `db.proc2` [2] D. Britz. Electrochemical digital simulation in perspective. In *Proceedings, VIII Simp. Bras. Eletroq. Eletroanal.*, volume 1, pages C29–C39, 1990.

## Other publications

- `db.other1` [1] D. Britz. Meat factories. *Nature*, 229:435–436, 1971.
- `db.other2` [2] D. Britz. Energy for meat. *Nature*, 231:201., 1971.
- `db.other3` [3] D. Britz. A matter of degree. *Nature*, 372:214., 1994.
- `db.rev1` [4] D. Britz. [untitled]. *Anal. Chem.*, 66:792A–793A, 1994. Review of David K. Gosser, "Cyclic Voltammetry: Simulation and Analysis of Reaction Mechanisms".
- `db.rev2` [5] D. Britz. [untitled]. *Anal. Chem.*, 66:966A–966A, 1994. Review of Z. Galus, "Fundamentals of Electrochemical Analysis".
- `db.rev3` [6] D. Britz. [untitled]. *Anal. Chem.*, 67:600A–601A, 1995. Review of DigiSim.
- `dbrev5` [7] D. Britz. The Science of Low Energy Nuclear Reaction: a Comprehensive Compilation of Evidence and Explanations about Cold Fusion by Edmund Storms. *J. Sci. Expl.*, 21:801–805, 2007. Book review.