

C. Barry Carter: 1970s Publications

JOURNAL ARTICLES

- J001 Carter, C.B. and Williams, P.M., 1972, *Phil. Mag.* **26** (2), 393–398. “An Electron Microscopy Study of Intercalation in Transition Metal Dichalcogenides.”
- J002 Carter, C.B. and Ray, I.L.F., 1974, *Phil. Mag.* **29** (5), 1231–1235. “Observations of Constrictions on Dissociated Dislocation Lines in Copper Alloys.”
- J003 Carter, C.B. and Holmes, S.M., 1975, *Phil. Mag.* **32** (3), 599–614. “The Study of Faulted Dipoles in Copper Using Weak-Beam Electron Microscopy.”
- J004 Carter, C.B., 1977, *Phil. Mag.* **35** (1), 75–79. “The Operation of a Dislocation Glide Source.”
- J005 Carter, C.B. and Ray, I.L.F., 1977, *Phil. Mag.* **35** (1), 189–200. “On the Stacking-Fault Energies of Copper Alloys.”
- J006 Carter, C.B. and Hirsch, P.B., 1977, *Phil. Mag.* **35** (6), 1509–1522. “The Formation and Glide of Jogs in Low Stacking-Fault Energy Face-Centered Cubic Materials.”
- J007 Carter, C.B. and Holmes, S.M., 1977, *Phil. Mag.* **35** (5), 1161–1172. “The Stacking-Fault Energy of Nickel.”
- J008 Carter, C.B., 1977, *Phil. Mag.* **36** (1), 147–167. “The Formation and Properties of Faulted Dipoles.”
- J009 Cosandey, F., Komem, Y., Bauer, C.L. and Carter, C.B., 1978, *Scripta Met.* **12**, 577–582. “Lattice Imaging of Low-Angle [001] Tilt Boundaries in Bicrystalline Films of Gold.”
- J010 Carter, C.B. and Föll, H., 1978, *Scripta Met.* **12**, 1135–1139. “The Contrast from Incoherent Twin Interfaces Observed Using the Weak-Beam Technique.”
- J011 Carter, C.B., Donald, A.M., and Sass, S.L., 1979, *Phil. Mag.* **A39** (5), 533–549. “Diffraction Effects and Images from Inclined Grain Boundaries in Polycrystalline Thin Films.”
- J012 Föll, H. and Carter, C.B., 1979, *Phil. Mag.* **A40** (4), 497–510. “Direct TEM Determination of Intrinsic and Extrinsic Stacking-Fault Energies of Silicon.”
- J013 Carter, C.B., 1979, *phys. stat. sol. (a)* **54**, 395–406. “The Extension of Jogs on Dissociated Dislocations in FCC Metals.”

CONFERENCE PROCEEDINGS

- C001 Carter, C.B. and Holmes, S.M., 1975, *EMAG 75*, 413–416. “Weak-Beam Images of Faulted Dipoles in Face-Centered Cubic Metals.”
- C002 Carter, C.B. and Hirsch, P.B., 1976, 4th Int. Conf. on the Strength of Metals and Alloys **1**, 70–74. “Formation, Structure, and Movement of Jogs in Copper Alloys.”
- C003 Carter, C.B. and Holmes, S.M., 1976, 6th Eur. Conf. on Elec. Microsc., Jerusalem, 581–583. “Studies of Dislocation Dipoles in FCC Metals.”
- C004 Carter, C.B., 1977, 15th Czech. Conf. on Elec. Microsc., Prague, **B**, 455–458. “Weak-Beam Observations of Jogs and Dissociated Dislocations.”

- C005 Carter, C.B., 1977, Inst. Phys. Conf. Ser. **36**, 173–176. “Jogs on Extended Defects in FCC Materials.”
- C006 Carter, C.B. and Holmes, S.M., 1977, Inst. Phys. Conf. Ser. **36**, 177–180. “Dissociated Dislocation Dipoles in FCC Materials.”
- C007 Pond, R.C., Sutton, A.P., Carter, C.B. and Clark, W.A.T., 1977, Inst. Phys. Conf. Ser. **36**, 247–250. “Stacking-Fault Contrast Using Weak-Beam Condition.”
- C008 Carter, C.B., Cherns, D., Hirsch, P.B. and Saka, H., 1978, ICEM 9, Toronto, 324–325. “Electron Microscope Studies of Climb Dissociated Dislocations.”
- C009 Carter, C.B., Donald, A.M. and Sass, S.L., 1978, ICEM 9, Toronto, 420–421. “Diffraction Effects from Inclined Grain Boundaries in Polycrystalline Thin Foils.”
- C010 Budai, J., Carter, C.B., Donald, A.M. and Sass, S.L., 1979, 37th Annual Meeting EMSA, San Antonio, 506–509. “Electron and X-Ray Diffraction Studies of Grain Boundaries.”
- C011 Föll, H., Carter, C.B. and Wilkens, M., 1979, 37th Annual Meeting EMSA, San Antonio, 690–691. “On the Contrast from Stacking Faults.”
- C012 Carter, C.B., Föll, H., Ast, D.G. and Sass, S.L., 1979, 37th Annual Meeting EMSA, San Antonio, 686–687. “Electron Microscopy and Diffraction Studies of Grain Boundaries in Silicon.”