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Dr. Shadman (PhD from the University of California-Berkeley, 1972) is the author of more than 110 journal articles, 3 book chapters, and 21 patents/invention disclosures. Among his awards are Akira-Inoue Award (2002), Landmark Innovation Award (2000), SRC/Sematech/SIA Excellence in Research Award (1998 and 1992), and Invention Awards (SRC 1991 and 1992). He is a Fellow of American Institute of Chemical Engineers.