

perhaps some of the above may strongly suggest the priority-conscious scientist whose description by Watson² so many people have taken as evidence of power-hungry egomania within the ivory towers. That is merely an exaggeration of a trait, certainly not restricted to scientists, that Darwin expressed nicely when he said, "My love of natural sciences . . . has been much aided by the ambition to be esteemed by my fellow naturalists."³ There is nothing culpable in such a striving. This normal desire for reputation and "power" of a sort notwithstanding, there are scientists I have encountered

who resent and reject the *SCI* on the assumption that, if not indeed primarily designed for the purpose, it is too easily used to pander to ego satisfaction—someone else's of course.^{4,5} The fact remains, however, that the *SCI* is being used in analysis and planning of science policy, in evaluation of research performance,⁶ and even in prognostication of Nobel awards.^{7,8} Whatever the motives of users, and whatever others' evaluation of them, perhaps the *SCI* will after all turn out to be the "most powerful information tool ever developed."

1. See for example:
 Ziman, J.M. Some pathologies of the scientific life. *Advancement of Science* 27(131): 7-16, 1970;
 Gaston, J. Secretiveness and competition for priority of discovery in physics. *Minerva* 9(4): 472-492, 1971;
 Merton, R.K. "Priorities in scientific discovery; a chapter in the sociology of science." In: Barber, B. & Hirsch, W., eds., *The Sociology of Science* (New York: Free Press, 1962).
2. Watson, J.D. *The Double Helix*. (London: Weidenfeld & Nicholson, 1968).
3. Quoted by Gaston, J. *op. cit.*, p. 472.
4. Garfield, E. Citation indexes in sociology and historical research. *Current Contents* No. 34, p. 4, August 26, 1969.
5. Publication counting vs citation counting in evaluating research. *Current Contents* No. 22, p. 5-7, June 2, 1971.
6. Hagstrom, W.O. Inputs, outputs, and the prestige of university science departments. *Sociology of Education* 44(4): 375-397, 1971.
7. Garfield, E. Citation measures used as an objective estimate of creativity. *Current Contents* No. 34, p. 4-5, August 26, 1970.
8. & Malin, M.V. Can Nobel prize winners be predicted? Paper presented at the Annual Meeting of the American Association for the Advancement of Science, Dallas, Texas, December 28, 1968.