

5 Top most Publications

For an author/research worker it is always difficult to categories his/her publication as excellent/good/fair etc..Can a mother tell whom of her children she loves most?

Any way as per advice here are "5 topmost" publication of mine.

- a. M. Mohammad, "Cyclic Voltammetric Investigation of a Chemical Reaction Preceded by a Reversible Charge Transfer: Reaction of Pyridinyl Radical with 4 nitro benzyl Chloride", *Anal. Chem.*, **47**, 958 (1975). This is about Mohammad-Nicholson Shain method.
- b. M. Mohammad and M. Razaq, "Stopped-Flow Voltammetry". The paper was accepted for presentation in ERROANALYSIS III, Conference, Ireland 1978. (Abst 242-p). Extended work published in *J. Electro Anal. Chem.* **98**, (2), 235 (1979). A unique combination of Voltammetry and Stopped-flow technique
- c. M. Mohammad, A Y. Khan, M. Iqbal, R Iqbal and M. Razaq, "Pyridinyl Radicals, Pyridinyl Anion. Z-values", *J. Am. Chem. Soc.*, **100**, 7658 (1978).A paper in JACS from Chem.. Dept QAU !!
- d. M. Mohammad, "Methyl Viologen Neutral", *J. Org. Chem.*, **53**, 2779(1987).(This paper declared as Scholarly Paper in 2006 www.google.com.pk/search?hl=en&q=J.+Phys.+Chem.+Vol+85+page+28 16

M. Mohammad, "Ultrasonic Voltammetry", *Bull Electrochem.* **6**, 806 (1990). Again a unique combination - of ultrasound and voltammetry. This field is now termed Sonovoltammetry.