



LEHIGH UNIVERSITY

Department of Chemical and Biomolecular Engineering



PROFESSOR ISRAEL E. WACHS' SCHOLARLY PUBLICATIONS REACH ISI GOLDEN H-INDEX OF 100

Professor Israel E. Wachs, the G. Whitney Snyder Professor of Chemical and Biomolecular Engineering recently surpassed a landmark in citations. According to data compiled by webometrics using Google Scholar citation records, Dr. Wachs now has an h-index of over 100, based on his Google Scholar Citations, placing him among the top 2800 researchers worldwide in all disciplines of all times (~1900 to present). The h-index was originally suggested by a physicist, Jorge E. Hirsch in 2005, as a measure of productivity and citation impact of the publications of a researcher. An h-index of 100 means that Dr. Wachs has published 100 papers each of which has been cited by other publications at least 100 times and reflects a researcher's scholarly impact.

Topping the list of researchers with the highest h-index is Sigmund Freud, with an h-index of about 280. The list of about 3200 researchers with h-index above 100 has distinguished researchers ranging from Nobel Laureates to leading engineers and scientists in every discipline.

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Dr. Wachs received his B.E.(ChE) from The City College of City University of New York and his M.S./Ph.D. from Stanford University under the mentorship of Professor Robert J. Madix. He started his career at the Corporate Research Labs of Exxon Research & Engineering Company and subsequently joined the Chemical & Biomolecular Engineering Department of Lehigh University in January 1987. He has set up a world-class catalysis research laboratory focusing on catalysis and catalyst characterization under reaction conditions (in situ and operando molecular spectroscopy, spectrokinetics). He is a recipient of numerous international and national honors and awards.

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