



Wednesday,
December 19, 2018

FACULTY

Professors Join Elite Group for Highly Cited, Influential Research

Dec. 20, 2018

As scientists and scholars publish their research findings in academic journals, one way to determine the value and impact of a researcher's work — and validate its significance — is to count how many times other researchers refer to, or cite, that person's papers in their own work.

This year several researchers at The University of Texas at Dallas are among the most-cited in the world.

“Our faculty members consistently publish their findings in top journals and are recognized by their peers worldwide as performing exceptional and impactful research across multiple disciplines,” said [Dr. Joseph Pancrazio](#), vice president for research at UT Dallas. “Inclusion on highly cited lists is a significant measure of the University's global influence in the research community and overall contribution to the intellectual capital of the world.”

[Clarivate Analytics'](#) 2018 list of Highly Cited Researchers includes four affiliated with UT Dallas. Clarivate Analytics awards its distinction to exceptional scholars around the globe who, over the last decade, have produced multiple highly cited publications, which are defined as those ranking in the top 1 percent by citations for a specific field and year.

A total of 22 categories of research are considered in the analysis. New this year is the cross-field category, which identifies researchers who contribute papers in several fields.



[Dr. Ray Baughman](#), who holds the Robert A. Welch Distinguished Chair, is a professor of chemistry in the [School of Natural Sciences and Mathematics](#), and directs the Alan G. MacDiarmid NanoTech Institute, is listed among 2,020 scholars in the cross-field category.



Dr. Luigi Colombo, recently retired from Texas Instruments and currently an adjunct professor of materials science and engineering in the [Erik Jonsson School of Engineering and Computer Science](#), is listed among 211 researchers in physics.



[Dr. Mike W. Peng](#), the O.P. Jindal Distinguished Chair; professor of organizations, strategy and international management; and executive director of the Center for Global Business in the [Naveen Jindal School of Management](#), is listed among 96 scholars in economics and business. Peng has been on this list every year since 2014.



[Dr. Robert Wallace](#), who holds the Erik Jonsson Distinguished Chair and is a professor of materials science and engineering in the Jonsson School, is also listed among researchers in the cross-field category.



In addition, [Dr. Anvar Zakhidov](#), professor of physics, received a 2018 Scopus Award Russia, which recognizes an individual researcher's contribution to the development of science in Russia as measured by the number of published scientific articles and their citations in international journals.

In addition to his faculty appointment at UT Dallas, Zakhidov is head of the Laboratory of Hybrid Nanophotonics and Optoelectronics at ITMO University, a large state university in St. Petersburg and one of Russia's national research universities.

Zakhidov received his award for "contributions to the most actively developing scientific topic in the world," high-performance photovoltaic cells based on perovskites. He was among 19 Russian scientists recognized in science and medicine.

The Scopus Award, established by the scientific publishing house Elsevier, is awarded to the most quoted and published scientists in Europe, Asia, Latin America and Russia.

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