

## AMA Emeritus Professor Liqun Qi Named Clarivate™ Highly Cited Researcher 2020

The Department of Applied Mathematics (AMA) extends heartfelt congratulations to our Emeritus Professor Liqun Qi who is once again on the list of Clarivate™ Highly Cited Researchers in 2020. The highly anticipated annual list unveiled on 18 November 2020 identifies researchers who demonstrated significant influence in their chosen field or fields through the publication of multiple highly cited papers during the last decade. Their names are drawn from the publications that rank in the top 1% by citations for field and publication year in the Web of Science™ citation index. 6,167 researchers from more than 60 countries and regions have been recognized this year.

Professor Qi is named the Highly Cited Researcher in the field of Mathematics for the third time since 2018. Having published more than 330 research papers in international journals, Professor Qi's works have been cited by researchers around the world. According to the Google Scholar, Professor Qi has received an H-index value of 68 and his work has been cited over 21,200 times as of November 2020.



Professor Qi established the superlinear and quadratic convergence theory of the semismooth Newton method, and played a principal role in the development of reformulation methods in optimization. In 2005, he pioneered the research on eigenvalues for higher order tensors, which now has applications in biomedical engineering, statistical data analysis, spectral hypergraph theory, solid mechanics, quantum mechanics, etc. He has more than 110 papers on tensors, published or accepted for publication in international journals. His books 'Tensor Analysis: Spectral Theory and Special Tensors' and 'Tensor Eigenvalues and Their Applications' have been published by the Society for Industrial and Applied Mathematics (SIAM) in 2017 and Springer in 2018, respectively.

### **About Clarivate:**

Clarivate™ is a global leader in providing solutions to accelerate the lifecycle of innovation. Its mission is to help customers solve some of the world's most complex problems by providing actionable information and insights that reduce the time from new ideas to life-changing inventions in the areas of science and intellectual property. It helps customers discover, protect and commercialize their inventions using its trusted subscription and technology-based solutions coupled with deep domain expertise. For more information, please visit [clarivate.com](https://clarivate.com). The full 2020 Highly Cited Researchers list can be found online [here](#).

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