

## In the spotlight

### Theorising quantified credibility in the age of big data: a case of China's Social Credit System

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*Humanities, Arts & Social Sciences (HASS)*

In this theoretical exploration, I introduce a ground-breaking sociological framework termed 'quantified credibility' — a multidimensional construct encapsulating status, reputation, and trust. These facets are applied to gauge and rank the social capital of individuals and organizations through big data. To concretize this concept, I analyse the burgeoning Social Credit System of China, illustrating how this expansive and sophisticated data architecture embodies the practical application of quantified credibility. This paper finds its academic home in *The Journal of Chinese Sociology*, a trailblazing publication sponsored by the Institute of Sociology of the Chinese Academy of Social Sciences. Renowned for being mainland China's inaugural English-medium sociology journal, it predominantly features empirical research that dissects the contemporary Chinese societal fabric, providing deep sociological insights.



*"A ground-breaking sociological framework termed 'quantified credibility' — a multidimensional construct encapsulating status, reputation, and trust."*

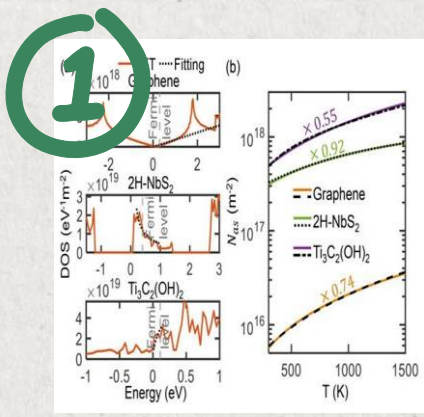
-Nilanjan Raghunath

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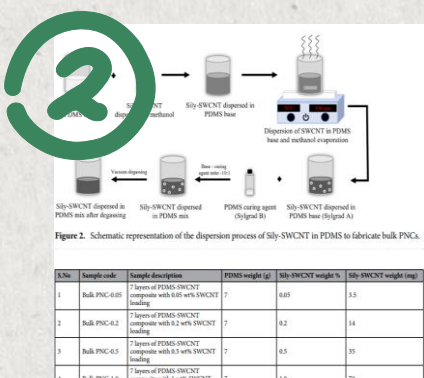
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## TRAILBLAZERS



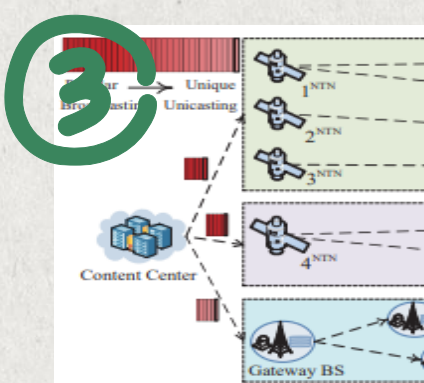
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*Applied Physics Letters*  
SUTD Authors: Yi Luo, Er Chen-Chen, Ang Yee Sin, Ang L. K.  
*Science, Mathematics & Technology (SMT)*



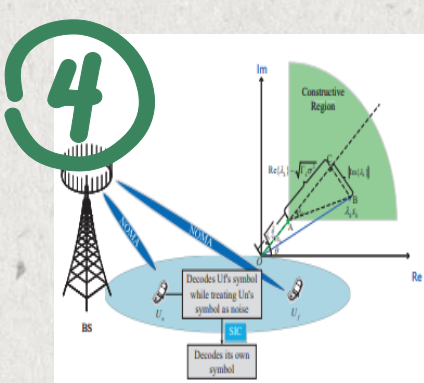
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*Scientific Reports*  
SUTD Authors: Pavithra Ananthasubramanian, Rahul Sahay, Nagarajan Raghavan  
*nano-Macro Reliability (nMRL), Engineering Product Development (EPD)*



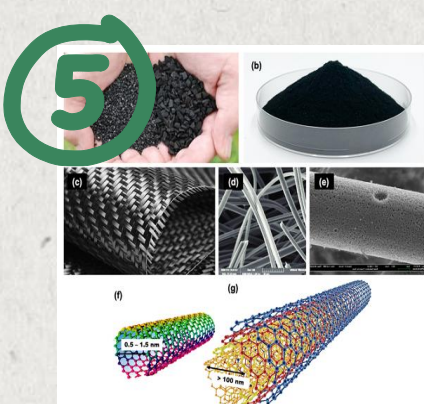
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*IEEE Conference On Global Communications, Globecom*  
SUTD Authors: Wang Feng, Tony Quek Q. S.  
*Future Comms R&D Programme, Information Systems Technology and Design (ISTD)*



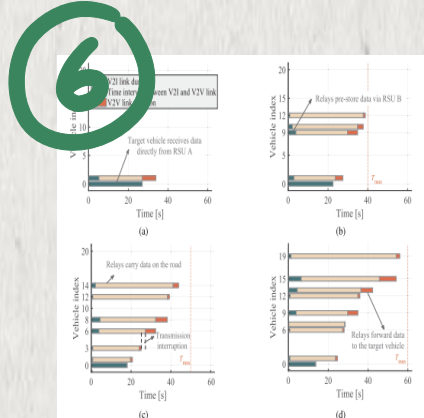
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*ICC 2023 - IEEE International Conference On Communications*  
SUTD Author: Duan Ling Jie  
*Engineering Systems Design (ESD)*



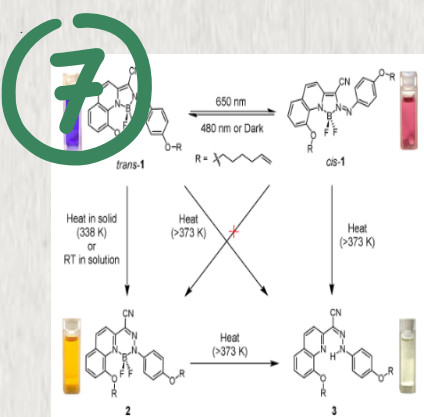
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*Journal of Environmental Chemical Engineering*  
SUTD Authors: Faten Ermala Che Othman, Low Hong Yee  
*DManD*



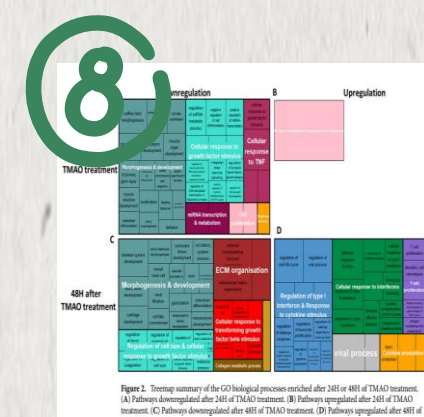
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*IEEE Transactions On Communications*  
SUTD Authors: Yang Wanting, Xiong Zehui, Jiang Wenchao  
*Information Systems Technology and Design (ISTD)*



### 1,2-BF2 Shift and Photoisomerization Induced Multichromatic Response

*Journal of The American Chemical Society*  
SUTD Authors: Huang Shiqing, Liu Xiaogang  
*Fluorescence Research Group*



### Time-dependent specific molecular signatures of inflammation and remodelling are associated with trimethylamine-N-oxide (TMAO)-induced endothelial cell dysfunction

*Scientific Reports*  
SUTD Authors: Meyammai Shanmugham, Arun George Devasia, Chin Yu Ling, Cheong Kang Hao, Ong Eng Shi, Leo Chen Huei  
*Science, Mathematics & Technology (SMT)*