

Urban and GreenTech - Hydrogen Technology			
No.	A*STAR Supervisor's Name	University Supervisor's Name	Project Title
1	Dr. Armando Borgna, Dr. Chen Luwei, Dr. Liu Yan A*STAR, Institute Of Chemical And Engineering Sciences Dr. Fam Wen Hui Derrick A*STAR, Institute of Materials Research and Engineering	Associate/Prof Zhao Dan National University of Singapore	Hydrogen Storage in Metal–Organic Frameworks
2	Dr. Liu Songlin A*STAR, Institute of Materials Research and Engineering	Associate/Prof Jiang Jianwen National University of Singapore	Data-Driven Membrane Development for H2 Purification
3	Dr. Alexander Genest A*STAR, Institute of High Performance Computing	Assistant/Prof Sergey Kozlov National University of Singapore	Novel Liquid Organic Materials and Catalysts for Hydrogen Storage
4	Dr. Zhang Yugen A*STAR, Institute of Bioengineering and Nanotechnology	Associate/Prof Sibudjing Kawi National University of Singapore	Hollow Fiber Catalytic Ni@Pd Membrane for Simultaneous Production of Pure Hydrogen and Carbon Nanotubes via CH4 Decomposition
5	Dr. Lim Yee Fun A*STAR, Institute of Materials Research and Engineering	Assistant/Prof Soh Siow Ling National University of Singapore	Technologies to enable a Hydrogen Economy: Simple and Effective Method of Preparing Electrocatalytic Nanomaterials for Water-Splitting Simple and Effective Method of Preparing Electrocatalytic Nanomaterials for Water-Splitting

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6	Dr. Lim Yee Fun A*STAR, Institute of Materials Research and Engineering	Assistant/Prof. Soo Han Sen Nanyang Technological University	Low-Carbon H ₂ from Seawater by Photoelectrochemical Recycling of Plastics
7		Assistant/Prof. Mihaiela Stuparu Nanyang Technological University	Fulleretic Nanoporous Polymeric Particles for Hydrogen Storage
8		Assistant/Prof. Shingo ITO Nanyang Technological University	Platinum-Free Organic Electrodes for Fuel Cells
9	Dr. Liu Yan A*STAR, Institute Of Chemical And Engineering Sciences	Prof. Xu Rong Nanyang Technological University	Liquid organic hydrogen carriers (LOHCs) for sustainable H ₂ economy