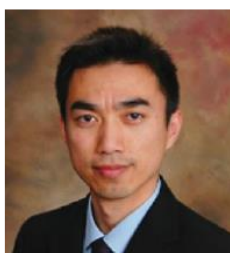


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Research Title : Understanding the Birth, Life and Death of the highly specific red CO₂-fixing Rubiscos to unlock enhanced photosynthetic efficiencies

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Research Title : A Combined Museomic and 'Earth history-guided' Field Approach to Discover the World's Last Undetected Centers of Species Endemism

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Research Title : Moiré scale engineering of atomically thin materials to achieve higher-temperature superconductivity
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Research Title : The next-generation non-volatile memory: towards THz operation
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Research Title : Engineering Biology to Reprogramme Microbiome
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Research Title : Senior-friendly Persuasive AI Companions for an Aging Population

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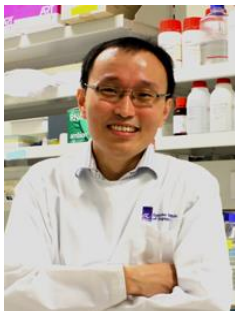


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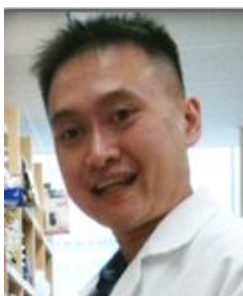


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Research Title : Deciphering the genetic architecture of age-related diseases using eye diseases as the paradigm

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Research Title : Single-cell Transcriptome and Accessibility Regions (STAR) for analyzing cell fates plasticity and heterogeneity of complex tissues

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Research Title : Engineer a robust platform for topological quantum computation using 2D materials

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Research Title : Towards >44% Perovskite Solar Cells

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Research Title : Sub-wavelength-resolution spatial light modulators based on active nanoantennas and metasurfaces
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Research Title : Identifying Novel Lgr5+ Stem Cell Populations & Evaluating their Roles in Epithelial Homeostasis, Repair and Cancer
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Research Title : Conformal electronic devices based on silk protein: Adding autonomy to an ancient material

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Research Title : Water-based rechargeable battery chemistries for new generation of safe, high energy density sustainable energy storage devices

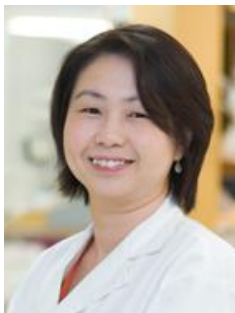
Homepage : <http://web.mse.ntu.edu.sg/homepages/madhavi/>



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Research Title : Structurally and chemically controlled G-quadruplex DNA: Understanding and application in therapeutics

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Research Title : Deformable Electronic Materials and Devices for Human Machine Interface
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Research Title : Opportunities with Carbene Organocatalysis: New Activation Modes & Metal-Free Rapid Green Access to Functional Molecules
Homepage : <http://www.ntu.edu.sg/home/robinchi/>



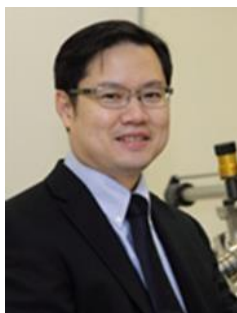
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Research Title : Extending the Reach of Flexible Robotic Surgery
Homepage : http://research.ntu.edu.sg/expertise/academicprofile/~/Pages/StaffProfile.aspx?ST_EMAILID=MSJPHEE



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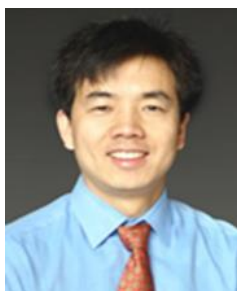
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Research Title : Aggregation Induced Emission: A Revolutionary Path to Molecular Probes and Theranostic Nanoplatforms
Homepage : <http://www.chbe.nus.edu.sg/faculty/cheliub>



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Research Title : Expanding the toolbox of laser cooling towards the next-generation optical refrigeration
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