

# Stanford

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## Suresh Thangudu

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### Bio

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#### STANFORD ADVISORS

- Ramasamy Paulmurugan, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- Modified gefitinib conjugated Fe<sub>3</sub>O<sub>4</sub> NPs for improved delivery of chemo drugs following an image-guided mechanistic study of inner vs. outer tumor uptake for the treatment of non-small cell lung cancer. *Frontiers in bioengineering and biotechnology*  
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2023; 15 (28): 11963-11971
- Synthesis of high yield, crystalline and thermally stable rare earth (Sm, Eu, Gd) oxide square nanoplates for near-infrared light activatable photocatalysis *CATALYSIS SCIENCE & TECHNOLOGY*  
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● **Safe magnetic resonance imaging on biocompatible nanoformulations** *BIOMATERIALS SCIENCE*

Thangudu, S., Huang, E., Su, C.

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● **Magnetic, biocompatible FeCO<sub>3</sub> nanoparticles for T2-weighted magnetic resonance imaging of in vivo lung tumors** *JOURNAL OF NANOBIOTECHNOLOGY*

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● **Chemical Structure and Shape Enhance MR Imaging-Guided X-ray Therapy Following Marginative Delivery** *ACS APPLIED MATERIALS & INTERFACES*

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