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## Publications

### A novel flight controller interface for vision-guided autonomous drone

Senthilnathan R, Ahuja N, Vyomkesh Bhargav G et al. [See more](#)

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*Procedia Computer Science (2018)*

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Senthilnathan R, Nandhini M, Ranjani R et al. [See more](#)

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### A color classification algorithm for vision based pallet inspection applicable in pharmaceutical industries

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*Journal of Chemical and Pharmaceutical Sciences (2016)*

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### A reactive planning based guidance for visually challenged using depth map

Ramanathan L, Senthilnathan R

*International Journal of Control Theory and Applications (2016)*

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### Depth map based reactive planning to aid in navigation for visually challenged

Lakshmanan R, Senthilnathan R

*Proceedings of 2nd IEEE International Conference on Engineering and Technology, ICETECH 2016 (2016)*

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*International Journal of Control Theory and Applications* (2016)

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## Estimation of sparse depth based on an inspiration from SFF

Senthilnathan R, Subhasree P, Sivaramakrishnan R et al. [See more](#)  
*2016 International Conference on Recent Trends in Information Technology, ICRTIT 2016* (2016)

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*International Journal of Control Theory and Applications* (2016)

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## Modelling and simulation of vision guided vertical landing system for quadrotor

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*International Journal of Control Theory and Applications* (2016)

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## Object identification based on 3-D features using structured light technique

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*International Journal of Control Theory and Applications* (2016)

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## Trajectory planning for a six axis manipulator for SFF-inspired depth estimation

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