

Publications (*List of papers published in SCI Journals, in year wise descending order*).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Nobert Thomas Pallath, Tessamma Thomas	Video Object Tracking and Analysis for Computer Assisted surgery	The international journal of Multimedia & Its Applications, AIRCC	Vol.4	27-37	2012
2.	Nobert Thomas Pallath, Tessamma Thomas	Multisensor Video Object Fusion and Interpretation for Surgical Navigation	International Journal of Engineering Research & Technology	Vol. 3	1956-66	2014

3.	Nobert Thomas Pallath, Tessamma Thomas	Evaluation of a Novel Method of Real time Computer Assisted Spine Surgery	International Journal of Scientific and Research Publications	Vol. 4	1 - 9	2014
4.	Nobert Thomas Pallath, Tessamma Thomas	Recognition of Patterns Based on Rotation Invariant Moments for Pedicle Screw Tracking	International Journal IET Computer Vision			Communicated
5.	Nobert Thomas Pallath, Tessamma Thomas	Graphical Visualization and User Interface for Computer Assisted Spine Surgery	International Journal Elsevier-- The Spine Journal			Communicated

6.	Nobert Thomas Pallath, Tessamma Thomas	Real Time Computer Assisted Surgical Navigation	IEEE International Conference on Data Science & Engineering 2012	10	128-133	2012
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13. Detail of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1.	A method and system of spine surgery	Nobert Thomas Pallath , Tessamma Thomas,	acknowledgement No. 2608/CHE/2013	Waiting for final approval	India (International Search Completed)	Published In the Patent Office Journal