

REFERENCES

- [1] Y.S. Kwoh, I.S. Reed, J.Y. Chen, H. Shao, T.K. Truong, and E.A. Jonckheere, "A new computerized tomographic aided robotic stereotactic system.", *Robot. Age* vol. 7, 1985, pp. 17-21.
- [2] H.J. Marcus, V.N. Vakharia, S. Ourselin, J. Duncan, M. Tisdall, and K. Aquilina, "Robot-assisted stereotactic brain biopsy: systematic review and bibliometric analysis.", *Child's Nervous System* vol. 34(7), 2018, pp. 1299-1309.
- [3] A. Carai, A. Mastronuzzi, A. De Benedictis, R. Messina, A. Cacchione, E. Miele and A. Savioli, "Robot-assisted stereotactic biopsy of diffuse intrinsic pontine glioma: a single-center experience.", *World neurosurgery* vol. 101, 2017, pp. 584-588.
- [4] K. Hongo, S. Kobayashi, Y. Kakizawa, J.I. Koyama, T. Goto, H. Okudera and K. Takakura, "NeuRobot: telecontrolled micromanipulator system for minimally invasive microneurosurgery-preliminary results.", *Neurosurgery* vol. 51(4), 2002, pp. 985-988.
- [5] T. Essomba, C. T. Wu, S. T. Lee and C. H. Kuo, "Mechanical design of a craniotomy robotic manipulator based on optimal kinematic and force performance.", In *Robotics and Mechatronics* Springer Cham., 2016, pp. 191-198.
- [6] M. Dehghani, M. M. Moghadam and P. Torabi, "Analysis, optimization and prototyping of a parallel RCM mechanism of a surgical robot for craniotomy surgery.", *Industrial Robot: An International Journal*, 2018.
- [7] E. Gezgin, S. Özbek, D. Güzin, O.E. Ağbaş and E.B. Gezer, "Structural design of a positioning spherical parallel manipulator to be utilized in brain biopsy.", *The International Journal of Medical Robotics and Computer Assisted Surgery* 15(5) e2011, 2019.
- [8] J. Gould, "Breaking down the epidemiology of brain cancer.", *Nature* 561(7724), 2018, pp. 40-41.
- [9] Patrick J. Lynch, medical illustrator; C. Carl Jaffe, MD, cardiologist. <https://creativecommons.org/licenses/by/2.5/>