S.NO	JOURNAL NAME	AUTHORS	OBSERVATION
1	Bio composite Multiple Uses for a New Approach in the Diagnosis of Parkinson's Disease Using a Machine Learning Algorithm	Abdallah Al-Husban Mustafa Mahdi Abdulridha A. A. Hamad Mohamad	These results were obtained when the data set in the whole group was classified with the most relevant features of 45% (accuracy: 85%, sensitivity: 0.94, specificity: 00.78, -measure: 0.86, kappa: 0.72, Acu: 0.86).
2	Imperative Role of Machine Learning Algorithm for Detection of Parkinson's Disease: Review, Challenges and Recommendations	Arti Rana Ankur Dumka Rajesh Singh Manoj Kumar Panda Neeraj Priyadarshi	PD was obtained by L1-Norm SVM with K- fold cross-validation, with 99%; in handwritten patterns, it was obtained by bagging ensemble, with 97.96%; and for gait analysis, it was obtained by SVM with 100%. This review addressed various challenges and also provided some future recommendations and opportunities, as we observed that there is still a lot of work that has to be performed in the future.
3	Predicting Severity Of Parkinson's Disease Using Deep Learning.	Srishti Grover SaloniBhartia Akshama Abhilasha Yadav SeejaK.R.	we have used a dataset of 5875 instances, the accuracy of our approach can be further improved by implementing it on a larger dataset, having a greater number of instances of each severity class as well as on a combined database of patients' voice data and other patient .

4	Detection of Parkinson's Disease Using Machine Learning Algorithm	Shrihari K Kulkarni K R Sumana	The results for algorithms based on accuracy are like this: Decision Tree 93.25%, Logistic Regression 91.25%, Naive Bayes 94.5%, and RNN 88.75%.
5	Parkinson's Disease Detection using machine Learning Techniques	C K Gomathy	We can predict the parkinson's disea se in patient's body using machine learning technology and this method makes the process easy to our user. Our analysis provides very accurate performance in detecting Parkinson's disease using XGBOOST algorithm
6	Parkinson disease onset detection Using Machine Learning	Sonia Singla	Parkinson disease data and find out XGBoost is the best Algorithm to predict the onset of the disease which will enable early treatment and save a life.
7	A Survey of Detection of Parkinson Disease using Deep Learning Technique	Sakshi Jadhav Seema Thorat Sakshi Fokane Rahul Chakre	The work is mainly focusing on advancement of predictive models to achieve good accuracy in predicting valid disease outcomes using deep learning methods like prediction based on Artificial Neural Network (ANN). In this paper, Deep Learning techniques are proposed for the prediction of Parkinson Disease in early stage.
8	Machine Learning for the Diagnosis of	Jei Mei Christian Deserosiers	Machine learning approaches therefore have the potential to provide clinicians with

	Parkinson's Disease		additional tools to screen, detect or diagnose PD.
9	Parkinson’s disease rating scales	Jamir Pitton Rissardo Ana Leticia Fornari Caprara	Instead of developing new scales, the studies should focus on the clinimetric evaluation, and assess these scales in different ethnic origins translating the scales and evaluating their quality.
10	Parkinson Disease diagnosis using machine learning	Anila M Dr. G. Pradeepini	Developing a very faster classifier using novel architecture of neural network combined with specific approach may work better.