

Plagio detectado: 80.82%

**Texto original:** of research for pharmaceutical companies and chemical scientists.

**Texto plagiado:** of research for pharmaceutical companies and chemical scientists.

**Texto original:** Drug designing and development is an important area of research for pharmaceutical companies and chemical scientists.

**Texto plagiado:** Drug designing and development is an important area of research for pharmaceutical companies and chemical scientists.

**Texto original:** low efficacy, off-target delivery, time consumption, and high cost

**Texto plagiado:** low efficacy, off-target delivery, time consumption, and high cost

**Texto original:** However, low efficacy, off-target delivery, time consumption, and high cost impose a hurdle and challenges that impact drug design and discovery.

**Texto plagiado:** However, low efficacy, off-target delivery, time consumption, and high cost impose a hurdle and challenges that impact drug design and discovery.

**Texto original:** data from genomics, proteomics, microarray data, and clinical trials

**Texto plagiado:** data from genomics, proteomics, microarray data, and clinical trials

**Texto original:** Further, complex and big data from genomics, proteomics, microarray data, and clinical trials also impose an obstacle in the drug discovery pipeline.

**Texto plagiado:** Further, complex and big data from genomics, proteomics, microarray data, and clinical trials also impose an obstacle in the drug discovery pipeline.

**Texto original:** Artificial intelligence and machine learning technology play a crucial role in drug discovery and development.

**Texto plagiado:** Artificial intelligence and machine learning technology play a crucial role in drug discovery and development.

**Texto original:** In other words, artificial neural networks and deep learning algorithms have modernized the area.

**Texto plagiado:** In other words, artificial neural networks and deep learning algorithms have modernized the area.

**Texto original:** peptide synthesis, structure-based virtual screening, ligand-based virtual screening, toxicity prediction, drug monitoring and release, pharmacophore modeling, quantitative structure–activity relationship, drug repositioning, polypharmacology, and physiochemical activity.

**Texto plagiado:** peptide synthesis, structure-based virtual screening, ligand-based virtual screening, toxicity prediction, drug monitoring and release, pharmacophore modeling, quantitative structure–activity relationship, drug repositioning, polypharmacology, and physiochemical activity.

**Texto original:** Machine learning and deep learning algorithms have been implemented in several drug discovery processes such as peptide synthesis, structure-based virtual screening, ligand-based virtual screening, toxicity prediction, drug monitoring and release, pharmacophore modeling, quantitative structureâ€“activity relationship, drug repositioning, polypharmacology, and physiochemical activity.

**Texto plagiado:** Machine learning and deep learning algorithms have been implemented in several drug discovery processes such as peptide synthesis, structure-based virtual screening, ligand-based virtual screening, toxicity prediction, drug monitoring and release, pharmacophore modeling, quantitative structureâ€“activity relationship, drug repositioning, polypharmacology, and physiochemical activity.

**Texto original:** Evidence from the past strengthens the implementation of artificial intelligence and deep learning in this field.

**Texto plagiado:** Evidence from the past strengthens the implementation of artificial intelligence and deep learning in this field.

**Texto original:** artificial intelligence and deep learning

**Texto plagiado:** artificial intelligence and deep learning

**Texto original:** , novel data mining, curation, and management techniques

**Texto plagiado:** , novel data mining, curation, and management techniques

**Texto original:** Moreover, novel data mining, curation, and management techniques provided

**critical support to recently developed modeling algorithms.**

**Texto plagiado: Moreover, novel data mining, curation, and management techniques provided critical support to recently developed modeling algorithms.**

**Texto original: artificial intelligence and deep learning**

**Texto plagiado: artificial intelligence and deep learning**

**Texto original: In summary, artificial intelligence and deep learning advancements provide an excellent opportunity for rational drug design and discovery process, which will eventually impact mankind.**

**Texto plagiado: In summary, artificial intelligence and deep learning advancements provide an excellent opportunity for rational drug design and discovery process, which will eventually impact mankind.**