

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

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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.