

Searching stagey:

Searched database: PubMed, Medline, Web of Science, Cochrane (Wiley) and Scopus

Searching Date: 22-08-2021

No filters applied and no publication date restrictions.

1- PubMed:

Search	Query	Field	Records retrieved
#1	algorithm OR algorithm* OR "artificial intelligence" OR AI OR automatic OR automated OR semi-automatic OR semi-automated OR "deep learning" OR "Convolutional neural network" OR CNN OR "machine learning"	All Field	1,761,241
#2	"mandibular canal" OR "inferior alveolar canal" OR "inferior alveolar nerve"	All Field	3,872
#3	#1 AND #2 (algorithm OR algorithm* OR "artificial intelligence" OR AI OR automatic OR automated OR semi-automatic OR semi-automated OR "deep learning" OR "Convolutional neural network" OR CNN OR "machine learning") AND ("mandibular canal" OR "inferior alveolar canal" OR "inferior alveolar nerve")		78

2- Medline (Ovid):

Search	Query	Field	Records retrieved
#1	algorithm OR algorithm* OR artificial intelligence OR AI OR automatic OR automated OR semi-automatic OR semi-automated OR deep learning OR Convolutional neural network OR CNN OR machine learning	.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-	553,434

		heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	
#2	mandibular canal or inferior alveolar canal or inferior alveolar nerve	.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary	3,281

		ntary concept word, protocol suppleme ntary concept word, rare disease suppleme ntary concept word, unique identifier, synonyms]	
#3	#1 AND #2		46

Cochrane (Wiley):

Search	Query	Field	Records retrieved
#1	algorithm OR algorithm* OR “artificial intelligence” OR AI OR automatic OR automated OR semi-automatic OR semi- automated OR deep learning OR “Convolutional neural network” OR CNN OR “machine learning”	Title/Abst ract/Key words	36,696
#2	“mandibular canal” or “inferior alveolar canal” or “inferior alveolar nerve”	Title/Abst ract/Key words	757
#3	#1 AND #2		3

Web of Science:

Search	Query	Field	Records retrieved
#1	ALL=(algorithm OR algorithm* OR “artificial intelligence” OR AI OR automatic OR automated OR semi-automatic OR semi-automated OR “deep learning” OR “Convolutional neural network” OR CNN OR “machine learning”)	Index es=SCI - EXPA NDED,	3,698,137

		SSCI, A&HCI , CPCI- S, CPCI- SSH, BKCI- S, BKCI- SSH, ESCI, CCR- EXPA NDED, IC Times pan=A II	
#2	ALL=("mandibular canal" OR "inferior alveolar canal" OR "inferior alveolar nerve")	Index es=SCI - EXPA NDED, SSCI, A&HCI , CPCI- S, CPCI- SSH, BKCI- S, BKCI- SSH, ESCI, CCR- EXPA NDED, IC Times pan=A II	3,717
#3	#1 AND #2 (ALL=(algorithm OR algorithm* OR "artificial intelligence" OR AI automatic OR automated OR semi-automatic OR semi-automated		50

	OR “deep learning” OR “Convolutional neural network” OR CNN OR “machine learning”)) AND ALL=(“mandibular canal” OR “inferior alveolar canal” OR “inferior alveolar nerve”)	
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Scopus: 19/08/2021

Search	Query	Field	Records retrieved
#1	ALL (algorithm OR algorithm* OR "artificial intelligence" OR ai OR automatic OR automated OR semi-automatic OR semi-automated OR "deep learning" OR "Convolutional neural network" OR cnn OR “machine learning”)	All Field	10,303,872
#2	ALL ("mandibular canal" OR "inferior alveolar canal" OR "inferior alveolar nerve")	All Field	4,820
#3	#1 AND #2 (ALL (algorithm OR algorithm* OR "artificial intelligence" OR ai OR automatic OR automated OR semi-automatic OR semi-automated OR "deep learning" OR "Convolutional neural network" OR cnn OR “machine learning”) AND ALL ("mandibular canal" OR "inferior alveolar canal" OR "inferior alveolar nerve"))		813