

Supplemental Appendix

Supplemental Appendix 1. Complete Search Terms

Embase

Embase session results (24 Oct 2024)

No., Query, Results

#28, #27 AND 'Article'/it, 530

#27, #8 AND #26, 755

#26, #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR
#20 OR #21 OR #22 OR #23 OR #24 OR #25, 753539

#25, 'computer vision', 13810

#24, 'temporal convolutional networks', 89

#23, 'gate recurrent unit', 74

#22, 'long short term memory', 7471

#21, 'chatgpt', 5179

#20, 'generative pretrained transformer', 527

#19, 'neural networks', 77974

#18, 'large language model', 2960

#17, 'pattern recognition', 84596

#16, 'unsupervised machine learning', 4257

#15, 'supervised machine learning', 7584

#14, 'deep learning', 89605

#13, 'machine learning', 186514

#12, 'computer vision system', 257

#11, a.i., 176709

#10, ai, 176051

#9, 'artificial intelligence', 126552

#8, #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7, 68153

#7, 'micro neurosurgery', 58

#6, 'craniomaxillofacial surgery', 1476

#5, 'microvascular reconstructive', 263

#4, 'microvessel surgery', 2

#3, 'microvascular reconstruction', 1239

#2, 'cerebral revascularization', 3942

#1, 'microsurgery'/exp OR 'microsurgery', 65424

PubMed

(("microsurgery"[MeSH Terms] OR "microsurgery"[Title/Abstract] OR "cerebral revascularization"[Title/Abstract] OR "microvascular reconstruction"[Title/Abstract] OR "microvessels/surgery"[MeSH Terms] OR "venules/surgery"[MeSH Terms] OR "lymphatic vessels/surgery"[MeSH Terms] OR ("microvascular-reconstructive"[All Fields] AND "craniomaxillofacial surgery"[Title/Abstract]) OR "microvascular"[Title/Abstract] OR "microvascular anastomoses"[Title/Abstract]) OR (micro-neurosurgery[Title/Abstract])) AND ("Artificial Intelligence"[MeSH Terms] OR "Artificial Intelligence"[Title/Abstract] OR "ai"[Title/Abstract] OR "AI"[Title/Abstract] OR "computer vision system"[Title/Abstract] OR "machine learning"[MeSH Terms] OR "deep learning"[MeSH Terms] OR "Supervised Machine Learning"[MeSH Terms] OR "Unsupervised Machine Learning"[MeSH Terms] OR "pattern recognition"[Title/Abstract] OR "large language model"[Title/Abstract] OR "neural networks"[Title/Abstract] OR "generative pre trained transformer"[Title/Abstract] OR "chat gpt"[Title/Abstract] OR "long short term memory"[Title/Abstract] OR "gate recurrent unit"[Title/Abstract] OR "temporal convolutional networks"[Title/Abstract]) OR (Computer vision[Title/Abstract]))

Results: 1003

Scopus

((TITLE-ABS-KEY ("Artificial Intelligence") OR TITLE-ABS-KEY (ai) OR TITLE-ABS-KEY (a.i.) OR TITLE-ABS-KEY ("computer vision system") OR TITLE-ABS-KEY ("machine learning") OR TITLE-ABS-KEY ("deep Learning") OR TITLE-ABS-KEY ("Supervised Machine Learning") OR TITLE-ABS-KEY ("Unsupervised Machine Learning")

OR TITLE-ABS-KEY ("pattern recognition") OR TITLE-ABS-KEY ("large language model") OR TITLE-ABS-KEY ("neural networks") OR TITLE-ABS-KEY ("generative pre trained transformer") OR TITLE-ABS-KEY ("chat gpt") OR TITLE-ABS-KEY ("long short term memory") OR TITLE-ABS-KEY ("gate recurrent unit") OR TITLE-ABS-KEY ("temporal convolutional networks") OR TITLE-ABS-KEY ("Computer vision")) AND ((TITLE-ABS-KEY (microsurg*) OR TITLE-ABS-KEY ("microvascular surgery") OR TITLE-ABS-KEY ("microvascular reconstruction") OR TITLE-ABS-KEY ("microvessel surgery") OR TITLE-ABS-KEY ("lymphatic vessel surgery") OR TITLE-ABS-KEY ("craniomaxillofacial surgery") OR TITLE-ABS-KEY ("microvascular anastomoses") OR TITLE-ABS-KEY ("micro-neurosurgery"))))

Results: 361

Web of Science

microsurgery (Topic) or cerebral revascularization (Topic) or microvascular reconstruction (Topic) or microvessels surgery (Topic) or venules surgery (Topic) or lymphatic vessels surgery (Topic) or microvascular-reconstructive (Topic) or craniomaxillofacial surgery (Topic) or microvascular (Topic) or microvascular anastomoses (Topic) or micro-neurosurgery (Topic)

AND

Artificial Intelligence (Topic) or AI (Topic) or computer vision system (Topic) or machine learning (Topic) or deep learning (Topic) or Supervised Machine Learning (Topic) or Unsupervised Machine Learning (Topic) or pattern recognition (Topic) or large language model (Topic) or neural networks (Topic) or generative pre trained transformer (Topic) or chat gpt

(Topic) or long short term memory (Topic) or gate recurrent unit (Topic) or temporal convolutional networks (Topic) or computer vision (Topic) or OpenAI (Topic)

Results : 1423