

Search strategy :

Database	Query	N=
Web Of Science	(TS=(Children) OR TS=(paediatrics) OR TS=("cerebral palsy") OR TS=(hemipleg*) OR TS=("neurodevelopmental disorders") OR TS=("developmental disabilities") OR TS=("Neuromotor Impairments") OR TS=(hemiparesis) OR TS=("developmental coordination disorder") OR TS=(DCD) OR TS=(ADHD) OR TS=("Pediatric neuromuscular disorders") OR TS=("Duchenne muscular dystrophy") OR TS=("Friedreich ataxia") OR TS=("children with disabilit*") OR TS=("children with difficult*") OR TS=(burn*) OR TS=(TBI) OR TS=("traumatic brain injury")) AND (TS= ("virtual reality") OR TS=("virtual environment") OR TS=("augmented reality")OR TS=("mixed reality") OR TS=("computer gam*") OR TS=("serious gam*") OR TS=("active video gam*") OR TS=("video gam*") OR TS=(exergam*) OR TS=(Wii) OR TS=(Kinect) OR TS=("leap motion") OR TS=(haptic) OR TS=("haptic feedback") OR TS=("haptic guidance") OR TS=("haptic devices")) AND (TS= ("motor skills") OR TS=("fine motor skills") OR TS=("fine motor function") OR TS=("fine motor development") OR TS=("fine motor control") OR TS=("upper limb") OR TS=("upper extremity") OR TS=("upper limb function") OR TS=("hand function") OR TS=("visuo-motor abilities") OR TS=("manual dexterity") OR TS=(hand) OR TS=(fingers) OR TS=("handwriting") OR TS=("hand tracking")) AND (TS= (rehabilitation) OR TS=("physical therapy") OR TS=("occupational therapy") OR TS=(therapy) OR TS=(treatment) OR TS=(intervention))	959
PubMed	("child"[MeSH Terms] OR "pediatrics"[MeSH Terms] OR Children[tiab] OR paediatrics[tiab] OR "cerebral palsy"[MeSH Terms] OR "cerebral palsy"[tiab] OR "hemipleg*" [tiab] OR "neurodevelopmental disorders"[tiab] OR "developmental disabilities"[tiab] OR "Neuromotor Impairments"[tiab] OR "hemiparesis"[tiab] OR "developmental coordination disorder"[tiab] OR "DCD"[tiab] OR "ADHD"[tiab] OR "burns"[tiab] OR "traumatic brain injury"[tiab] OR TBI[tiab] OR "Pediatric neuromuscular disorders"[tiab] OR "Duchenne muscular dystrophy"[tiab] OR "Friedreich ataxia"[tiab] OR "children with difficult*" [tiab] OR "children with disabilit*" [tiab]) AND ("virtual reality"[MeSH Terms] OR "augmented reality"[MeSH Terms] OR "virtual reality"[tiab] OR "virtual environment"[tiab] OR "augmented reality"[tiab] OR "mixed reality"[tiab] OR "computer gam*" [tiab] OR "serious gam*" [tiab] OR "active video gam*" [tiab] OR "video gam*" [tiab] OR "exergame"[tiab] OR "Wii"[tiab] OR "Kinect"[tiab] or "leap motion"[tiab] OR "hand tracking"[tiab] OR "haptic feedback"[tiab] OR haptic[tiab] OR "haptic guidance"[tiab] OR "haptic devices"[tiab] OR "haptic interfaces"[MeSH Terms] OR "haptic technology"[MeSH Terms]) AND ("motor skills"[tiab] OR "fine motor skills"[tiab] OR "fine motor function"[tiab] OR "fine motor development"[tiab] OR "fine motor control"[tiab] OR "upper limb"[tiab] OR "upper extremity"[tiab] OR "upper limb function"[tiab] OR "hand function"[tiab] OR "visuo-motor abilities"[tiab] OR "manual dexterity"[tiab] OR "hand"[tiab] OR "fingers"[tiab] OR dexterity[tiab] OR "handwriting"[tiab] OR "handwriting"[MeSH Terms] OR "motor skills"[MeSH Terms] OR "upper extremity"[MeSH Terms]) AND ("rehabilitation"[tiab] OR "physical therapy"[tiab] OR "occupational therapy"[tiab] OR therapy[tiab] OR	528

	treatment[tiab] OR intervention[tiab] OR "rehabilitation"[MeSH Terms] OR "physical therapy modalities"[MeSH Terms] OR "occupational therapy"[MeSH Terms])	
PsycInfo	("child"[MeSH Terms] OR "pediatrics"[MeSH Terms] OR Children OR paediatrics OR "cerebral palsy"[MeSH Terms] OR "cerebral palsy" OR "hemipleg*" OR "neurodevelopmental disorders" OR "developmental disabilities" OR "Neuromotor Impairments" OR "hemiparesis" OR "developmental coordination disorder" OR "DCD" OR "ADHD" OR "burns" OR "traumatic brain injury" OR TBI OR "Pediatric neuromuscular disorders" OR "Duchenne muscular dystrophy" OR "Friedreich ataxia" OR "children with difficult*" OR "children with disabilit*") AND ("virtual reality"[MeSH Terms] OR "augmented reality"[MeSH Terms] OR "virtual reality" OR "virtual environment" OR "augmented reality" OR "mixed reality" OR "computer gam*" OR "serious gam*" OR "active video gam*" OR "video gam*" OR "exergame" OR "Wii" OR "Kinect" OR "leap motion" OR "hand tracking" OR "haptic feedback" OR haptic OR "haptic guidance" OR "haptic devices" OR "haptic interfaces"[MeSH Terms] OR "haptic technology"[MeSH Terms]) AND ("motor skills" OR "fine motor skills" OR "fine motor function" OR "fine motor development" OR "fine motor control" OR "upper limb" OR "upper extremity" OR "upper limb function" OR "hand function" OR "visuo-motor abilities" OR "manual dexterity" OR "hand" OR "fingers" OR dexterity OR "handwriting" OR "handwriting"[MeSH Terms] OR "motor skills"[MeSH Terms] OR "upper extremity"[MeSH Terms]) AND ("rehabilitation" OR "physical therapy" OR "occupational therapy" OR therapy OR treatment OR intervention OR "rehabilitation"[MeSH Terms] OR "physical therapy modalities"[MeSH Terms] OR "occupational therapy"[MeSH Terms])	244
Scopus	(TITLE-ABS-KEY (children OR paediatrics OR "cerebral palsy" OR "hemipleg*" OR "neurodevelopmental disorders" OR "developmental disabilities" OR "Neuromotor Impairments" OR "hemiparesis" OR "developmental coordination disorder" OR "DCD" OR "ADHD" OR "burns" OR "traumatic brain injury" OR tbi OR "Pediatric neuromuscular disorders" OR "Duchenne muscular dystrophy" OR "Friedreich ataxia" OR "children with difficult*" OR "children with disabilit*") AND TITLE-ABS-KEY ("virtual reality" OR "virtual environment" OR "augmented reality" OR "mixed reality" OR "computer gam*" OR "serious gam*" OR "active video gam*" OR "video gam*" OR "exergame" OR "Wii" OR "Kinect" OR "leap motion" OR "haptic feedback" OR haptic OR "haptic guidance" OR "haptic devices") AND TITLE-ABS-KEY ("motor skills" OR "fine motor skills" OR "fine motor function" OR "fine motor development" OR "fine motor control" OR "upper limb" OR "upper extremity" OR "upper limb function" OR "hand function" OR "visuo-motor abilities" OR "manual dexterity" OR "hand" OR "fingers" OR dexterity OR "handwriting" OR "hand tracking") AND TITLE-ABS-KEY ("rehabilitation" OR "physical therapy" OR "occupational therapy" OR therapy OR treatment OR intervention))	1303