

CINAHL Complete (EBSCOHost) – no filters, no expanders checked

(TI (Keyboarding OR Keyboard OR Keyboards OR Typing OR “Touch-typing”) OR AB (Keyboarding OR Keyboard OR Keyboards OR Typing OR “Touch-typing”)) AND (MH (“Skill Acquisition”) OR MH (“Computer-Assisted Instruction”) OR TI (Instruction OR CAI OR Education OR Program* OR “Skill Acquisition*” OR Teaching OR Training OR Learning OR “Instructional Outcome” OR “Instructional Outcomes” OR “Learner Outcome” OR “Learner Outcomes” OR intervention OR interventions) OR AB (Instruction OR CAI OR Education OR Program* OR “Skill Acquisition*” OR Teaching OR Training OR Learning OR “Instructional Outcome” OR “Instructional Outcomes” OR “Learner Outcome” OR “Learner Outcomes” OR intervention OR interventions)) AND (MH (“word processing”) OR MH (“spelling”) OR TI (speed OR speeds OR automaticity OR accuracy OR accurate OR fluency OR “word processing” OR spelling OR “narrative-writing” OR “narrative writing” OR “written expression” OR composition) OR AB (speed OR speeds OR automaticity OR accuracy OR accurate OR fluency OR “word processing” OR spelling OR “narrative-writing” OR “narrative writing” OR “written expression” OR composition))

MEDLINE via PubMed

(Keyboarding[tiab] OR Keyboard[tiab] OR Keyboards[tiab] OR Typing[tiab] OR “Touch-typing”[tiab]) AND (“Computer-Assisted Instruction”[Mesh] OR Instruction[tiab] OR CAI[tiab] OR Education[tiab] OR Program*[tiab] OR “Skill Acquisition*”[tiab] OR Teaching[tiab] OR Training[tiab] OR Learning[tiab] OR “Instructional Outcome”[tiab] OR “Instructional Outcomes”[tiab] OR “Learner Outcome”[tiab] OR “Learner Outcomes”[tiab] OR intervention[tiab] OR interventions[tiab]) AND (“word processing”[Mesh] OR speed[tiab] OR speeds[tiab] OR automaticity[tiab] OR accuracy[tiab] OR accurate[tiab] OR fluency[tiab] OR “word processing”[tiab] OR spelling[tiab] OR “narrative-writing”[tiab] OR “narrative writing”[tiab] OR “written expression”[tiab] OR composition[tiab])

Embase – unchecked mapping options and used English language filter

(Keyboarding:ti,ab OR Keyboard:ti,ab OR Keyboards:ti,ab OR Typing:ti,ab OR 'Touch-typing':ti,ab) AND ('Computer assisted education'/exp OR Instruction:ti,ab OR CAI:ti,ab OR Education:ti,ab OR Program*:ti,ab OR 'Skill Acquisition*':ti,ab OR Teaching:ti,ab OR Training:ti,ab OR Learning:ti,ab OR 'Instructional Outcome':ti,ab OR 'Instructional Outcomes':ti,ab OR 'Learner Outcome':ti,ab OR 'Learner Outcomes':ti,ab OR intervention:ti,ab OR interventions:ti,ab) AND ('word processing'/exp OR speed:ti,ab OR speeds:ti,ab OR automaticity:ti,ab OR accuracy:ti,ab OR accurate:ti,ab OR fluency:ti,ab OR 'word processing':ti,ab OR spelling:ti,ab OR 'narrative-writing':ti,ab OR 'narrative writing':ti,ab OR 'written expression':ti,ab OR composition:ti,ab)

PsycINFO (EBSCOHost) – used English language filter

(TI (Keyboarding OR Keyboard OR Keyboards OR Typing OR “Touch-typing”) OR AB (Keyboarding OR Keyboard OR Keyboards OR Typing OR “Touch-typing”)) AND (TI (Instruction OR CAI OR Education OR Program* OR “Skill Acquisition*” OR Teaching OR Training OR Learning OR “Instructional Outcome” OR “Instructional Outcomes” OR “Learner Outcome” OR “Learner Outcomes” OR intervention OR interventions) OR AB (Instruction OR CAI OR Education OR Program* OR “Skill Acquisition*” OR Teaching OR Training OR Learning OR “Instructional Outcome” OR “Instructional Outcomes” OR “Learner Outcome” OR “Learner Outcomes” OR intervention OR interventions)) AND ((DE “word processing”) OR

TI (speed OR speeds OR automaticity OR accuracy OR accurate OR fluency OR “word processing” OR spelling OR “narrative-writing” OR “narrative writing” OR “written expression” OR composition) OR AB (speed OR speeds OR automaticity OR accuracy OR accurate OR fluency OR “word processing” OR spelling OR “narrative-writing” OR “narrative writing” OR “written expression” OR composition))

Education Research Complete (EBSCOHost) - unchecked equivalent subjects, applied English language filter

(TI (Keyboarding OR Keyboard OR Keyboards OR Typing OR “Touch-typing”) OR AB (Keyboarding OR Keyboard OR Keyboards OR Typing OR “Touch-typing”)) AND (TI (Instruction OR CAI OR Education OR Program* OR “Skill Acquisition*” OR Teaching OR Training OR Learning OR “Instructional Outcome” OR “Instructional Outcomes” OR “Learner Outcome” OR “Learner Outcomes” OR intervention OR interventions) OR AB (Instruction OR CAI OR Education OR Program* OR “Skill Acquisition*” OR Teaching OR Training OR Learning OR “Instructional Outcome” OR “Instructional Outcomes” OR “Learner Outcome” OR “Learner Outcomes” OR intervention OR interventions)) AND ((SU “word processing education”) OR (SU “orthography and spelling”) OR TI (speed OR speeds OR automaticity OR accuracy OR accurate OR fluency OR “word processing” OR spelling OR “narrative-writing” OR “narrative writing” OR “written expression” OR composition) OR AB (speed OR speeds OR automaticity OR accuracy OR accurate OR fluency OR “word processing” OR spelling OR “narrative-writing” OR “narrative writing” OR “written expression” OR composition))

ProQuest Search – used English language filter

Limited to databases - ProQuest Central OR ProQuest Dissertations & Theses Global OR Research Library OR Education Research Index OR ERIC OR Education Database OR Nursing & Allied Health Database

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Scopus – applied English language filter

TITLE-ABS-KEY ((Keyboarding OR Keyboard OR Keyboards OR Typing OR {Touch-typing}) AND (Instruction OR CAI OR Education OR Program* OR {Skill Acquisition*} OR Teaching OR Training OR Learning OR {Instructional Outcome} OR {Instructional Outcomes} OR {Learner Outcome} OR {Learner Outcomes} OR intervention OR interventions) AND (speed OR speeds OR automaticity OR accuracy OR

accurate OR fluency OR {word processing} OR spelling OR {narrative-writing} OR {narrative writing} OR {written expression} OR composition))