

Supplemental Digital Content 2: Search String Pubmed

1. (child*[tiab] OR toddler*[tiab] OR paediatric*[tiab] OR pediatric* [tiab] OR baby [tiab] OR babies [tiab] OR infant* [tiab] OR pre-school* [tiab] OR adolescent*[tiab] OR child [MeSH] OR paediatric [MeSH] OR pediatric [MeSH] OR baby [MeSH] OR infant [MeSH] OR "Child Behavior" [MeSH]) AND ((cochlea*[tiab] OR cochlea [MeSH]) AND (implant*[tiab] OR devic*[tiab])) OR ("Cochlear Implants" [MeSH] OR "Cochlear Implantation" [MeSH] OR "Cochlear Implant"[MeSH] OR Deafness [MeSH] OR "Hearing Loss" [MeSH])
2. ((speech [tiab] OR speech [MeSH] OR speak* [tiab] OR voc* [tiab] OR verbal* [tiab] OR languag* [tiab] OR communicat* [tiab] OR convers* [tiab] OR talk* [tiab]) AND (percept* [tiab] OR produc* [tiab] OR develop* [tiab] OR skill* [tiab] OR perform* [tiab] OR comprehend* [tiab] OR progress* [tiab] OR recog* [tiab] OR acquis* [tiab] OR intelligibilit* [tiab] OR reprod* [tiab] OR communicat* [tiab] OR reason* [tiab]) OR "Language Development" [MeSH] OR "Speech Perception" [MeSH] OR "Speech Intelligibility" [MeSH]) OR ((expressiv*[tiab] OR receptiv* [tiab] OR auditor* [tiab] OR hear* [tiab] AND (languag* [tiab] OR skill* [tiab]) OR "Child Language" [MeSH] OR "Verbal Behavior" [MeSH] OR "Language Tests" [MeSH])
3. (((famil*[tiab] OR Family [MeSH]) AND (environment*[tiab] OR participat*[tiab] OR support*[tiab] OR background*[tiab] OR dynamic*[tiab] OR intervention*[tiab] OR size[tiab] OR expect*[tiab] OR climate[tiab] OR health [tiab])) OR "Family Environment" [MeSH] OR "Family Characteristics" [MeSH] OR "Family Health" [MeSH]) OR ((parent*[tiab]) AND (utterance[tiab] OR stress[tiab])) OR ((matern*[tiab]) AND (education[tiab] OR attach*[tiab] OR sensitive*[tiab] OR react*[tiab] or self-efficacy[tiab])) OR ("Socio-economic status" [MeSH] OR "Socioeconomic Factors" [MeSH] OR "Parent-Child Relations" [MeSH] OR "Social Environment" [MeSH] OR "Educational Status" [MeSH] OR "Social Support" [MeSH])
4. #1 AND #2 AND #3