Supplemental Digital Content 2: Sample search strategy (PubMed)

Search conducted on February 01, 2022

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| **Search** | **Query** | **Records retrieved** |
| #1 | Infant Feeding – CONCEPT  "Milk Ejection"[Mesh] OR "Breast Feeding"[TIAB] OR "breastfeeding"[TIAB] OR "Breast Milk Expression"[Mesh] OR "breast milk"[TIAB] OR "Breast Milk"[OT] OR breastmilk[TIAB] OR "Infant Nutritional Physiological Phenomena"[Mesh] OR “supplementary feeding”[TIAB] OR “complementary feeding”[TIAB] OR “infant feeding”[TIAB] OR “infant nutrition”[TIAB] OR "Bottle Feeding"[Mesh] OR bottlefeeding[TIAB] OR bottlefed[TIAB] OR “human milk”[TIAB] OR “human milk”[OT] OR “bottle feeding”[TIAB] OR “bottle fed”[TIAB] OR bottlefed[TIAB] OR "Milk, Human"[Mesh] OR "Infant Food"[Mesh] OR “infant food”[TIAB] OR "donor milk"[TIAB] OR "donor milk"[OT] OR breastfed[TIAB] OR “breast fed”[TIAB] | 109139 |
| #2 | Microbiome – CONCEPT  "Gastrointestinal Microbiome"[MeSH Terms] OR "microbiome"[TW] OR "microbiota"[MeSH Terms] OR "microbiota"[TW] OR "enteric bacteria"[TW] OR "microflora"[TW] OR "biota"[MeSH Terms] OR "biota"[TIAB] OR "gastrointestinal tract"[MeSH Terms] OR "gastrointestinal tract"[TW] OR "gi tract"[TW] OR "gut seeding" | 815454 |
| #3 | NAS – Concept  "analgesics, opioid"[Pharmacological Action] OR "analgesics, opioid"[MeSH] OR "opioid"[TIAB] OR opiate[TIAB] OR "opioid analgesics"[TIAB] OR Narcotics[MeSH] OR narcotic[TIAB] OR narcotics[TIAB] OR "Heroin"[Mesh] OR "Heroin Dependence"[Mesh] OR heroin[TIAB] OR heroin[OT] OR "Morphine Derivatives"[Mesh] OR morphine[TIAB] OR codeine[TIAB] OR hydrocodone[TIAB] OR oxycodone[TIAB] OR dihydromorphine[TIAB] OR ethylmorphine[TIAB] OR hydromorphone[TIAB] OR oxymorphone[TIAB] OR thebaine[TIAB] OR Opium[MeSH] OR opium[TIAB] OR "Opioid-Related Disorders"[Mesh] OR "Opioid Epidemic"[Mesh] OR "Methadone"[Mesh] OR methadone[TIAB] OR "Buprenorphine"[Mesh] OR "Buprenorphine"[TIAB] OR "neonatal opioid withdrawal" OR "neonatal opioid withdrawal syndrome" OR (("infant, newborn"[MeSH Terms] OR "infant"[TIAB] OR "newborn"[TIAB] OR "newborn infant"[TIAB] OR "neonate"[TIAB] OR baby[TIAB] OR babies[TIAB]) AND ("analgesics, opioid"[Pharmacological Action] OR "analgesics, opioid"[MeSH Terms] OR opiates[TIAB] OR opioid[TIAB] OR opioids[TIAB] OR opiate[TIAB] OR "Substance Withdrawal Syndrome"[Mesh])) OR ("neonatal"[TIAB] AND "passive"[TIAB] AND "addiction"[TIAB]) OR "neonatal passive addiction"[TW] OR ("neonatal"[TIAB] AND "substance"[TIAB] AND "withdrawal"[TIAB]) OR "neonatal substance withdrawal"[TW] OR NOWS[TW] OR "neonatal abstinence syndrome"[MeSH Terms] OR "neonatal abstinence"[TW] | 216229 |
| #4 | #1 AND #2 AND #3 | 21 |
| Limited to date: 2009 | | 13 |
| Limited to English | | 12 |