

Key search 1E (retrospective, with NTP neurotoxicity terms)

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98. (((((((("Fluorides"[Mesh:NoExp] OR "Fluorides, Topical"[Mesh] OR "Sodium Fluoride"[Mesh] OR "Calcium Fluoride"[Mesh] OR "sulfuryl fluoride" [Supplementary Concept] OR "hexafluorosilicic acid" [Supplementary Concept] OR "hexafluorosilicate" [Supplementary Concept] OR "potassium fluoride" [Supplementary Concept] OR "ammonium fluoride" [Supplementary Concept] OR "boron trifluoride" [Supplementary Concept] OR Fluoride[tiab] OR Fluorides[tiab] OR "16984-48-8"[tiab] OR 16984488[tiab] OR "Fluoride ion"[tiab] OR "Sulfuryl fluoride"[tiab] OR "sulfonyl fluoride"[tiab] OR Vikane[tiab] OR "Fluorosilicic acid"[tiab] OR hydrofluorosilicate[tiab] OR "Sodium hexafluorosilicate"[tiab] OR "disodium hexafluorosilicate"[tiab] OR "sodium fluorosilicate"[tiab] OR "Sodium fluoride"[tiab] OR "Potassium fluoride"[tiab] OR "Calcium fluoride"[tiab] OR "Ammonium fluoride"[tiab] OR "Boron trifluoride"[tiab] OR "Diethyl ether-boron trifluoride"[tiab] OR (organopolysiloxanes[tiab] AND "fluorinated group*" [tiab])))) AND (((Aryl Hydrocarbon Hydroxylases[mh] OR Aryl Hydrocarbon Receptor Nuclear Translocator[mh] OR Behavior and Behavior Mechanisms[mh] OR Gene Expression Regulation[mh] OR Glucuronosyltransferase[mh] OR Intelligence tests[mh] OR Malate Dehydrogenase[mh] OR Mediator Complex Subunit 1[mh] OR Mental disorders[mh] OR Mental processes[mh] OR Monocarboxylic Acid

Transporters[mh] OR Myelin Basic Protein[mh] OR nervous system[mh] OR nervous system diseases[mh] OR nervous system physiological phenomena[mh] OR Neurogranin[mh] OR Oligodendroglia[mh] OR Peroxisome Proliferator-Activated Receptors[mh] OR Psychological Phenomena and Processes[mh] OR Receptors, thyroid hormone[mh] OR Receptors, thyrotropin[mh] OR Retinoid X Receptors[mh] OR thyroid diseases[mh] OR thyroid hormones[mh] OR Thyrotropinreleasing hormone[mh] OR Thyroxine-Binding Proteins[mh] OR Pregnane X Receptor[supplementary concept] OR thyroid-hormone-receptor interacting protein[supplementary concept] OR Constitutive androstane receptor[supplementary concept] OR Academic performance[tiab] OR auditory[tiab] OR cortical[tiab] OR delayed development[tiab] OR developmental impairment[tiab] OR developmental delay*[tiab] OR developmental-disorder*[tiab] OR euthyroid[tiab] OR gait[tiab] OR glia*[tiab] OR gliogenesis[tiab] OR hyperactiv*[tiab] OR impulse-control[tiab] OR iodide peroxidase[tiab] OR IQ[tiab] OR ischemi*[tiab] OR locomotor[tiab] OR mental deficiency[tiab] OR mental development[tiab] OR mental illness[tiab] OR mental-deficit[tiab] OR mobility[tiab] OR mood[tiab] OR morris-maze[tiab] OR morris-water[tiab] OR motor abilit*[tiab] OR Motor activities[tiab] OR motor performance[tiab] OR nerve[tiab] OR neural[tiab] OR Neurocognitive impairment[tiab] OR neurodegenerat*[tiab] OR neurodisease*[tiab] OR neurologic*[tiab] OR neuromuscular[tiab] OR neuron*[tiab] OR obsessive compulsive[tiab] OR OCD[tiab] OR olfaction[tiab] OR olfactory[tiab] OR open-field-test[tiab] OR passive avoidance[tiab] OR plasticity[tiab] OR senil*[tiab] OR sociab*[tiab] OR speech*[tiab] OR spelling[tiab] OR stereotypic-movement*[tiab] OR synap*[tiab] OR tauopath*[tiab] OR Thyroglobulin[tiab] OR Thyroid disease*[tiab] OR thyroid gland[tiab] OR thyroid hormone*[tiab] OR thyronine*[tiab] OR visual motor[tiab] OR Visuospatial processing[tiab] OR water maze[tiab]) OR ((active-avoidance[tiab] OR ADHD[tiab] OR alzheimer*[tiab] OR amygdala[tiab] OR antisocial[tiab] OR anxiety[tiab] OR anxious[tiab] OR asperger*[tiab] OR attention deficit[tiab] OR autism[tiab] OR autistic[tiab] OR behavioral[tiab] OR behaviors[tiab] OR behavioural[tiab] OR behaviours[tiab] OR bipolar[tiab] OR cerebellum[tiab] OR cognition[tiab] OR cognitive[tiab] OR communicationdisorder*[tiab] OR comprehension[tiab] OR cranial[tiab] OR dementia[tiab] OR dendrit*[tiab] OR dentate-gyrus[tiab] OR depression[tiab] OR dextrothyroxine[tiab] OR diiodothyronine*[tiab] OR diiodotyrosine[tiab] OR down syndrome[tiab] OR dyslexia[tiab] OR entorhinal cortex[tiab] OR epilep*[tiab] OR gangli*[tiab] OR goiter[tiab] OR graves-disease[tiab] OR hearing[tiab] OR hippocamp*[tiab] OR human development[tiab] OR hyperthyroid*[tiab] OR hypothalam*[tiab] OR hypothyroid*[tiab] OR impulsiv*[tiab] OR Intellectual disability[tiab] OR intelligence[tiab] OR language[tiab] OR learning[tiab] OR lewy

bod*[tiab] OR long-term potentiation[tiab] OR long-term synaptic depression[tiab]
 OR memory[tiab] OR mental disorder*[tiab] OR mental recall[tiab] OR
 moniodotyrosine[tiab] OR Motor activity[tiab] OR motor skill*[tiab] OR multiple
 sclerosis[tiab] OR myxedema[tiab] OR Nervous system[tiab] OR nervous-
 system[tiab] OR neurit*[tiab] OR optic[tiab] OR palsy[tiab] OR panic[tiab] OR
 parahippocamp*[tiab] OR paranoia[tiab] OR paranoid[tiab] OR parkinson*[tiab]
 OR perception[tiab] OR perforant*[tiab] OR personality[tiab] OR phobia[tiab] OR
 problem solving[tiab] OR proprioception[tiab] OR psychomotor[tiab] OR
 reflex[tiab] OR risk taking[tiab] OR schizophrenia[tiab] OR seizure*[tiab] OR
 sensation*[tiab] OR sleep[tiab] OR smell[tiab] OR spatial behavior[tiab] OR
 stroke[tiab] OR substantia-nigra[tiab] OR taste[tiab] OR thyroiditis[tiab] OR
 thyrotoxicosis[tiab] OR Thyrotropin[tiab] OR thyroxine[tiab] OR
 triiodothyronine[tiab] OR vision[tiab]) NOT medline[sb])) NOT ("Attention"[Mesh]
 OR "Brain"[Mesh] OR "Brain/growth and development"[Mesh] OR "Cognition
 Disorders"[Mesh] OR "Cognition"[Mesh] OR "Dementia"[Mesh] OR "Intelligence
 Tests"[Mesh] OR "Intelligence"[Mesh] OR "Learning Disabilities"[Mesh] OR
 "Learning"[Mesh] OR "Memory and Learning Tests"[Mesh] OR "Memory
 Disorders"[Mesh] OR "Memory"[Mesh] OR "Nervous System Diseases"[Mesh] OR
 "Nervous System"[Mesh] OR "Neurobehavioral Manifestations"[Mesh] OR
 "Neurocognitive Disorders"[Mesh] OR "Neurodevelopmental disorders"[Mesh] OR
 "Neurotoxicity Syndromes"[Mesh] OR ((Attention[tiab] OR Behav*[tiab] OR
 Brain[tiab] OR Brains[tiab] OR cognit*[tiab] OR Coordination[tiab] OR
 develop*[tiab] OR neur*[tiab] OR nervous[tiab] OR mental[tiab]) AND
 (deficit*[tiab] OR diagnosis[tiab] OR diagnoses[tiab] OR disease*[tiab] OR
 disorder*[tiab] OR dysfunction*[tiab] OR impair*[tiab] OR manifestation*[tiab] OR
 problem*[tiab] OR retard*[tiab] OR syndrome*[tiab] OR patholog*[tiab])) OR
 (DNT[tiab] NOT dinitrotoluene[tiab]) OR "barnes maze"[tiab] OR "Biel Maze"[tiab]
 OR "Charcot-Marie-Tooth"[tiab] OR "Cincinnati Maze"[tiab] OR "Contextual
 Fear"[tiab] OR "developmental period*[tiab] OR "Guillain-Barre syndrome"[tiab]
 OR "IQ-test*[tiab] OR "Long term potentiation*[tiab] OR "maze-test*[tiab] OR
 "mental-recall*[tiab] OR "Morris water maze"[tiab] OR "nerve-transmi*[tiab] OR
 "Nervous system"[tiab] OR "Neuro-development*[tiab] OR "Neuro-genes*[tiab]
 OR "neuronal-transmi*[tiab] OR "neuro-transm*[tiab] OR "Novel Object
 recognition"[tiab] OR "passive avoidance"[tiab] OR "presynaptic-terminal*[tiab]
 OR "radial arm maze"[tiab] OR "Rey Osterieth Complex Figure"[tiab] OR
 "rheumatoid arthritis"[tiab] OR "scholastic-achievement*[tiab] OR "Sjogren's
 syndrome"[tiab] OR "spontaneous alternation"[tiab] OR "Synaptic circuit*[tiab]
 OR "Synaptic dysfunction*[tiab] OR "Synaptic impair*[tiab] OR "Synaptic
 net"[tiab] OR "Synaptic nets"[tiab] OR "Synaptic network*[tiab] OR "Synaptic
 plasticity"[tiab] OR "synaptic-neurotransmi*[tiab] OR "synaptic-transmi*[tiab]

OR "trace fear"[tiab] OR Alzheimer*[tiab] OR Amnesia[tiab] OR behav*[tiab] OR
 Cerebell*[tiab] OR Cerebr*[tiab] OR Cortex[tiab] OR CVMT[tiab] OR
 Dementia[tiab] OR Hippocam*[tiab] OR intelligence[tiab] OR learn*[tiab] OR
 Locomot*[tiab] OR memory[tiab] OR Neocortex[tiab] OR Neuroanatom*[tiab] OR
 Neurobehav*[tiab] OR Neurocognit*[tiab] OR Neurodevelop*[tiab] OR
 Neurodevelopment*[tiab] OR Neurogenes*[tiab] OR Neuropath*[tiab] OR
 Neurotox*[tiab] OR neurotransmi*[tiab])) NOT ("Liver Diseases"[Mesh] OR
 "Liver"[Mesh] OR "Kidney Diseases"[Mesh] OR "Kidney"[Mesh] OR
 "Creatinine"[Mesh] OR "Chemical and Drug Induced Liver Injury"[Mesh] OR
 "Gastrointestinal Tract"[Mesh] OR "Urinary Bladder"[Mesh] OR "Urinary
 Tract"[Mesh] OR "Urologic Diseases"[Mesh] OR "Pancreas"[Mesh] OR
 "Spleen"[Mesh] OR Hepat*[tiab] OR liver*[tiab] OR hepatotox*[tiab] OR
 creatinine*[tiab] OR gamma-glutamyl*[tiab] OR transaminase*[tiab] OR
 aminotransferase*[tiab] OR kidney*[tiab] OR nephrotox*[tiab] OR renal[tiab] OR
 Bowel*[tiab] OR gastrointestinal*[tiab] OR Gut[tiab] OR Guts[tiab] OR
 Intestinal*[tiab] OR Urin*[tiab] OR Urogenital*[tiab] OR Pancrea*[tiab] OR
 Spleen[tiab] OR "Respiratory System"[Mesh] OR Alveol*[tiab] OR Bronch*[tiab] OR
 Laryn*[tiab] OR Lung*[tiab] OR Mucocil*[tiab] OR Nasal*[tiab] OR Naso*[tiab] OR
 Nose[tiab] OR Noses[tiab] OR Pharyn*[tiab] OR Pulmon*[tiab] OR "Respiratory
 system"[tiab] OR Rhino*[tiab] OR Trache*[tiab] OR "Fluorosis, Dental"[Mesh] OR
 "Tooth Diseases"[Mesh:NoExp] OR Fluoros*[tiab] OR "Dental diseas*" [tiab] OR
 "Mottled Enamel*" [tiab] OR "Skeletal diseas*" [tiab] OR "Tooth diseas*" [tiab] OR
 "Teeth diseas*" [tiab] OR "abnormalities" [Subheading] OR "adverse effects"
 [Subheading] OR "Chemically-Induced Disorders" [Mesh] OR "complications"
 [Subheading] OR "injuries" [Subheading] OR "Long Term Adverse Effects" [Mesh]
 OR "pathogenicity" [Subheading] OR "Toxicity Tests" [Mesh] OR "toxicity"
 [Subheading] OR "Toxicological Phenomena" [Mesh] OR ((adverse[tiab] OR
 chronic[tiab] OR fatal[tiab] OR harmful*[tiab] OR negative[tiab] OR serious[tiab]
 OR side[tiab] OR Subchronic[tiab] OR undesirable[tiab]) AND (effect*[tiab] OR
 event*[tiab] OR outcome*[tiab] OR reaction*[tiab])) OR Abnormal*[tiab] OR
 Anomal*[tiab] OR "Benchmark dose"[tiab] OR "Benchmark doses"[tiab] OR
 BMD[tiab] OR BMDL[tiab] OR Complication*[tiab] OR Deficien*[tiab] OR
 Deleterious[tiab] OR "Dose effect"[tiab] OR "Dose response"[tiab] OR
 Hazard*[tiab] OR injurious[tiab] OR Intox*[tiab] OR LOEL[tiab] OR LOAEL[tiab] OR
 "Lowest Observable Adverse effect level*" [tiab] OR "Lowest Observed Adverse
 effect level*" [tiab] OR Malformation*[tiab] OR NOAEL[tiab] OR NOAELs[tiab] OR
 NOEL[tiab] OR NOELs[tiab] OR "No Observable Adverse Effect Level*" [tiab] OR
 "No Observed Adverse Effect Level*" [tiab] OR "No Observed Effect Level*" [tiab]
 OR Pathogenic*[tiab] OR Patholog*[tiab] OR Physiopatholog*[tiab] OR Toxic*[tiab]
 OR Unhealth*[tiab] OR Unsafe[tiab] OR "Allergens" [Mesh] OR "Allergy and

Immunology"[Mesh] OR "Asthma"[Mesh] OR "Hypersensitivity"[Mesh] OR
 "Immune System"[Mesh] OR "Immune System Diseases"[Mesh] OR "Immune
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 Factors"[Mesh] OR allerg*[tiab] OR Antibod*[tiab] OR Antigen*[tiab] OR
 Asthma[tiab] OR Autoimmun*[tiab] OR "cell-mediated response"[tiab] OR
 Histamin*[tiab] OR Hypersensitiv*[tiab] OR "Humoral Response"[tiab] OR immun*
 [tiab] OR Leukocyt*[tiab] OR Lymphocyt*[tiab] OR sensitisation[tiab] OR
 sensitization[tiab] OR "T cell*" [tiab] OR "B cell*" [tiab] OR "Natural killer
 cell*" [tiab] OR Monocyt*[tiab] OR Neutrophil*[tiab] OR Dendritic cell*[tiab] OR
 Macrophage*[tiab] OR "Aneugens"[Mesh] OR "Aneuploidy"[Mesh] OR
 "Apoptosis"[Mesh] OR "Cell Cycle"[Mesh] OR "Cell Hypoxia"[Mesh] OR "Cell
 line"[Mesh] OR "Cell Proliferation"[Mesh] OR "Cell Survival"[Mesh] OR
 "Chromosome Aberrations"[Mesh] OR "Chromosomes"[Mesh] OR "Comet
 Assay"[Mesh] OR "Cytotoxicity Tests, Immunologic"[Mesh] OR "Cytotoxicity,
 Immunologic"[Mesh] OR "DNA Adducts"[Mesh] OR "DNA Damage"[Mesh] OR "DNA
 Fragmentation"[Mesh] OR "Free Radicals"[Mesh] OR "Genomic Instability"[Mesh]
 OR "Homeostasis"[Mesh] OR "Mutagenesis"[Mesh] OR "Mutagenicity Tests"[Mesh]
 OR "Mutagens" [Pharmacological Action] OR "Mutagens"[Mesh] OR
 "Mutation"[Mesh] OR "Oxidative Stress"[Mesh] OR "Reactive Oxygen
 Species"[Mesh] OR "Sister Chromatid Exchange"[Mesh] OR ((Cell[tiab] OR
 cells[tiab] OR cellular[tiab]) AND (hypoxi*[tiab] OR homeosta*[tiab] OR
 impairment*[tiab] OR necro*[tiab] OR toxicity[tiab] OR prolifer*[tiab] OR
 grow*[tiab] OR survival[tiab])) OR ((DNA[tiab] OR gene*[tiab]) AND (deletion[tiab]
 OR mutation[tiab] OR adducts[tiab] OR binding[tiab] OR break*[tiab] OR
 fragment*[tiab] OR damage*[tiab] OR impair*[tiab] OR inhibit*[tiab] OR
 lesion*[tiab] OR injur*[tiab] OR repair*[tiab])) OR "AMES assay"[tiab] OR "AMES
 test*" [tiab] OR Aneugen*[tiab] OR Aneuploid*[tiab] OR Antioxi*[tiab] OR Apopto*
 [tiab] OR Catalase[tiab] OR Chromatid*[tiab] OR Chromosom*[tiab] OR
 Cytogen*[tiab] OR cytotox*[tiab] OR Clastogen*[tiab] OR "COMET assay"[tiab] OR
 "COMET test*" [tiab] OR "Genetic material*" [tiab] OR Genotox*[tiab] OR "Genomic
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 "Micronucleus assay"[tiab] OR "Micronucleus test*" [tiab] OR Mitogen*[tiab] OR
 Mutagen*[tiab] OR Mutation*[tiab] OR Necros*[tiab] OR Oxidat*[tiab] OR
 Peroxid*[tiab] OR Polymorph*[tiab] OR Radical[tiab] OR Radicals[tiab] OR
 "Reactive oxygen species"[tiab] OR ROS[tiab] OR "Superoxide-dismutase"[tiab]
 OR Transgen*[tiab] OR "Inflammation"[Mesh] OR "Inflammation Mediators"[Mesh]
 OR Angiotensin*[tiab] OR Chemokin*[tiab] OR Cytokin*[tiab] OR Inflam*[tiab] OR
 Kinin*[tiab] OR Neuroinflam*[tiab] OR Proinflam*[tiab] OR "Pro-inflam*" [tiab] OR
 Thromboinflam*[tiab] OR "Angiogenesis Inducing Agents" [Pharmacological
 Action] OR "Angiogenesis Inducing Agents"[Mesh] OR "Carcinogenesis"[Mesh] OR

"Carcinogenicity Tests"[Mesh] OR "Carcinogens"[Mesh] OR "Myelodysplastic-Myeloproliferative Diseases"[Mesh] OR "Neoplasms"[Mesh] OR Adenoca*[tiab] OR Angiogen*[tiab] OR Cancer*[tiab] OR Carcino*[tiab] OR Cocarcino*[tiab] OR Fibroma*[tiab] OR Hyperplas*[tiab] OR Leukemia[tiab] OR Lymphom*[tiab] OR Melano*[tiab] OR Metasta*[tiab] OR Myeloma*[tiab] OR Neoplas*[tiab] OR Precancer*[tiab] OR Oncogen*[tiab] OR Oncolog*[tiab] OR Osteoma*[tiab] OR Sarcoma*[tiab] OR Tumor*[tiab] OR Tumour*[tiab] OR "Embryonic Development"[Mesh] OR "Fetal Development"[Mesh:NoExp] OR "Neurodevelopmental disorders"[Mesh] OR "Embryonic and Fetal Development"[Mesh:NoExp] OR "Abortion, Spontaneous"[Mesh] OR "Abortion, Threatened"[Mesh] OR "Abortion, Veterinary"[Mesh] OR "Animals, Newborn"[Mesh] OR "Breast Feeding"[Mesh] OR "Congenital Abnormalities"[Mesh] OR "Congenital, Hereditary, and Neonatal Diseases and Abnormalities"[Mesh] OR "Embryo, Mammalian"[Mesh] OR "Embryonic Structures"[Mesh:noexp] OR "Estrous Cycle"[Mesh] OR "Fertility"[Mesh] OR "Fetal Diseases"[Mesh] OR "Fetal Growth Retardation"[Mesh] OR "Fetal Organ Maturity"[Mesh] OR "Fetus"[Mesh] OR "Genitalia"[Mesh] OR "Growth and Development"[Mesh] OR "Infant, Newborn"[Mesh] OR "Infertility"[Mesh] OR "Lactation"[Mesh] OR "Milk, Human"[Mesh] OR "Menstrual Cycle"[Mesh] OR "Organogenesis"[Mesh:NoExp] OR "Pregnancy Complications"[Mesh] OR "Pregnancy"[Mesh] OR "Prenatal Injuries"[Mesh] OR "Reproduction"[Mesh] OR "Reproductive Physiological Phenomena"[Mesh:noexp] OR "Spermatocytes"[Mesh] OR "Teratogenesis"[Mesh] OR "Teratogens"[Mesh] OR abort*[tiab] OR Breast*[tiab] OR Cervic*[tiab] OR Cervix[tiab] OR embryo*[tiab] OR Estrous[tiab] OR Estrus[tiab] OR fertility[tiab] OR Fetal*[tiab] OR fetotoxic*[tiab] OR fetus[tiab] OR Foetotoxic*[tiab] OR foetus[tiab] OR Foetal*[tiab] OR follicle*[tiab] OR genital*[tiab] OR gestat*[tiab] OR "Human milk*" [tiab] OR Infant*[tiab] OR infertil*[tiab] OR Lactating[tiab] OR Lactation*[tiab] OR Menstrua*[tiab] OR "New-born*" [tiab] OR newborn*[tiab] OR Oestrous[tiab] OR Oestrus[tiab] OR Ovar*[tiab] OR Parturition[tiab] OR Placent*[tiab] OR "post-partum" [tiab] OR postpartum[tiab] OR pregnanc*[tiab] OR premature[tiab] OR prenatal[tiab] OR Reproduct*[tiab] OR sperm*[tiab] OR teratogen*[tiab] OR Testes[tiab] OR Testic*[tiab] OR Testis[tiab] OR Uterin*[tiab] OR Uterus[tiab] OR Uteruses[tiab] OR Vagin*[tiab])) NOT ("Animals"[Mesh] NOT "Humans"[Mesh])) NOT ((rat[ti] OR rats[ti] OR mouse[ti] OR mice[ti] OR swine[ti] OR porcine[ti] OR murine[ti] OR sheep[ti] OR lambs[ti] OR pigs[ti] OR piglets[ti] OR rabbit[ti] OR rabbits[ti] OR cat[ti] OR cats[ti] OR dog[ti] OR dogs[ti] OR cattle[ti] OR bovine[ti] OR monkey[ti] OR monkeys[ti] OR trout[ti] OR marmoset*[ti]) NOT medline[sb])) NOT Perfluor*[tiab]) AND (("2020/05/01"[Date - Publication] : "2024/01/24"[Date - Publication])) AND (English[Language]).