

ATTACHMENT 1

SEARCH SYNTAX

Systematic review of the adverse reproductive and developmental effects of caffeine consumption in healthy adults, pregnant women, adolescents, and children

PubMed strategy:

(fertil* OR infertil* OR fecundity OR abortion OR miscarriage* OR fetal OR gestation* OR preterm OR malform* OR birth defect* OR stillbirth* OR perinatal OR pregnant OR reproduction OR "small for gestational age" OR congenital OR "birth weight" OR birthweight OR "growth restriction" OR "growth retardation" OR "time to pregnancy" OR sperm OR semen OR twin* OR conception OR fecundability OR "assisted reproductive technology" OR "assisted reproductive technologies" OR ART OR "in vitro fertilization" OR IVF OR "intrauterine insemination" OR IUI OR premature OR prematurity OR pregnancy loss* OR SGA OR iugr OR "length of gestation" OR "gestational age" OR "fetal growth" OR "fetal heart rate" OR fetal movement* OR "infant wakefulness" OR "infant sleep" OR infant behavior* OR "postnatal growth" OR "infant apnea" OR "sudden infant death" OR "Growth and Development"[Mesh] OR "Reproduction"[Mesh] OR "Fertility"[Mesh] OR "Fertility Agents, Male"[Mesh] OR "Fertility Agents, Female"[Mesh] OR "Fertility Agents"[Mesh] OR "Infertility, Female"[Mesh] OR "Infertility, Male"[Mesh] OR "Fertility Agents, Male"[Pharmacological Action] OR "Fertility Agents, Female"[Pharmacological Action] OR "Abortion, Spontaneous"[Mesh] OR "Birth Weight"[Mesh] OR "Infant, Extremely Low Birth Weight"[Mesh] OR "Infant, Very Low Birth Weight"[Mesh] OR "Infant, Low Birth Weight"[Mesh] OR "Time-to- Pregnancy"[Mesh] OR "Spermatozoa"[Mesh] OR "Semen"[Mesh] OR "Sperm Motility"[Mesh] OR "Sperm-Ovum Interactions"[Mesh] OR "Sperm Transport"[Mesh] OR "Sperm Tail"[Mesh] OR "Sperm Maturation"[Mesh] OR "Sperm Head"[Mesh] OR "Sperm Capacitation"[Mesh] OR "Sperm Count"[Mesh] OR "Sperm Midpiece"[Mesh] OR "Sperm Injections, Intracytoplasmic"[Mesh] OR "Fertilization"[Mesh] OR "Gestational Age"[Mesh] OR "Infant, Postmature"[Mesh] OR "Infant, Premature"[Mesh] OR "Infant, Small for Gestational Age"[Mesh] OR "Infant Behavior"[Mesh] OR "Term Birth"[Mesh]) AND (("caffeine"[Mesh] OR caffein*[All Fields]) AND ("2001/01/01"[PDat] : "2015/06/08"[PDat]) AND Humans[Mesh] AND English[lang])

Embase search strategy:

((('caffeine'/exp OR caffeine) AND [humans]/lim AND [english]/lim AND [2001-2015]/py) AND ('acta cardiologica sinica'/jt OR 'acta neuropsychologica'/jt OR 'acta pharmaceutica scientia'/jt OR 'acta pharmaceutica sinica b'/jt OR 'adolescent psychiatry (netherlands)'/jt OR 'advanced pharmaceutical bulletin'/jt OR 'advances in pharmacological sciences'/jt OR 'advances in psychiatric treatment'/jt OR 'aggression and violent behavior'/jt OR 'american journal of pharmacology and toxicology'/jt OR 'american pharmaceutical review'/jt OR 'annals of pediatric cardiology'/jt OR 'applied cardiopulmonary pathophysiology'/jt OR 'applied cognitive psychology'/jt OR 'archives of cardiovascular diseases supplements'/jt OR 'archives of pharmacy practice'/jt OR 'archives of psychiatry and psychotherapy'/jt OR 'asian journal of pharmaceutical and clinical research'/jt OR 'asian journal of pharmaceutical research and health care'/jt OR 'asian journal of pharmaceutical sciences'/jt OR 'asian journal of pharmaceutics'/jt OR 'asian journal of pharmacodynamics and pharmacokinetics'/jt OR 'asia-pacific

psychiatry'/jt OR 'australian journal of pharmacy'/jt OR 'bangladesh journal of pharmacology'/jt OR 'behaviour change'/jt OR 'biomedical and pharmacology journal'/jt OR 'bone marrow research'/jt OR 'bonekey reports'/jt OR 'brain and behavior'/jt OR 'brazilian journal of pharmaceutical sciences'/jt OR 'brazilian journal of pharmacognosy'/jt OR 'british journal of cardiology'/jt OR 'british journal of psychotherapy'/jt OR 'bulletin of pharmaceutical sciences'/jt OR 'canadian pharmacists journal'/jt OR 'cardiogenetics'/jt OR 'cardiology (pakistan)'/jt OR 'cardiology research'/jt OR 'cardiology research and practice'/jt OR 'cardiology review'/jt OR 'cardiovascular endocrinology'/jt OR 'cardiovascular engineering and technology'/jt OR 'cardiovascular psychiatry and neurology'/jt OR 'child and adolescent psychiatry and mental health'/jt OR 'clinical cases in mineral and bone metabolism'/jt OR 'clinical medicine insights: cardiology'/jt OR 'clinical neuropsychiatry'/jt OR 'clinical neuropsychopharmacology and therapeutics'/jt OR 'clinical pharmacist'/jt OR 'clinical pharmacology in drug development'/jt OR 'clinical pharmacology: advances and applications'/jt OR 'clinical psychopharmacology and neuroscience'/jt OR 'clinical reviews in bone and mineral metabolism'/jt OR 'cognitive and behavioral practice'/jt OR 'contract pharma'/jt OR 'cpt: pharmacometrics and systems pharmacology'/jt OR 'current cardiovascular imaging reports'/jt OR 'current cardiovascular risk reports'/jt OR 'current issues in pharmacy and medical sciences'/jt OR 'current neuropharmacology'/jt OR 'current pharmaceutical analysis'/jt OR 'current pharmacogenomics and personalized medicine'/jt OR 'current psychiatry'/jt OR 'current psychiatry reviews'/jt OR 'current psychopharmacology'/jt OR 'current topics in pharmacology'/jt OR 'current topics in toxicology'/jt OR 'current treatment options in cardiovascular medicine'/jt OR 'current trends in biotechnology and pharmacy'/jt OR 'daru, journal of pharmaceutical sciences'/jt OR 'dhaka university journal of pharmaceutical sciences'/jt OR 'dialogues in cardiovascular medicine'/jt OR 'ebr - european biopharmaceutical review'/jt OR 'egyptian journal of neurology, psychiatry and neurosurgery'/jt OR 'emotional and behavioural difficulties'/jt OR 'epilepsy and behavior case reports'/jt OR 'ethical human psychology and psychiatry'/jt OR 'ethiopian pharmaceutical journal'/jt OR 'european cardiology'/jt OR 'european heart journal: acute cardiovascular care'/jt OR 'european journal of cardiovascular medicine'/jt OR 'european journal of cognitive psychology'/jt OR 'european journal of parenteral and pharmaceutical sciences'/jt OR 'european journal of psychiatry'/jt OR 'european pharmaceutical review'/jt OR 'european psychiatric review'/jt OR 'experimental and clinical cardiology'/jt OR 'fabad journal of pharmaceutical sciences'/jt OR 'focus on autism and other developmental disabilities'/jt OR 'frontiers in behavioral neuroscience'/jt OR 'frontiers in pharmacology'/jt OR 'frontiers in psychiatry'/jt OR 'german journal of psychiatry'/jt OR 'geropsych: the journal of gerontopsychology and geriatric psychiatry'/jt OR 'global journal of pharmacology'/jt OR 'human development'/jt OR 'indian journal of pharmaceutical sciences'/jt OR 'indian journal of psychiatry'/jt OR 'indo global journal of pharmaceutical sciences'/jt OR 'interdisciplinary toxicology'/jt OR 'international cardiovascular research journal'/jt OR 'international journal of advances in pharmaceutical research'/jt OR 'international journal of advances in pharmaceutical sciences'/jt OR 'international journal of applied pharmaceuticals'/jt OR 'international journal of behavioral development'/jt OR 'international journal of current pharmaceutical research'/jt OR 'international journal of current pharmaceutical review and research'/jt OR 'international journal of developmental disabilities'/jt OR 'international journal of life

sciences biotechnology and pharma research'/jt OR 'international journal of medical toxicology and legal medicine'/jt OR 'international journal of osteoporosis and metabolic disorders'/jt OR 'international journal of pharma and bio sciences'/jt OR 'international journal of pharma medicine and biological sciences'/jt OR 'international journal of pharmaceutical and clinical research'/jt OR 'international journal of pharmaceutical and phytopharmacological research'/jt OR 'international journal of pharmaceutical frontier research'/jt OR 'international journal of pharmaceutical investigation'/jt OR 'international journal of pharmaceutical research'/jt OR 'international journal of pharmaceutical research and allied sciences'/jt OR 'international journal of pharmaceutical sciences'/jt OR 'international journal of pharmaceutical sciences and research'/jt OR 'international journal of pharmaceutical sciences review and research'/jt OR 'international journal of pharmacognosy and phytochemical research'/jt OR 'international journal of pharmacology'/jt OR 'international journal of pharmacy and pharmaceutical sciences'/jt OR 'international journal of pharmacy and technology'/jt OR 'international journal of physiology, pathophysiology and pharmacology'/jt OR 'international journal of research in ayurveda and pharmacy'/jt OR 'international journal of research in pharmaceutical sciences'/jt OR 'international journal of toxicological and pharmacological research'/jt OR 'international research journal of pharmacy'/jt OR 'internet journal of cardiology'/jt OR 'internet journal of cardiovascular research'/jt OR 'internet journal of pharmacology'/jt OR 'internet journal of toxicology'/jt OR 'interventional cardiology (london)'/jt OR 'interventional cardiology clinics'/jt OR 'iranian journal of pharmaceutical research'/jt OR 'iranian journal of pharmaceutical sciences'/jt OR 'iranian journal of pharmacology and therapeutics'/jt OR 'iranian journal of psychiatry and behavioral sciences'/jt OR 'iranian journal of reproductive medicine'/jt OR 'irish journal of psychological medicine'/jt OR 'isrn cardiology'/jt OR 'japanese pharmacology and therapeutics'/jt OR 'jordan journal of pharmaceutical sciences'/jt OR 'journal fur pharmakologie und therapie'/jt OR 'journal of applied pharmacy'/jt OR 'journal of bone oncology'/jt OR 'journal of caffeine research'/jt OR 'journal of cardiology cases'/jt OR 'journal of cardiovascular and thoracic research'/jt OR 'journal of cardiovascular disease research'/jt OR 'journal of cardiovascular ultrasound'/jt OR 'journal of chemical and pharmaceutical research'/jt OR 'journal of chemical and pharmaceutical sciences'/jt OR 'journal of child psychotherapy'/jt OR 'journal of clinical and basic cardiology'/jt OR 'journal of clinical pharmacology and pharmacoepidemiology'/jt OR 'journal of cognition and development'/jt OR 'journal of cognitive psychology'/jt OR 'journal of cognitive psychotherapy'/jt OR 'journal of contemporary psychotherapy'/jt OR 'journal of echocardiography'/jt OR 'journal of endocardiology'/jt OR 'journal of euromed pharmacy'/jt OR 'journal of experimental pharmacology'/jt OR 'journal of family psychotherapy'/jt OR 'journal of human reproductive sciences'/jt OR 'journal of mind and behavior'/jt OR 'journal of natural pharmaceuticals'/jt OR 'journal of neurodevelopmental disorders'/jt OR 'journal of neuroscience, psychology, and economics'/jt OR 'journal of occupational medicine and toxicology'/jt OR 'journal of osteoporosis'/jt OR 'journal of pharmaceutical analysis'/jt OR 'journal of pharmaceutical innovation'/jt OR 'journal of pharmaceutical investigation'/jt OR 'journal of pharmaceutical negative results'/jt OR 'journal of pharmaceutical sciences and research'/jt OR 'journal of pharmacognosy and phytotherapy'/jt OR 'journal of pharmacology and pharmacotherapeutics'/jt OR 'journal of pharmacology and toxicology'/jt OR 'journal of pharmacy research'/jt OR 'journal of

psychopathology'/jt OR 'journal of psychopathology and behavioral assessment'/jt OR 'journal of psychophysiology'/jt OR 'journal of reproduction and contraception'/jt OR 'journal of reproduction and infertility'/jt OR 'journal of reproductive and infant psychology'/jt OR 'journal of the canadian academy of child and adolescent psychiatry'/jt OR 'journal of the hong kong college of cardiology'/jt OR 'journal of toxicologic pathology'/jt OR 'journal of toxicology'/jt OR 'jundishapur journal of natural pharmaceutical products'/jt OR 'korean journal of pharmacognosy'/jt OR 'korean journal of physiology and pharmacology'/jt OR 'modern pharmaceutical research'/jt OR 'molecular and cellular pharmacology'/jt OR 'molecular and cellular toxicology'/jt OR 'national journal of physiology, pharmacy and pharmacology'/jt OR 'neurology psychiatry and brain research'/jt OR 'neuropsychiatry i neuropsychologia'/jt OR 'neuropsychiatric disease and treatment'/jt OR 'neuropsychiatry'/jt OR 'neuroscience and behavioral physiology'/jt OR 'obstetrics, gynaecology and reproductive medicine'/jt OR 'open bone journal'/jt OR 'open cardiovascular imaging journal'/jt OR 'open cardiovascular medicine journal'/jt OR 'open journal of cardiology'/jt OR 'open journal of pharmacology'/jt OR 'open neuropsychopharmacology journal'/jt OR 'open pharmacology journal'/jt OR 'open toxicology journal'/jt OR 'operative techniques in thoracic and cardiovascular surgery'/jt OR 'oriental pharmacy and experimental medicine'/jt OR 'pharma research'/jt OR 'pharma times'/jt OR 'pharmaceutical care and research'/jt OR 'pharmaceutical chemistry journal'/jt OR 'pharmaceutical journal'/jt OR 'pharmaceutical medicine'/jt OR 'pharmaceutical reviews'/jt OR 'pharmacognosy journal'/jt OR 'pharmacognosy magazine'/jt OR 'pharmacognosy research'/jt OR 'pharmacognosy reviews'/jt OR 'pharmacologyonline'/jt OR 'pharmacometrics'/jt OR 'pharmacopeial forum'/jt OR 'pharmacophore'/jt OR 'pharmacy times'/jt OR 'pregnancy hypertension'/jt OR 'preventive cardiology'/jt OR 'primary care cardiovascular journal'/jt OR 'primary psychiatry'/jt OR 'progress in neurology and psychiatry'/jt OR 'progress in neurotherapeutics and neuropsychopharmacology'/jt OR 'progress in pediatric cardiology'/jt OR 'psychiatry research journal'/jt OR 'psychoanalytic psychology'/jt OR 'psychoanalytic psychotherapy'/jt OR 'psychology and neuroscience'/jt OR 'psychopharm review'/jt OR 'reproductive biology insights'/jt OR 'reproductive medicine and biology'/jt OR 'research communications in biological psychology, psychiatry and neurosciences'/jt OR 'research in pharmaceutical sciences'/jt OR 'research journal of cardiology'/jt OR 'research journal of pharmaceutical, biological and chemical sciences'/jt OR 'research journal of pharmacology'/jt OR 'research journal of pharmacy and technology'/jt OR 'results in pharma sciences'/jt OR 'review of clinical pharmacology and pharmacokinetics, international edition'/jt OR 'revista argentina de cardiologia'/jt OR 'revista de la federacion argentina de cardiologia'/jt OR 'revista de osteoporosis y metabolismo mineral'/jt OR 'sa pharmaceutical journal'/jt OR 'saudi pharmaceutical journal'/jt OR 'scientia pharmaceutica'/jt OR 'sexuality, reproduction and menopause'/jt OR 'south african journal of psychiatry'/jt OR 'stamford journal of pharmaceutical sciences'/jt OR 'systematic reviews in pharmacy'/jt OR 'taiwan pharmaceutical journal'/jt OR 'thai journal of pharmaceutical sciences'/jt OR 'therapeutic advances in psychopharmacology'/jt OR 'therapeutics, pharmacology and clinical toxicology'/jt OR 'thoracic and cardiovascular surgeon, supplement'/jt OR 'toxicology and environmental health sciences'/jt OR 'toxicology international'/jt OR 'toxicology research'/jt OR 'tropical journal of pharmaceutical research'/jt OR 'turkish journal of pharmaceutical sciences'/jt OR 'u.s.

pharmacist'/jt OR 'us cardiology'/jt OR 'world journal of cardiology'/jt OR 'world psychiatry'/jt OR 'Adverse Drug Reaction Bulletin'/jt OR 'African Journal of Neurological Sciences'/jt OR 'Aktualnosci Neurologiczne'/jt OR 'Annals of Indian Academy of Neurology'/jt OR 'Annals of Neurosciences'/jt OR 'Archivos de Neurociencias'/jt OR 'Asian Journal of Epidemiology'/jt OR 'Aswan Heart Centre Science and Practice Series'/jt OR 'Bangladesh Journal of Obstetrics and Gynecology'/jt OR 'Basic and Clinical Neuroscience'/jt OR 'Biology of Mood and Anxiety Disorders'/jt OR 'Biomedicine and Preventive Nutrition'/jt OR 'Brain Impairment'/jt OR 'Brain Research Journal'/jt OR 'Brain Sciences'/jt OR 'Case Reports in Neurology'/jt OR 'Child and Adolescent Mental Health'/jt OR 'Clinical Epidemiology'/jt OR 'Clinical Epidemiology and Global Health'/jt OR 'Clinical Nutrition, Supplement'/jt OR 'Clinical Practice and Epidemiology in Mental Health'/jt OR 'Cognitive Neuroscience'/jt OR 'Current Hypertension Reviews'/jt OR 'Current Neurobiology'/jt OR 'Current Nutrition and Food Science'/jt OR 'Current Nutrition Reports'/jt OR 'Current Obstetrics and Gynecology Reports'/jt OR 'Current Topics in Neurochemistry'/jt OR 'Current Treatment Options in Neurology'/jt OR 'Donald School Journal of Ultrasound in Obstetrics and Gynecology'/jt OR 'Egyptian Heart Journal'/jt OR 'Emerging Themes in Epidemiology'/jt OR 'Epidemiologic Perspectives and Innovations'/jt OR 'Epidemiology Research International'/jt OR 'European Heart Journal, Supplement'/jt OR 'European Journal of Heart Failure, Supplement'/jt OR 'European Journal of Mental Health'/jt OR 'European Neurological Journal'/jt OR 'Expert Review of Obstetrics and Gynecology'/jt OR 'Fetal and Maternal Medicine Review'/jt OR 'Food and Nutrition Research'/jt OR 'Frontiers in Aging Neuroscience'/jt OR 'Frontiers in Human Neuroscience'/jt OR 'Frontiers in Integrative Neuroscience'/jt OR 'Frontiers in Neurology'/jt OR 'Frontiers in Neuroscience'/jt OR 'Frontiers in Systems Neuroscience'/jt OR 'Future Neurology'/jt OR 'Genes and Nutrition'/jt OR 'Geriatric Mental Health Care'/jt OR 'Global Heart'/jt OR 'Gynaecologia et Perinatologia'/jt OR 'Gynaecologia et Perinatologia, Supplement'/jt OR 'Gynecologic Oncology Case Reports'/jt OR 'Gynecology and Minimally Invasive Therapy'/jt OR 'Heart and Metabolism'/jt OR 'Heart Asia'/jt OR 'Heart International'/jt OR 'Infant Mental Health Journal'/jt OR 'Infection Ecology and Epidemiology'/jt OR 'Innovations in Clinical Neuroscience'/jt OR 'International Journal of Hypertension'/jt OR 'International Journal of Mental Health Systems'/jt OR 'International Journal of Molecular Epidemiology and Genetics'/jt OR 'International Neurourology Journal'/jt OR 'Internet Journal of Epidemiology'/jt OR 'Internet Journal of Gynecology and Obstetrics'/jt OR 'Internet Journal of Neurology'/jt OR 'Iranian Heart Journal'/jt OR 'Iranian Journal of Child Neurology'/jt OR 'ISRN Neurology'/jt OR 'ISRN Obstetrics and Gynecology'/jt OR 'Italian Journal of Gynaecology and Obstetrics'/jt OR 'JACC: Heart Failure'/jt OR 'Journal of Brain Science'/jt OR 'Journal of Child and Adolescent Mental Health'/jt OR 'Journal of Clinical Biochemistry and Nutrition'/jt OR 'Journal of Clinical Neurology (China)'/jt OR 'Journal of Epidemiology and Global Health'/jt OR 'Journal of Excipients and Food Chemicals'/jt OR 'Journal of Experimental and Clinical Assisted Reproduction'/jt OR 'Journal of Experimental Neuroscience'/jt OR 'Journal of Food and Drug Analysis'/jt OR 'Journal of Food, Agriculture and Environment'/jt OR 'Journal of Hunger and Environmental Nutrition'/jt OR 'Journal of Indian Association for Child and Adolescent Mental Health'/jt OR 'Journal of Korean Neurosurgical Society'/jt OR 'Journal of Mathematical Neuroscience'/jt OR 'Journal of Neurodegeneration and Regeneration'/jt

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OR 'Journal of Neurological Sciences'/jt OR 'Journal of Neurosciences in Rural Practice'/jt OR 'Journal of Neurotherapy'/jt OR 'Journal of Nutritional Science'/jt OR 'Journal of Obstetrics and Gynecology of India'/jt OR 'Journal of Pediatric Neurology'/jt OR 'Journal of Pediatric Neurosciences'/jt OR 'Journal of Tehran University Heart Center'/jt OR 'Journal of the Hoffman Heart Institute of Connecticut'/jt OR 'Journal of the Saudi Heart Association'/jt OR 'Journal of the Turkish German Gynecology Association'/jt OR 'Mediterranean Journal of Nutrition and Metabolism'/jt OR 'Mental Health and Physical Activity'/jt OR 'Mental Health and Substance Use: Dual Diagnosis'/jt OR 'Mental Health in Family Medicine'/jt OR 'Mental Illness'/jt OR 'Nepal Journal of Epidemiology'/jt OR 'Netherlands Heart Journal'/jt OR 'Neuroanatomy'/jt OR 'Neurodegenerative Disease Management'/jt OR 'Neurologia Croatica'/jt OR 'Neurology Asia'/jt OR 'Neurology International'/jt OR 'Neurology Research International'/jt OR 'Neurology, Neurophysiology and Neuroscience'/jt OR 'Neurology: Clinical Practice'/jt OR 'Neuropathological Diseases'/jt OR 'Neurophysiology'/jt OR 'Norsk Epidemiologi'/jt OR 'Nutrition and Diabetes'/jt OR 'Nutrition and Metabolism'/jt OR 'Nutritional Sciences Journal'/jt OR 'Obstetrics and Gynaecology Forum'/jt OR 'Open Heart Failure Journal'/jt OR 'Open Hypertension Journal'/jt OR 'Open Neuroendocrinology Journal'/jt OR 'Open Neurology Journal'/jt OR 'Pakistan Journal of Nutrition'/jt OR 'PharmaNutrition'/jt OR 'Primary Care Companion to the Journal of Clinical Psychiatry'/jt OR 'Psychiatrist'/jt OR 'Psychiatry Investigation'/jt OR 'Research Journal of Obstetrics and Gynecology'/jt OR 'Revista Espanola de Nutricion Comunitaria'/jt OR 'Romanian Journal of Diabetes, Nutrition and Metabolic Diseases'/jt OR 'Romanian Journal of Neurology/ Revista Romana de Neurologie'/jt OR 'Sleep and Biological Rhythms'/jt OR 'Sleep Medicine Clinics'/jt OR 'Somnologie'/jt OR 'South African Journal of Clinical Nutrition'/jt OR 'South African Journal of Obstetrics and Gynaecology'/jt OR 'Southern African Journal of Epidemiology and Infection'/jt OR 'Substance Abuse: Research and Treatment'/jt OR 'Therapeutic Advances in Neurological Disorders'/jt OR 'Topics in Clinical Nutrition'/jt OR 'Translational Neurodegeneration'/jt OR 'Translational Neuroscience'/jt OR 'Urogynaecologia'/jt OR 'World Heart Journal'/jt OR 'Zentralblatt fur Neurochirurgie'/jt)