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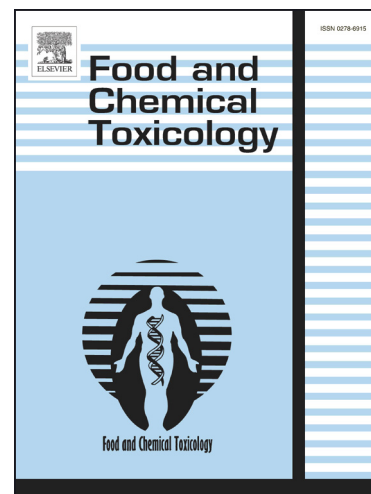
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Abbreviations: ABTS; 2,2'-azino-bis (3-ethylbenzthiazoline-6-sulphonic acid), AChE; acetylcholinesterase, ACh; acetylcholine, CHE; cholinesterase, FST; Forced Swimming test, GAEs; gallic acid equivalents, Hb; hemoglobin, IC₅₀; 50% inhibition concentration, LTP; long term potentiation, MDA; Malondialdehyde, Pb; lead acetate, PBS; phosphate buffer saline, RBC; red blood cell, RT; room temperature, ROS; reactive oxygen species, SEM; standard error of mean, SOD; superoxide dismutase, TEAC; trolox equivalent antioxidant capacity.

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