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Publications

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Jurnal internasional

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Jurnal internasional

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Jurnal internasional bereputasi

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Artikel ilmiah

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Jurnal internasional bereputasi

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Jurnal internasional bereputasi

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Jurnal internasional bereputasi

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Jurnal internasional

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Jurnal internasional bereputasi

Protective Activity of Beetroot Extract on Doxorubicin-Induced Hepatic and Renal Toxicity in Rat Model. Open Access Maced J Med Sci. 2021 Sep 28; 9 (A): 1037-1042

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Researches

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