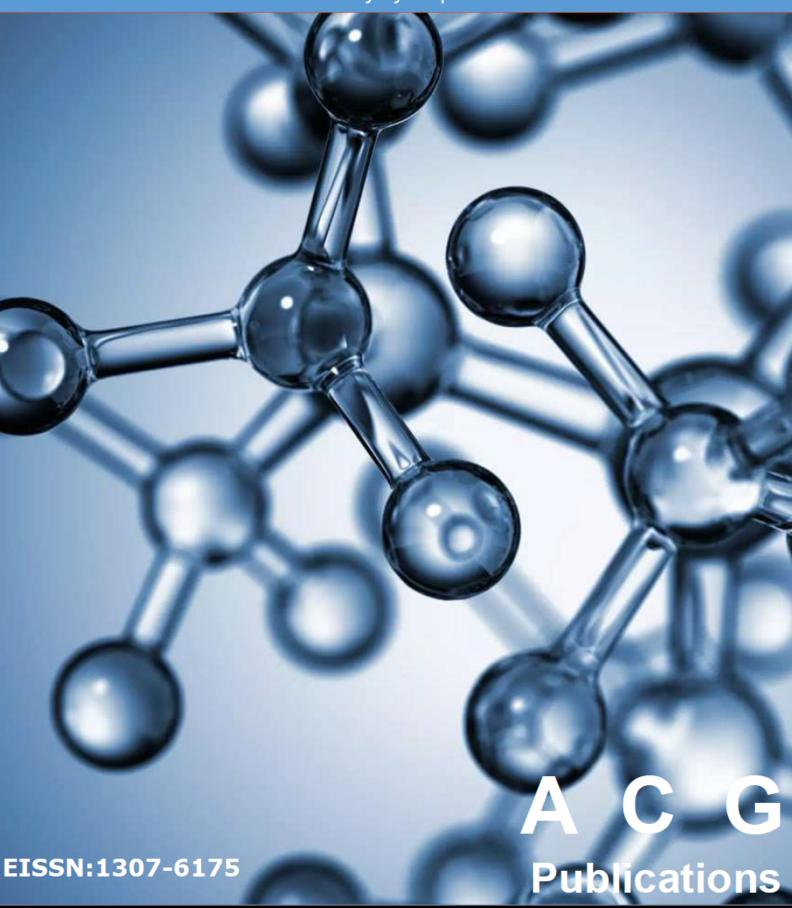
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Volume: 15 Year: 2022 Issue: 3 July-September



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Karaman, I.; Gezegen, H.; Gurdere, M. B.; Dingil, A.; Ceylan, M. Screening of biological activities of a series of chalcone derivatives against the human pathogen microorganisms. *Chem. Biodivers.* **2010**, *7* (2), 400-408.

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