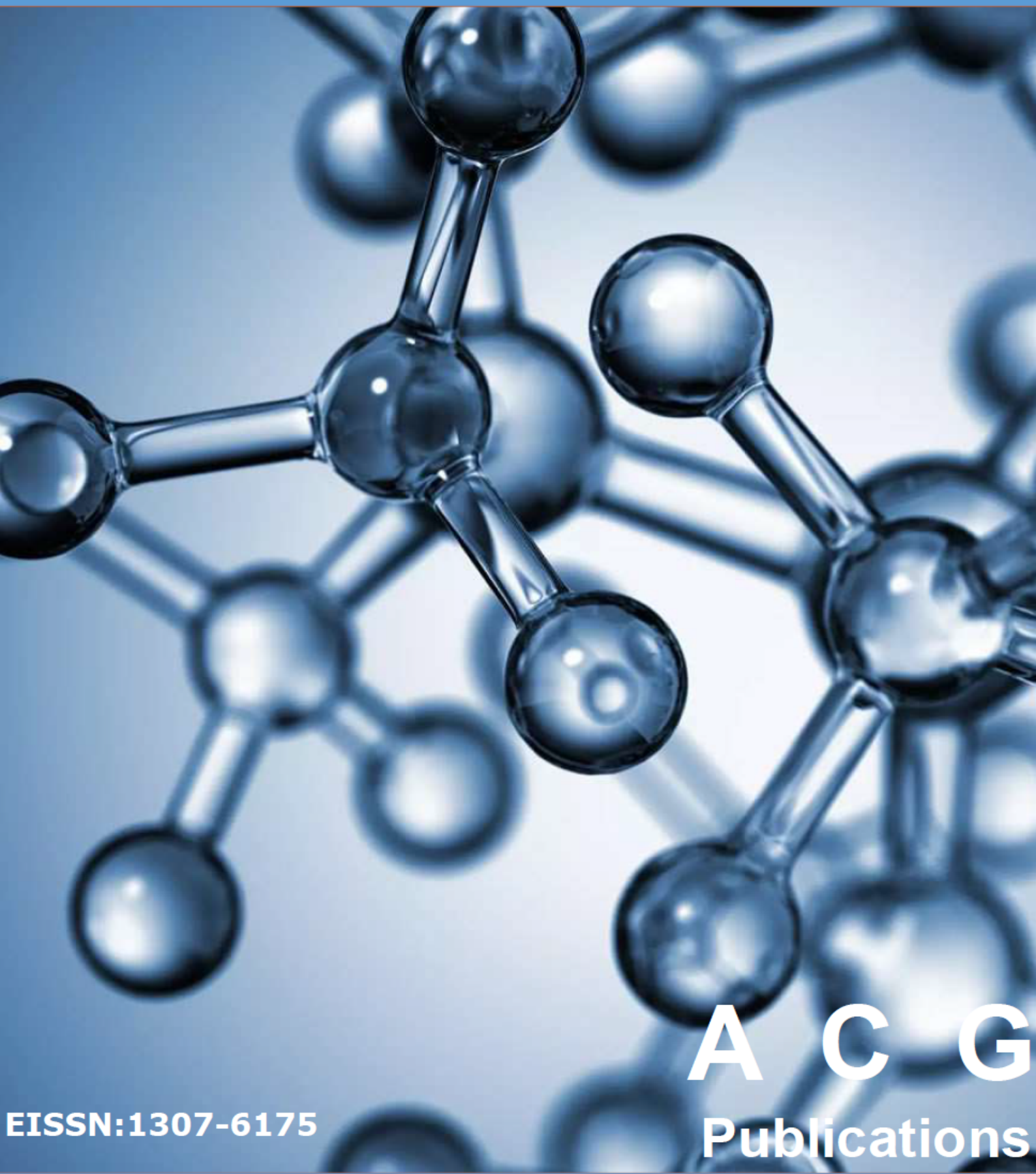


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Karaman, I.; Gezezen, H.; Gurdere, M. B.; Dingil, A.; Ceylan, M. Screening of biological activities of a series of chalcone derivatives against the human pathogen microorganisms. *Chem. Biodivers.* **2010**, 7 (2), 400-408.

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