### Iranian Journal of Organic Chemistry

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### Synthesis of novel 3-benzylidene chromane-2-one derivatives

pp 1123-1126

Zinatsadat Mousavi a\*, Eskandar Alipoura, Alireza Foromadi and Abbas Shafieeb

$$\begin{array}{c}
O \\
O \\
O
\end{array}$$

$$\begin{array}{c}
O \\
H^+ \text{ or } OH^- \\
R
\end{array}$$

$$\begin{array}{c}
O \\
EtOH
\end{array}$$

Aldol condensation to synthesize (E)-3-(benzylidene)-6, 7-methylene dioxy chromene-4-ones

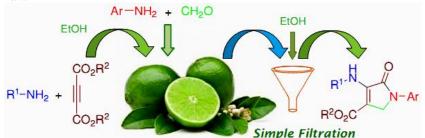
### Lime juice-ethanol: a natural, green and highly efficient medium for the onepot synthesis of functionalized dihydropyrrol-2-ones

pp 1127-1131

Seyed Sajad Sajadikhah<sup>a</sup>, Malek Taher Maghsoodlou<sup>b\*</sup>, Nourallah Hazeri<sup>b</sup> and Sajad Mohammadian-Souri<sup>b</sup>

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# NMR spectroscopic characterization of keto—enol equilibria of 1, 3-dimethyl-5-((4, 4-dimethyl-2,6-dioxocyclohexyl)(aryl)methyl)pyrimidine-2,4,6(1H,3H,5H)-trione in solution phase

pp 1133-1136

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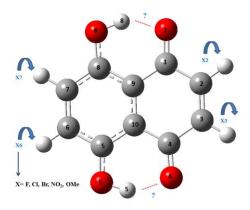
<sup>&</sup>lt;sup>b</sup>Department of Medicinal Chemistry, Faculty of Pharmacy and Pharmaceutical Sciences Research Center Tehran university of Medical sciences, Tehran, Iran.

### Comparison of the intramolecular hydrogen bond strength in F, Cl, Br, NO2, and OMe substitutions of naphthazarin

pp 1137-1146

Mansoureh Zahedi-Tabrizi\* and Razieh Farahati

Department of Chemistry, Alzahra University, Tehran, Iran.



## ZrO2 nanoparticles: a highly efficient catalyst for solvent-free and mild synthesis of indeno[1,2-b]quinoline derivatives

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#### Synthesis of 1-aryl-2-(3-aryl-2H-1,4-benzothiazin-2-yliden)-1-ethanones

pp 1153-1155

Anvar Mirzaei\*

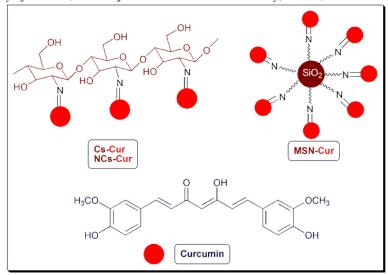
Chemistry Department, Sanandaj Branch, Islamic Azad University, PO Box 618, Sanandaj, Iran.

### pH-sensitive nano carriers for oral-curcumin delivery

pp 1157-1161

Mehdi Nabati\* and Mehrdad Mahkam

Chemistry Department, Faculty of Science, Azarbaijan Shahid Madani University, Tabriz, Iran.



## Kinetics and a mechanistic investigation of one-pot multicomponent reaction for pp 1163-1172 2-amino-4H- chromene formation using glucose as a catalyst

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