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### Analytical Methods

1051 [dx.doi.org/10.1021/jf1038053](http://dx.doi.org/10.1021/jf1038053)

Updating a Synchronous Fluorescence Spectroscopic Virgin Olive Oil Adulteration Calibration to a New Geographical Region  
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1058 [dx.doi.org/10.1021/jf1038184](http://dx.doi.org/10.1021/jf1038184)

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1063 [dx.doi.org/10.1021/jf104064y](http://dx.doi.org/10.1021/jf104064y)

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1072 [dx.doi.org/10.1021/jf1043019](http://dx.doi.org/10.1021/jf1043019)

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1078 [dx.doi.org/10.1021/jf104157z](http://dx.doi.org/10.1021/jf104157z)

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1087 [dx.doi.org/10.1021/jf103382h](http://dx.doi.org/10.1021/jf103382h)

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1095 [dx.doi.org/10.1021/jf103513w](http://dx.doi.org/10.1021/jf103513w)

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1104 [dx.doi.org/10.1021/jf1035367](https://doi.org/10.1021/jf1035367)  
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1109 [dx.doi.org/10.1021/jf1035542](https://doi.org/10.1021/jf1035542)  
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1115 [dx.doi.org/10.1021/jf103555h](https://doi.org/10.1021/jf103555h)  
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1124 [dx.doi.org/10.1021/jf103652n](https://doi.org/10.1021/jf103652n)  
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1138 [dx.doi.org/10.1021/jf103749r](https://doi.org/10.1021/jf103749r)  
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1145 [dx.doi.org/10.1021/jf103876b](https://doi.org/10.1021/jf103876b)  
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1171 [dx.doi.org/10.1021/jf103908d](https://doi.org/10.1021/jf103908d)  
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1178 [dx.doi.org/10.1021/jf103963t](https://doi.org/10.1021/jf103963t)  
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1185 [dx.doi.org/10.1021/jf104088x](https://doi.org/10.1021/jf104088x)  
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1195 [dx.doi.org/10.1021/jf1041728](https://doi.org/10.1021/jf1041728)  
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1205 [dx.doi.org/10.1021/jf104387y](https://doi.org/10.1021/jf104387y)  
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1217 [dx.doi.org/10.1021/jf102903b](https://doi.org/10.1021/jf102903b)

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Xiaoqun Mo, Donghai Wang, and Xiuzhi Susan Sun\*

*Chemical Aspects of Biotechnology/Molecular Biology*

1223 [dx.doi.org/10.1021/jf103613s](https://doi.org/10.1021/jf103613s)

**Biofortification of Soybean Meal: Immunological Properties of the 27 kDa  $\gamma$ -Zein**

Hari B. Krishnan,\* Sungchan Jang, Won-Seok Kim, Monty S. Kerley, Melvin J. Oliver, and Harold N. Trick

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1229 [dx.doi.org/10.1021/jf103384d](https://doi.org/10.1021/jf103384d)

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1236 [dx.doi.org/10.1021/jf103579u](https://doi.org/10.1021/jf103579u)

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1244 [dx.doi.org/10.1021/jf103977q](https://doi.org/10.1021/jf103977q)

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1249 [dx.doi.org/10.1021/jf104094c](https://doi.org/10.1021/jf104094c)

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1256 [dx.doi.org/10.1021/jf104101z](https://doi.org/10.1021/jf104101z)

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1264 [dx.doi.org/10.1021/jf104424z](https://doi.org/10.1021/jf104424z)

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1269 [dx.doi.org/10.1021/jf104737n](https://doi.org/10.1021/jf104737n)

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1281 [dx.doi.org/10.1021/jf103551t](https://doi.org/10.1021/jf103551t)

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1288 [dx.doi.org/10.1021/jf103982q](https://doi.org/10.1021/jf103982q)

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1293 [dx.doi.org/10.1021/jf104287b](https://doi.org/10.1021/jf104287b)

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1301 [dx.doi.org/10.1021/jf104494j](https://doi.org/10.1021/jf104494j)

**Effect of Genetic Characteristics and Environmental Factors on Organosulfur Compounds in Garlic (*Allium sativum* L.) Grown in Andalusia, Spain**

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*Crop and Animal Protection Chemistry*

1308 [dx.doi.org/10.1021/jf1034459](https://doi.org/10.1021/jf1034459)

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1316 [dx.doi.org/10.1021/jf103558n](https://doi.org/10.1021/jf103558n)

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*Environmental Chemistry*

1324 [dx.doi.org/10.1021/jf1043713](https://doi.org/10.1021/jf1043713)

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## Flavors and Aromas/Chemosensory Perception

1330 [dx.doi.org/10.1021/jf103621x](https://doi.org/10.1021/jf103621x)  
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1338 [dx.doi.org/10.1021/jf103741n](https://doi.org/10.1021/jf103741n)  
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1344 [dx.doi.org/10.1021/jf103915y](https://doi.org/10.1021/jf103915y)  
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1352 [dx.doi.org/10.1021/jf102973d](https://doi.org/10.1021/jf102973d)  
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1363 [dx.doi.org/10.1021/jf1032729](https://doi.org/10.1021/jf1032729)  
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1370 [dx.doi.org/10.1021/jf103473d](https://doi.org/10.1021/jf103473d)  
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1376 [dx.doi.org/10.1021/jf1035004](https://doi.org/10.1021/jf1035004)  
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1383  [dx.doi.org/10.1021/jf1035433](https://doi.org/10.1021/jf1035433)  
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1392 [dx.doi.org/10.1021/jf103546t](https://doi.org/10.1021/jf103546t)  
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1400 [dx.doi.org/10.1021/jf103585s](https://doi.org/10.1021/jf103585s)  
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1415 [dx.doi.org/10.1021/jf1036273](https://doi.org/10.1021/jf1036273)  
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1423 [dx.doi.org/10.1021/jf103751z](https://doi.org/10.1021/jf103751z)  
Bovine Colostrum: Determination of Naturally Occurring Steroid Hormones by Liquid Chromatography–Tandem Mass Spectrometry (LC–MS/MS)  
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1428 [dx.doi.org/10.1021/jf103872g](https://doi.org/10.1021/jf103872g)  
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1432 [dx.doi.org/10.1021/jf103875f](https://doi.org/10.1021/jf103875f)  
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1442 [dx.doi.org/10.1021/jf103943e](https://doi.org/10.1021/jf103943e)  
Interaction between Casein Micelles and Whey Protein/k-Casein Complexes during Renneting of Heat-Treated Reconstituted Skim Milk Powder and Casein Micelle/Serum Mixtures  
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**Model Studies on the Pattern of Volatiles Generated in Mixtures of Amino Acids, Lipid-Oxidation-Derived Aldehydes, and Glucose**

An Adams, Valda Kitzytė, Rimantas Venskutonis, and Norbert De Kimpe\*

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**Organic Synthesis of New Putative Lycopene Metabolites and Preliminary Investigation of Their Cell-Signaling Effects**

Eric Reynaud, Gamze Aydemir, Ralph Rühl, Olivier Dangles, and Catherine Caris-Veyrat\*

### *Molecular Nutrition*

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**Feeding Rats Dietary Resistant Starch Reduces both the Binding of ChREBP and the Acetylation of Histones on the *Thrsp* Gene in the Jejunum**

Masaya Shimada, Kazuki Mochizuki, and Toshinao Goda\*

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[dx.doi.org/10.1021/jf103820b](https://doi.org/10.1021/jf103820b)

**Cacao Polyphenols Influence the Regulation of Apolipoprotein in HepG2 and Caco2 Cells**

Akiko Yasuda, Midori Natsume,\* Naomi Osakabe, Keiko Kawahata, and Jinichiro Koga