

2. Cărți publicate peste hotare
2.2. Contribuții în monografii - 2
Teze/Rezumate în culegeri - 9.

2023 - 1

DFT study of structural features of caffeic acid and quercetin responsible for realization of possible synergistic effect in their joint reaction with the cation-radical ABTS

Gorbachev Mikhail, Gorinchoy Natalia, Balan Iolanta

Institute of Chemistry, MSU

Advanced materials to reduce the impact of toxic chemicals on the environment and health"

Nr. 4(45) / 2009 / ISSN 0013-5739 / ISSNNe 2345-1718

Disponibil online 23 September, 2023. Descarcări-2. Vizualizări-211

2022 - 4

Ionic quasi-splet mechanism of the interaction of some organic antioxidant acids with the radicals ABTS•+ and DPPH•

Gorbachev Mikhail, Gorinchoy Natalia, Balan Iolanta

Institute of Chemistry

Ecological and environmental chemistry - 2022

Nr. 2 / 2014 / ISSN 1857-4440 / ISSNNe 2587-3393

Disponibil online 3 March, 2022. Descarcări-5. Vizualizări-457

Molecular orbital nature of the atmospheric reactions between the NO₃ radical and C₃ - C₁₀ n-alkanes: dft study

Gorbachev Mikhail, Gorinchoy Natalia

Institute of Chemistry

Ecological and environmental chemistry - 2022

Nr. 2 / 2014 / ISSN 1857-4440 / ISSNNe 2587-3393

Disponibil online 2 March, 2022. Descarcări-17. Vizualizări-446

The h-bond in environmental redox processes as a pseudo-Jahn-Teller effect

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Ecological and environmental chemistry - 2022

Nr. 2 / 2014 / ISSN 1857-4440 / ISSNNe 2587-3393

Disponibil online 2 March, 2022. Descarcări-15. Vizualizări-527

Theoretical study of the three-stages radical mechanism of the reaction of dihydroxyfumaric acid with the stable radical DPPH•

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Ecological and environmental chemistry - 2022

Nr. 2 / 2014 / ISSN 1857-4440 / ISSNe 2587-3393

Disponibil online 2 March, 2022. Descarcări-7. Vizualizări-507

2017 - 2

Acceleration of some dicarboximide groupe fungicides decay by titanium dioxide additive: experimental evidence and quantum-chemical background of common mechanism

Mikhail¹, Da Silva José P.², Gorbachev Mikhail¹, Gorinchoy Natalia¹

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² University of Algarve

Ecological and environmental chemistry - 2017

Nr. 6(30) / 2006 / ISSN 1810-9551

Disponibil online 15 March, 2019. Descarcări-1. Vizualizări-911

Sunlight induced decay of iprodione on titanium dioxide surface: LC-MS chromatography and DFT evidence

Gorbachev Mikhail, Gorinchoy Natalia, Natalia

Institute of Chemistry of the Academy of Sciences of Moldova

Ecological and environmental chemistry - 2017

Nr. 6(30) / 2006 / ISSN 1810-9551

Disponibil online 15 March, 2019. Descarcări-3. Vizualizări-913

2016 - 2

Kinetic study of antioxidant activity of vitamin E and its derivative

Yaltychenko Olga¹, Kanarovsky Evghenii¹, Gorinchoy Natalia², Gorbachev Mikhail²

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² Institute of Chemistry of the Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 1 August, 2019. Descarcări-0. Vizualizări-968

Stable macromolecular complex "CdSe quantum dot+oleic acid molecule+γ-cyclodextrin": NMR and quantum-chemical studies

Geru Ion, Barba Alic, Gorbachev Mikhail, Gorinchoy Natalia, Arsene Ion

Institute of Chemistry of the Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 31 July, 2019. Descarcări-2. Vizualizări-972

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