

## Cojocaru Corneliu

4. Articole în reviste de peste hotare

4.2. Articole în reviste din Scopus - 9

Teze/Rezumate în culegeri - 6.

### **Visible light-responsive Ce-doped ZnO ceramic nanostructures as effective photocatalysts for removal of persistent organic pollutants from contaminated waters**

*Pascariu Dorneanu Petronela<sup>1</sup>, Cojocaru Corneliu<sup>1</sup>, Ciornea Victor<sup>2</sup>, Romanițan Cosmin<sup>3</sup>, Serban Andreea Bianca<sup>4</sup>*

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### **Materials Today Sustainability**

Vol. 26, / 2024 / ISSN 2589-2347

Disponibil online 16 March, 2024. Descarcări-0. Vizualizări-95

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### **Adsorption of Brilliant Green Dye onto a Mercerized Biosorbent: Kinetic, Thermodynamic, and Molecular Docking Studies**

*Enache Andra Cristina<sup>1</sup>, Cojocaru Corneliu<sup>1</sup>, Samoila Petrisor Mugurel<sup>1</sup>, Ciornea Victor<sup>2</sup>, Apolzan Roxana<sup>3</sup>, Predeanu Georgeta<sup>4</sup>, Harabagiu Valeria<sup>1</sup>*

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### **Molecules (Basel, Switzerland)**

Vol. 28, / 2023 / ISSN - / ISSNe 1420-3049

Disponibil online 7 June, 2023. Descarcări-6. Vizualizări-303

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### **Nd-Doped ZnO Nanostructures with Enhanced Photocatalytic Performance for Environmental Protection**

*Pascariu Dorneanu Petronela<sup>1</sup>, Cojocaru Corneliu<sup>1,2</sup>, Samoila Petrisor Mugurel<sup>1</sup>, Romanițan Cosmin<sup>3</sup>*

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### **International Journal of Molecular Sciences**

Vol. 24, Nr. 7 / 2023 / ISSN 1661-6596 / ISSNe 1422-0067

Disponibil online 27 April, 2023. Descarcări-0. Vizualizări-260

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### **Synthesis, structure, computational modeling, and biological activity of two novel bimesitylene derivatives**

*Bahrin Lucian Gabriel<sup>1</sup>, Clima Lilia<sup>1</sup>, Shova Sergiu<sup>1</sup>, Roșca Irina<sup>1</sup>, Cojocaru Corneliu<sup>1</sup>, Bejan Dana<sup>1</sup>, Sardaru Monica C.<sup>1</sup>, Marangoci Narcisa Laura<sup>1</sup>, Lozan Vasile<sup>1,2</sup>, Rotaru Alexandru V.<sup>1</sup>*

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### **Research on Chemical Intermediates**

Nr. 2(45) / 2019 / ISSN 0922-6168

Disponibil online 1 July, 2019. Descarcări-0. Vizualizări-974

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### **Chemical kinetic model for methylurea nitrosation reaction: Computer-aided solutions to inverse and direct problems**

*Cojocaru Corneliu<sup>1</sup>, Duka Gh.<sup>2</sup>, Gonta Maria<sup>3</sup>*

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### **Chemical Engineering Journal**

Vol. 217, Nr. 3 / 2013 / ISSN 1385-8947

Disponibil online 12 April, 2023. Descarcări-0. Vizualizări-165

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### **Modeling and optimization of tartaric acid reactive extraction from aqueous solutions: A comparison between response surface methodology and artificial neural network**

*Marchitan Natalia<sup>1</sup>, Cojocaru Corneliu<sup>2</sup>, Mereuta Aliona<sup>1</sup>, Duka Gh.<sup>3</sup>, Cretescu Igor<sup>4</sup>, Gonta Maria<sup>1</sup>*

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### **Separation and Purification Technology**

Vol. 75, Nr. 3 / 2010 / ISSN 1383-5866 / ISSNe 1873-3794

Disponibil online 12 April, 2023. Descarcări-0. Vizualizări-216

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### **Mathematical modelling and optimization of the anaerobic treatment of the winery waste waters**

*Suman Ion<sup>1</sup>, Cojocaru Corneliu<sup>2</sup>, Cretescu Igor<sup>2</sup>, Duka Gh.<sup>3</sup>, Malina Joseph<sup>4</sup>, Covaliov Victor<sup>1</sup>*

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### **Revista de Chimie**

Vol. 58, / 2007 / ISSN 0034-7752

Disponibil online 18 June, 2024. Descarcări-0. Vizualizări-9

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### **Production of tartaric acid from wine yeast via reactive extraction**

*Duka Gh.<sup>1</sup>, Mereuta Aliona<sup>1</sup>, Gonta Maria<sup>1</sup>, Cojocaru Corneliu<sup>2</sup>*

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### **Environmental Engineering and Management Journal**

Vol. 3, / 2004 / ISSN 1582-9596

Disponibil online 13 April, 2023. Descarcări-0. Vizualizări-215

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### **Process simulation of hydrocarbons removal from water surface using a capillary absorption system**

*Cojocaru Corneliu<sup>1</sup>, Macoveanu Matei<sup>1</sup>, Duka Gh.<sup>2</sup>*

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Vol. 2, / 2003 / ISSN 1582-9596

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