

## ФАКУЛЬТЕТ ХИМИИ

Ակորդանական և անալիտիկ քիմիայի ամբիոն

Преподаватель по часовой оплате

## Публикации

### Статья

#### **Cu-Mo composite powders obtained by combustion-coreduction process**

S.V. Aydinyan, H.V. Kirakosyan, S.L. Kharatyan

International Journal of Refractory Metals & Hard Materials 2016 455-463

[https://www.journals.elsevier.com/international-journal-of-refractory-metals-an...](https://www.journals.elsevier.com/international-journal-of-refractory-metals-and-hard-materials)

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#### **DTA/TG study of CuO and MoO<sub>3</sub> co-reduction by combined Mg/C reducers**

Hasmik Kirakosyan, Tatev Minasyan, Ofik Niazyan, Sofiya Aydinyan, Suren Kharatyan

Journal of Thermal Analysis and Calorimetry 2016 35-41

<http://link.springer.com/journal/10973>

### Статья

#### **Reaction pathway in the WO<sub>3</sub>-CuO-Mg-C system at nonisothermal conditions**

S. Aydinyan, H. Kirakosyan, O.Niazyan, M. Tumanyan, Kh. Nazaretyan, S. Kharatyan

Armenian Journal of Physics 2016 83-88

<http://ajp.asj-oa.am/>

### Статья

#### **Combustion Synthesis of Mo-Cu Composite Powders from Oxide Precursors with Various Proportions of Metals**

T.T. Minasyan, S.V. Aydinyan, S.L. Kharatyan

Հայաստանի քիմիական հանդես 2016 47-57

<http://www.flib.sci.am/eng/Qimia/Frame.html>

### Статья

#### **W-Cu Composite Powders by Joint Reduction of Oxides in Combustion Mode**

H.V. Kirakosyan, S.V. Aydinyan, S.L. Kharatyan

International Journal of Self-Propagating High-Temperature Synthesis 2016 215-223

<http://www.springer.com/materials/journal/12003>

### Статья

#### **DTA/TG Study of Reduction Mechanism of WO<sub>3</sub>+CuO Mixture by Combined Mg/C Reducer**

O.M. Niazyan, S.V. Aydinyan, S.L. Kharatyan

Հայաստանի քիմիական հանդես 2016 399-406

<http://www.flib.sci.am/eng/Qimia/Frame.html>

### Статья

#### **DTA/TGA study of copper molybdate carbothermal reduction**

S.V. Aydinyan, H.V. Kirakosyan, O.M. Niazyan, S.L. Kharatyan

Հայաստանի քիմիական հանդես 2015 196-206

<http://www.flib.sci.am/eng/Qimia/Frame.html>

Конференция

**Combustion synthesis of Cu-Mo and Cu-W pseudoalloys from various precursors**

Kirakosyan Hasmik, Minasyan Tatev, Aydinyan Sofiya, Kharatyan Suren

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**Syntheses and Fabrication of Cu-W Composites Combining SHS and HEC Technologies**

S.V. Aydinyan, H.V. Kirakosyan, S.L. Kharatyan, A. Peikrishvili, G. Mamniashvili, B. Godibadze,

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**Preparation of W-Cu Composite Powder from Salt Precursors by SHS**

Kirakosyan H.V., Aboyan L.S., Aydinyan S.V., Kharatyan S.L., Godibadze B.A., Mamniashvili G.I.,

Peikrishvili A.B.

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**Combustion Synthesis of 2W-Cu & W-3Cu Composite Nanopowders from Oxide Precursors**

Zakaryan M.K., Kirakosyan H.V., Aydinyan S.V., Kharatyan S.L., Godibadze B.A., Mamniashvili G.I.,

Peikrishvili A.B.

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**Magnesiothermic Reduction of Silica Obtained from Serpentine Mineral and Preparation of**

**Fine Silicon Powder**

Zakaryan Marieta, Aydinyan Sofiya, Zulumyan Nshan, Kharatyan Suren

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