

Faculty of Chemistry

Chair of Inorganic and Analytical Chemistry

Lecturer on an hourly basis

✉ sofiya.aydinyan@ysu.am

Publications

Article

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...>

Article

DTA/TG study of CuO and MoO₃ 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>

Article

Reaction pathway in the WO₃-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/>

Article

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>

Article

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>

Article

DTA/TG Study of Reduction Mechanism of WO₃+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>

Article

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>

Conference

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

Kirakosyan Hasmik, Minasyan Tatev, Aydinyan Sofiya, Kharatyan Suren

Conference

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,

E.Sh. Chagelishvili, D.R. Lesuer, M. Gutierrez

Conference

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

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

Peikrishvili A.B.

Conference

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.

Conference

Magnesiothermic Reduction of Silica Obtained from Serpentine Mineral and Preparation of Fine Silicon Powder

Zakaryan Marieta, Aydinyan Sofiya, Zulumyan Nshan, Kharatyan Suren
