

Decomposition kinetics of American, Chinese and Estonian oil shales kerogen

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Implementing a sol-gel route to adjust the structural and dielectric characteristics of Bi and Fe co-doped BaTiO₃ ceramics

Gouadria, Hamida; Mourad, Smari; Mnasri, Taoufik; **Necib, Jallouli**; López Sánchez, Jesús; Marín, Pilar; Jamale, Atul P.; Ben Younes, Rached Inorganic chemistry communications 2023 / art. 110241 <https://doi.org/10.1016/j.inoche.2022.110241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In vitro fibrillization of Alzheimer's amyloid- β peptide (1-42)

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The interaction pathway in the mechano-ultrasonically assisted and carbon-nanotubes augmented nickel-aluminum system

Nazaretyan, Khachik; Kirakosyan, Hasmik; **Volobujeva, Olga; Aydinian, Sofiya** Metals 2022 / art. 436 <https://doi.org/10.3390/met12030436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The mechanism of joint reduction of MoO₃ and CuO by combined Mg/C reducer at high heating rates

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NiO reduction by Mg plus C combined reducer at high heating rates

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Reactivities of American, Chinese and Estonian oil shale semi-cokes and Argonne premium coal chars under oxy-fuel combustion conditions

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Thermal decomposition behaviors and kinetic parameter calculations during common reed and its components pyrolysis

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