

**Carbon aerogels from 5-methylresorcinol-formaldehyde gels = Süsinikaerogeelid 5-metüülresortsinoolist ja formaldehydist**

**Perez-Caballero, Fernando** 2008 <https://digi.lib.ttu.ee/i/?284> [https://www.ester.ee/record=b2431316\\*est](https://www.ester.ee/record=b2431316*est)

**Low-density organic aerogels from oil shale by-product 5-methylresorcinol**

**Peikolainen, Anna-Liisa; Perez-Caballero, Fernando; Koel, Mihkel** Oil shale 2008 / 3, p. 348-358 : ill  
[https://www.researchgate.net/publication/250207343\\_Low-density\\_organic\\_aerogels\\_from\\_oil\\_shale\\_by-product\\_5-methylresorcinol](https://www.researchgate.net/publication/250207343_Low-density_organic_aerogels_from_oil_shale_by-product_5-methylresorcinol)

**Oil shale phenol-derived aerogels as supports for palladium nanoparticles**

**Perez-Caballero, Fernando; Peikolainen, Anna-Liisa; Uibu, Mai; Herbert, M.; Galindo, A.; Montilla, F.; Koel, Mihkel** Oil shale 2009 / 1, p. 28-39 : ill [https://artiklid.elnet.ee/record=b1141307\\*est](https://artiklid.elnet.ee/record=b1141307*est)

**Organic aerogels as precursors for the preparation of porous carbons**

**Perez-Caballero, Fernando; Peikolainen, Anna-Liisa; Koel, Mihkel; White, R.J.; Budarin, V.; Clark, J.H.** Progress in porous media research 2009 / p. 419-459 : ill

**Preparation of carbon aerogels from 5-methylresorcinol-formaldehyde gels**

**Perez-Caballero, Fernando; Peikolainen, Anna-Liisa; Uibu, Mai; Kuusik, Rein, keemik; Volobujeva, Olga; Koel, Mihkel** Microporous and mesoporous materials 2008 / p. 230-236 : ill

**Preparation of nanostructured carbon materials**

**Perez-Caballero, Fernando; Peikolainen, Anna-Liisa; Koel, Mihkel** Proceedings of the Estonian Academy of Sciences 2008 / 1, p. 48-53 : ill

**Preparation of the catalyst support from the oil-shale processing by-product**

**Perez-Caballero, Fernando; Peikolainen, Anna-Liisa; Koel, Mihkel; Herbert, M.; Galindo, A.; Montilla, F.** The open petroleum engineering journal 2008 / p. 42-46 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=bb52295bcd2bc43fe5b0478476c6faeeda31843c>

**Süsinikaerogeelid kui tugimaterjalid heterogeenses katalüüsiks**

**Perez-Caballero, Fernando; Koel, Mihkel** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 82-83