

Atomic layer deposition of high-k dielectrics on carbon nanoparticles

Tamm, Aile; **Koel, Mihkel**; **Peikolainen, Anna-Liisa** Thin solid films 2013 / p. 16-20 : ill <https://doi.org/10.1016/j.tsf.2012.09.071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon aerogel based electrode material for EAP actuators

Kaasik, Friedrich; Torop, Janno; **Peikolainen, Anna-Liisa**; **Koel, Mihkel**; Aabloo, Alvo Proceedings of SPIE 2011 / p. 79760O-1 - 79760O-8 : ill

Carbon aerogel-cellulose films and fibres with electrical conductivity and antibacterial properties against cyanobacteria

Elhi, Fred; Kisand, Veljo; **Peikolainen, Anna-Liisa**; **Koel, Mihkel**; Aabloo, Alvo 3rd Seminar on Aerogels : Synthesis-Properties-Applications : 22-23 September 2016, Mines ParisTech - PSL Research University, Sophia Antipolis (France) : proceedings 2016 / p. 180

Carbon xerogel from 5-methylresorcinol-formaldehyde gel : the controllability of structural properties

Peikolainen, Anna-Liisa; **Uibu, Mai**; Kozlova, Jekaterina; Mändar, Hugo; Tamm, Aile; Aabloo, Alvo Carbon trends 2021 / art. 100037, 11 p. : ill <https://doi.org/10.1016/j.cartre.2021.100037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of carbon aerogel and carbide-derived carbon as electrode materials for non-aqueous supercapacitors with high performance

Laheäär, Ann; **Peikolainen, Anna-Liisa**; **Koel, Mihkel**; Jänes, Alar; Lust, Enn Journal of solid state electrochemistry 2012 / p. 2717-2722 : ill <https://link.springer.com/article/10.1007/s10008-012-1660-4>

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Electroactive polymer actuators with carbon aerogel electrodes

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Inkjet-printed hybrid conducting polymer-activated carbon aerogel linear actuators driven in an organic electrolyte

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

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