

Axial and torsional buckling analysis of single- and multi-walled carbon nanotubes : finite element comparison between armchair and zigzag types

Rahmani Ahranjani, Ramin; Antonov, Maksim SN Applied Sciences 2019 / art. 1134, 13 p. : ill <https://doi.org/10.1007/s42452-019-1190-0>

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 materials obtained from self-binding sugar cane bagasse and deciduous wood residues plastics

Zandersons, J.; Gravitis, J.; Zhurinsh, A.; Kokorevics, A.; **Kallavus, Urve**; Suzuki, C.K. Biomass and bioenergy 2004 / 4, p. 345-360 : ill https://www.fem.unicamp.br/~liqcqits/publications/paper_files/BiomBioe2004v26-4p345-360_Zandersons.pdf

Development and analysis of carbon-based dry-contact electrodes for bioimpedance measurements = Süsinikmaterjalil põhinevate kuivkontakt-elektroodide arendus ja analüüs bioimpedantsi mõõtmiseks

Kõiv, Hip 2023 <https://doi.org/10.23658/taltech.1/2023> <https://digikogu.taltech.ee/et/Item/f2775738-652e-4b4e-ba34-7a61fab78867>
https://www.ester.ee/record=b5528441*est

Eesti ettevõtjate ja teadlaste vaheline koostöö ringmajanduses on viimastel aastatel jõudsalt arenenud

postimees.ee 2025 <https://roheline.postimees.ee/8216211/eesti-ettevotjate-ja-teadlaste-vaheline-koostoo-ringmajanduses-on-viimastel-aastatel-joudsalt-arenenud>

Effect of laser heat treatment on AlxTi1-xN-based PVD coatings, deposited on carbon and tool steel substrates

Surženkov, Andrei; Viljus, Mart; Antonov, Maksim; Kübarsepp, Jakob; Juhani, Kristjan; Kulu, Priit; Vagiström, Heinar; Jankauskas, Vytenis; Leišys, Rimtautas; Bendikiene, Regita; Adoberg, Eron; Peetsalu, Priidu; **Mere, Arvo; Gregor, Andre** Surface and coatings technology 2022 / art. 128771 <https://doi.org/10.1016/j.surfcoat.2022.128771> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrochemical Reduction of Oxygen on Platinum-Modified Carbon Materials = Elektrokeemiline hapniku redutseerumine platinaga modifitseeritud süsinikmaterjalidel

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Fabrication of novel metal, nitrogen co-doped carbon materials based on a unique organic ligand = Uue orgaanilise ligandi kasutuselevõtt metalli ja lämmastikuga rikastatud süsinikmaterjalide sünteesimiseks

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

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Rational design of carbonaceous MOF-based materials for chemo- and electrocatalytic applications = Süsinikurikastel, metall-orgaanilistel võrestikel põhinevate materjalide disain ja nende kasutuselevõtt kemo- ja elektrokatalüütistes rakendustes

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