

Co-condensates of resorcinols and methylol compounds for adhesive resins

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Comparative results of low temperature annealing of lightly doped n-layers of silicon carbide irradiated by protons and electrons

Kozlovski, Vitali V.; **Korolkov, Oleg**; Lebedev, Alexander A.; **Toompuu, Jana**; **Sleptsuk, Natalja** Silicon Carbide and Related Materials 2019 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 2020 / p. 231-236 <https://doi.org/10.4028/www.scientific.net/MSF.1004.231> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

De novo 3D structure determination from sub-milligram protein samples by solid-state 100 kHz MAS NMR spectroscopy

Agarwal, Vipin; Penzel, Susanne; Szekely, Kathrin; Cadalbert, Riccardo; Testori, Emilie; **Oss, Andres**; **Past, Jaan**; **Samoson, Ago**; Ernst, Matthias; Böckmann, Anja; Meier, Beat H. Angewandte Chemie international edition 2014 / p. 12253-12256 : ill
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Dependence of the carrier removal rate in 4H-SiC PN structures on irradiation temperature

Lebedev, Alexander A.; Davydovskaya, Klavdia S.; Kozlovski, Vitali V.; **Korolkov, Oleg**; **Sleptsuk, Natalja**; **Toompuu, Jana** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK 2019 / p. 730-733 <https://doi.org/10.4028/www.scientific.net/MSF.963.730> [Conference proceeding at Scopus](#) [Article at Scopus](#)

High and fast : NMR protein-proton side-chain assignments at 160 kHz and 1.2 GHz

Callon, Morgane; Luder, Dominique; Malär, Alexander A.; Wiegand, Thomas; Římal, Václav; Lecoq, Lauriane; Böckmann, Anja; **Samoson, Ago**; Meier, Beat H. Chemical Science 2023 / p. 10824 - 10834 <https://doi.org/10.1039/d3sc03539e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the proton irradiation temperature on the characteristics of high-power high-voltage silicon carbide schottky diodes

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NMR assignment of methyl groups in immobilized proteins using multiple-bond ¹³C homonuclear transfers, proton detection, and very fast MAS

Paluch, Piotr; Augusyniak, Rafal; **Org, Mai-Liis**; **Vanatalu, Kalju**; **Kaldma, Ats**; **Samoson, Ago**; Stanek, Jan Frontiers in Molecular Biosciences 2022 / Art. 828785 <https://doi.org/10.3389/fmolb.2022.828785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Proton transport peptidides

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Spinning faster: protein NMR at MAS frequencies up to 126kHz

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Thermodynamic behaviour of proton exchange membrane fuel cell under different thermal treatment regimes

Kesküll, Konon; **Podgurski, Vitali** Proceedings of the Estonian Academy of Sciences 2024 / p. 361-365
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