

Antibacterial activity of positively and negatively charged hematite (α -Fe₂O₃) nanoparticles to Escherichia coli, Staphylococcus aureus and Vibrio fischeri

Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; **Rosenberg, Merilin**; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 <https://doi.org/10.3390/nano11030652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites

Kasemets, Kairi; Laanoja, Jüri; Sihtmäe, Mariliis; Kurvet, I.; Otsus, Maarja; Vija, H.; Kahru, Anne (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 61_875 <https://www.dropbox.com/s/w8prtknkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

B-plexins control microtubule dynamics and dendrite morphology of hippocampal neurons

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Characterization of the rodent PLXNB3 gene and its minimal promoter

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Chitosan-copper oxide nanocomposites : synthesis, antibacterial efficacy, and cytotoxicity

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Cocksfoot mottle sobemovirus establishes infection through the phloem

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Plexin-B3 suppresses excitatory and promotes inhibitory synapse formation in rat hippocampal neurons

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Silver–chitosan nanocomposites for biomedical application : design, synthesis and antimicrobial efficiency

Kasemets, Kaja; **Laanoja, Jüri**; **Sihtmäe, Mariliis**; **Vija, Heiki**; **Kurvet, Imbi**; **Otsus, Maarja**; **Kahru, Anne** International Conference EcoBalt 2023 "Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092040>

Study of the development of bacterial resistance to silver-chitosan nanocomposites and cross-resistance to common antibiotics

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Synthesis and antibacterial efficiency of chitosan–copper oxide nanocomposites

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