

A comprehensive review on development of waste derived hydroxyapatite (HAp) for tissue engineering application
Kumar Yadav, Mayank; Shukla, Riddhi Hirenkumar; Prashanth, Konda Gokuldoss Materials today: proceedings 2023 / 7 p. :
ill <https://doi.org/10.1016/j.matpr.2023.04.669>

Densification of the eggshell powder by spark plasma sintering

Shukla, Riddhi Hirenkumar; Rathinavelu, Sokkalingam; Kollo, Lauri; Prashanth, Konda Gokuldoss Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 56 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Densification of the eggshell powder by spark plasma sintering

Shukla, Riddhi Hirenkumar; Sokkalingam, Rathinavelu; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2023 / art. 171079 <https://doi.org/10.1016/j.jallcom.2023.171079> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development of Ti-eggshell composite for bio-implants applications = Ti-munakoore komposiidi väljatöötamine bioimplantaatide rakenduste jaoks

Shukla, Riddhi Hirenkumar 2025 https://www.ester.ee/record=b5730420*est <https://digikogu.taltech.ee/et/Item/e2ae3e2f-5df1-47bb-ac63-a3f64e703685> <https://doi.org/10.23658/taltech.10/2025>

Kasututest munakoortest saaks teha tehislীগeseid

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Manufacturability and deformation studies on a novel metallic lattice structure fabricated by Selective Laser Melting

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Metallic multimaterials fabricated by combining additive manufacturing and powder metallurgy

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Microstructural, mechanical, corrosion, and biological behavior of spark plasma sintered commercially pure zinc for biomedical applications

Yadav, Mayank Kumar; Shukla, Riddhi Hirenkumar; Praveenkumar, K.; Nilawar, Sagar; Perugu, Chandra Sekhar; Sellamuthu, Prabhukumar; Chatterjee, Kaushik; Suwas, Satyam; Jayaraj, Jayamani; Prashanth, Konda Gokuldoss Materials advances 2025 <https://doi.org/10.1039/D5MA00092K>

A novel Ti-eggshell-based composite fabricated by combined additive manufacturing-powder metallurgical routes as bioimplants

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Ti6Al4V coating on 316L substrate by laser-based fusion process

Shukla, Riddhi Hirenkumar; Prashanth, Konda Gokuldoss Transactions of the Indian Institute of Metals 2023 / p. 435-445 <https://doi.org/10.1007/s12666-022-02748-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Õrnad munakoored võivad saada tugevaks tehispusaks

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