

Bio-inspired TiB₂-TiB-TiN lattices by selective laser melting

Liu, Le; Minasyan, Tatevik; Kamboj, Nikhil; Aydinyan, Sofiya; Hussainova, Irina Materials Letters 2020 / art. 128337
<https://doi.org/10.1016/j.matlet.2020.128337> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrochemically synthesised CdSe nanofibers and pearl-chain nanostructures for photovoltaic applications

Kois, Julia; Bereznev, Sergei; Gurevits, Jelena; Volobujeva, Olga Materials letters 2013 / p. 110-113 : ill
<https://doi.org/10.1016/j.matlet.2012.11.122> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fibrous alumina-based Ni-CeO₂ catalyst : synthesis, structure and properties in propane pre-reforming

Potemkin, D. I.; Aghayan, Marina; Kamboj, Nikhil Kumar; Hussainova, Irina Materials letters 2018 / p. 35-37 : ill
<https://doi.org/10.1016/j.matlet.2017.12.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fibrous alumina-based Ni-MO_x (M= Mg, Cr, Ce) catalysts for propane pre-reforming

Uskov, S. I.; Potemkin, D. I.; Kamboj, Nikhil Kumar; Snytnikov, P.V.; Hussainova, Irina Materials letters 2019 / art. 126741, 4 p. : ill
<https://doi.org/10.1016/j.matlet.2019.126741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of Cu₂S, SnS and Cu₂ZnSnSe₄ on optical properties of Cu₂ZnSnS₄

Mamedov, D.; Klopov, Mihail; Karazhanov, S. Zh. Materials letters 2017 / p. 70-72 : ill <https://doi.org/10.1016/j.matlet.2017.05.069>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanochemical synthesis of solid-state electrolyte Sm_{1-x}CaxF_{3-x} for batteries and other electrochemical devices

Molaiyan, Palanivel; Witter, Raiker Materials letters 2019 / p. 22-26 <https://doi.org/10.1016/j.matlet.2019.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and mechanical properties of NiTi-SS bimetallic structures built using wire arc additive manufacturing

Singh, Shalini; Jinoop, A. N.; Palani, Iyamperumal Anand; Paul, Christ Prakash; Tomar, K. P.; Prashanth, Konda Gokuldoss Materials letters 2021 / art. 130499, 4 p. : ill <https://doi.org/10.1016/j.matlet.2021.130499> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mo(Si,Al)₂ by laser powder bed fusion of AlSi10Mg and combustion synthesized MoSi₂

Minasyan, Tatevik; Ivanov, Roman; Toyserkani, Ehsan; Hussainova, Irina Materials letters 2022 / art. 131041
<https://doi.org/10.1016/j.matlet.2021.131041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mo(Si_{1-x}Al_x)₂-based composite by reactive laser powder-bed fusion

Minasyan, Tatevik; Aydinyan, Sofiya; Liu, Le; Volobujeva, Olga; Toyserkani, Ehsan; Hussainova, Irina Materials letters 2020 / art. 128776, 5 p. : ill <https://doi.org/10.1016/j.matlet.2020.128776> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel crack-free and refined 2195-Ti/CeB₆ composites prepared by laser powder bed fusion

Xi, Lixia; Xu, Juncan; Gu, Dongdong; Feng, Lili; Lu, Qiuyang; Prashanth, Konda Gokuldoss Materials letters 2023 / art. 133572
<https://doi.org/10.1016/j.matlet.2022.133572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties development of ultrafine-grained copper under hard cyclic viscoplastic deformation

Kommel, Lembit Materials letters 2010 / p. 1580-1582 : ill <https://www.sciencedirect.com/science/article/pii/S0167577X10003526>

Rapid assessment of photovoltaic activity of perovskite solar cells by photoluminescence spectroscopy

Dileep, K. Reshma; Mandati, Sreekanth; Ramasamy, Easwaramoorthi; Mallick, S; Rao, Tata Naransinga; Veerappan, Ganapathy Materials letters 2021 / art. 130056, 4 p. : ill <https://doi.org/10.1016/j.matlet.2021.130056>

Revealing the impact of Hot Isostatic Pressing temperature on the microstructure and mechanical characteristics of Selective Laser Melted CuAlNiMn shape memory alloy

Singh, Shalini; Narayanan, Jinoop Arackal; Dehgahi, Shirin; Qureshi, A. J.; Palani, Iyamperumal Anand; Paul, Christ Prakash; Prashanth, Konda Gokuldoss Materials letters 2024 / art. 136452 <https://doi.org/10.1016/j.matlet.2024.136452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective photocurrent generation in HfO₂ and carbon nanotube hybrid nanocomposites under Ultra-Violet and visible photoexcitations

Rauwel, Protima; Galeckas, Augustinas; Ducroquet, Frédérique; Rauwel, Erwan Materials Letters 2019 / p. 45 - 48
<https://doi.org/10.1016/j.matlet.2019.03.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Superhard B₄C-ReB₂ composite by SPS of microwave synthesized nanopowders

Mnatsakanyan, R.; Davtyan, D.; Minasyan, Tatevik; Aydinyan, Sofiya; Hussainova, Irina Materials letters 2021 / art. 129163, 5 p. : ill <https://doi.org/10.1016/j.matlet.2020.129163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Testing Mg as an anode against BiF₃ and SnF₂ cathodes for room temperature rechargeable fluoride ion batteries

