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Chapters in Books/Book Series

1. Mitun Das, **Vamsi Krishna Balla**, *Additive Manufacturing of Titanium and its alloys*, Springer Handbook of Additive Manufacturing, Ed.: Christoph Klahn, Dongdong Gu, Mario Monzon, Tao Sun, Alain Bernard and Eujin Pei, Springer, In press (2022).
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1. Arulselvan Arumugham Akilan, Ravi K. Enneti, **Vamsi Krishna Balla**, and Sundar V. Atre, Effects of Hot Isostatic Pressing on the Properties of Laser-Powder Bed Fusion Fabricated Water Atomized 25Cr7Ni Stain-less Steel, *Lubricants*, 10 (12) (2022) 340 [Impact factor: 3.584]. [Online Access](#)
2. Itishree Ratha, Pradyot Datta, Nimu Chand Reger, Himanko Das, **Vamsi Krishna Balla**, K. Bavya Devi, Mangal Roy, Samit Kumar Nandi, Biswanath Kundu, In vivo osteogenesis of plasma sprayed ternary-ion doped hydroxyapatite coatings on Ti6Al4V for orthopaedic applications, *Ceramics International*, 48 (8) (2022) 11475-11488 [Impact factor: 5.532]. [Online Access](#)
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5. Anuradha Jana, Mitun Das, **Vamsi K Balla**, In vitro and in vivo degradation assessment and preventive measures of biodegradable Mg alloys for biomedical applications, *Journal of Biomedical Materials Research Part A*, 110 (2) (2022) 462-487 [Impact factor: 4.854]. [Online Access](#)

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9. Uzwalkiran.R, Anuradha Jana, Srikanth Bontha, Ramesh M. R, **Vamsi Krishna Balla**, Comparative investigation of coating and friction stir processing on Mg-Zn-Dy alloy to improve antibacterial, bioactive and corrosion behavior, *Surface & Coating Technology*, 425 (2021) 127708 [Impact factor: 4.865]. [Online Access](#)
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13. Anuradha Jana, Sourav Dutta, Mangal Roy, Aravind U, Mitun Das, **Vamsi K Balla**, Microstructure, mechanical, in vitro corrosion and biocompatibility response study of Mg–5Zn–0.5Zr alloy, ***MRS Advances***, 6 (2021) 472-476 [Impact factor to be received]. [Online Access](#)
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