List of Publications

In SCI Journals

1. David Svetlizky, Baolong Zheng, Alexandra Vyatskikh, Mitun Das, Susmita Bose, Amit Bandyopadhyay, Julie M. Schoenung, Enrique J. Lavernia, Noam Eliaz, Laser-based directed energy deposition (DED-LB) of advanced materials, Materials Science and Engineering: A, Volume 840, 2022 **(IF: 5.234)**
2. S. Thanka Rajan, Mitun Das, A.Arockiarajan, Biocompatibility and corrosion evaluation of niobium oxide coated AZ31B alloy for biodegradable implants, Colloids and Surfaces B: Biointerfaces, Volume 212, April 2022, 112342 **(IF: 5.999)**
3. Pallabi Roy, Poulomi Mukherjee, Anuradha Jana, Mitun Das, Sumana Ghosh Comparative study on thermal cyclic resistance of glass–ceramic-bonded TBC system and conventional TBC system, Journal of the Australian Ceramic Society **(Accepted)**
4. S. Thanka Rajan, Mitun Das, A.Arockiarajan , In vitro biocompatibility and degradation assessment of tantalum oxide coated Mg alloy as biodegradable implants, Journal of alloy and compounds, 905 (2022) 164272 **(IF : 5.316)**
5. Swarnima Singh, Krishna Kant Pandey, Vamsi Krishna Balla, Mitun Das, Anup Kumar Keshri,Corrosion, Wear and in-vitro Biocompatibility Property of Surface Mechanical Attrition Treatment processed Ti-6Al-4V Alloy, JOM, 73 (2021) 4387-4396 **(IF : 2.471)**
6. David Svetlizky, Mitun Das, Baolong Zheng, Alexandra L. Vyatskikh, Susmita Bose, Amit Bandyopadhyay, Julie M. Schoenung, Enrique J. Lavernia, Noam Eliaz, Directed energy deposition (DED) additive manufacturing: Physical characteristics, defects, challenges and applications, Materials Today, 49 (2021) 271- 295 **(IF: 31.04)**
7. Souvik Sahoo, Anuja Joshi, Vamsi K. Balla, Mitun Das, Shibayan Roy, Site-specific microstructure, porosity and mechanical properties of LENS™ processed Ti–6Al–4V alloy, Materials Science and Engineering: A, 820 (2021) 141494 **(IF: 5.234)**
8. S. Thanka Rajan, Mitun Das, P. Sasi Kumar, A. Arockiarajan, B. Subramanian, Biological performance of metal metalloid (TiCuZrPd:B) TFMG fabricated by pulsed laser deposition, Colloids and Surfaces B: Biointerfaces, 202 (2021) 111684 **(IF: 5.268)**
9. Monideepa Mukherjee, Jaydeb Kundu, Vamsi Krishna Balla, Mitun Das, K. Sai Babu, G.V. Murali Krishna, Mahadev Shome, Microstructure and properties of parts manufactured by directed energy deposition of water-atomized low-alloy steel powders, Materials Science and Engineering: A, 814 (2021) 141232 **(IF: 5.234)**
10. Anuradha Jana1, Sourav Dutta, Mangal Roy, U. Aravind, Mitun Das, Vamsi K. Balla, Microstructure, mechanical, in vitro corrosion and biocompatibility response study of as-cast and as-rolled Mg–5Zn–0.5Zr alloy. MRS Advances 6 (2021) 472-476.
11. Mitun Das, Orna Sharabani-Yosef, Noam Eliaz1, Daniel Mandler, Hydrogel Integrated 3D Printed Poly(lactic acid) Scaffold for Bone Tissue Engineering, Journal of Materials Research 36(19) (2021) 3833-3842 **(IF : 2.949)**
12. Akrity Anand, **Mitun Das**, Biswanath Kundu, Vamsi Krishna Balla , Subhadip Bodhak and S Gangadharan, Tribocorrosion characteristics of Ti6Al4V-TiB-TiN in-situ composite coatings prepared using plasma spraying, Journal of Composite Materials 0(0) (2020) 1–12 **(IF : 1.972)**
13. Manoj Kumar, **Mitun Das**, Jyotsna Dutta Majumdar and Indranil Manna, Development of Graded Composition and Microstructure on Inconel 718 by Laser Surface Alloying with Si, Al and ZrB2for Improvement in High Temperature Oxidation Resistance, Surface Coating and Technology, 402 (2020)126345 **(IF : 4.158)**

14. Sudeep Paul, Parthiban Ramasamy, Mitun Das, Durbadal Mandal, Oliver Renk, Mariana Calin, Jürgen Eckert, Supriya Bera, New Mg-Ca-Zn amorphous alloys: biocompatibility, wettability and mechanical properties, Materialia 12 (2020) 100799
15. Rakesh K.R., Srikanth Bontha, Ramesh M.R., Mitun Das, Vamsi Krishna Balla, Degradation, wettability and surface characteristics of laser surface modified Mg-Zn-Gd-Nd alloy, Journal of Materials Science: Materials in Medicine 31, 42(2020) **(IF : 2.489)**
16. V. Sharma, S. Bose, B. Kundu, S. Bodhak, **Mitun Das**, V. K. Balla, B. Basu, Probing influence of γ-sterilization on the oxidation, crystallization, sliding wear resistance and cytocompatibility of chemically modified graphene oxide reinforced HDPE/UHMWPE nanocomposites and wear debris, ACS Biomaterials Science and Engineering, 6 (2020) 1462-1475. **(IF: 4.152)**
17. Anuradha Jana, **Mitun Das***, Vamsi Krishna Balla, Effect of heat treatment on microstructure, mechanical, corrosion and biocompatibility of Mg-Zn-Zr-Gd-Nd alloy, Journal of alloy and compounds 821 (2020) 153462 **(IF: 4.175)**
18. Souvik Sahoo, Arijit Sinha, **Mitun Das***, Synthesis, characterization and in vitro biocompatibility study of strontium titanate ceramic: A potential biomaterial, Journal of the Mechanical Behavior of Biomedical Materials, 102 (2020) 103494 **(IF: 3.485)**
19. Aniruddha Samanta, Ramkrishna Rane, Biswanath Kundu, Dipak Kr. Chanda, Jiten Ghosh, Sandip Bysakh, Ghanshyam Jhala, Alphonsa Joseph, Subroto Mukherjee, Mitun Das, Anoop Kumar Mukhopadhyay, Bio-tribological response of duplex surface engineered SS316L for hip-implant application, Applied Surface Science, 507 (2020) 145009 **(IF: 5.155)**
20. Sujith Kumar S, Lakhindra Marandi, Vamsi K. Balla, SandipBysakh, David Piorunek, Gunther Eggeler, **Mitun Das**, Indrani Sen, Microstructure – Property correlations for additively manufactured NiTi based shape memory alloys, Materialia,8 (2019) 100456
21. S. Bera, S. Paul, P. Ramasamy, D. Mandal, **Mitun Das**, A. Lassnig, O. Renk, M. Calin, J. Eckert, Synthesis of new glassy Mg-Ca-Zn alloys with exceptionally low Young's Modulus: Exploring near eutectic compositions, Scripta Materialia, 173 (2019) 139-143 **(IF: 4.539)**
22. Awadesh Kumar Mallik, **Mitun Das**, Sumana Ghosh, Dibyendu Chakravarty, Spark Plasma Sintering of Ti-diamond composites, Ceramics International, 45(9) (2019) 11281-11286 **(IF: 3.057)**
23. Purnendu Nasker, Aniruddha Samanta, Sudip Rudra, Arijit Sinha, Anoop K. Mukhopadhyay, **Mitun Das***, Effect of fluorine substitution on sintering behaviour, mechanical and bioactivity of hydroxyapatite, Journal of the Mechanical Behavior of Biomedical Materials 95 (2019) 136–142 **(IF: 3.239)**
24. K.R Rakesh, Srikanth Bontha, M.R Ramesh, **Mitun Das**, Vamsi Krishna Balla, Laser surface melting of Mg-Zn-Dy alloy for better wettability and corrosion resistance for biodegradable implant applications, Applied Surface Science, 480 (2019) 70-82 **(IF:4.439)**
25. Revathi A, Mitun Das, Vamsi K Balla, Devika D, Dwaipayan Sen, Geetha Manivasagam, Surface engineering of LENS-Ti-6Al-4V to obtain nano- and micro-surface topography for orthopedic application, Nanomedicine: Nanotechnology, Biology and Medicine, 18 (2019) 157-168 **(IF: 6.500)**
26. Revathi A, Mitun Das, Vamsi K Balla, Dwaipayen Sen, Geetha Manivasagam, Surface properties and cytocompatibility of Ti-6Al-4V fabricated using Laser engineered net shaping, Material Science and Engineering: C 100 (2019) 104-116 **(IF: 5.080)**
27. Anindya Pal, PurnenduNasker, Sudeep Paul, Amit Roy Chowdhury, Arijit Sinha, **Mitun Das***, Strontium doped hydroxyapatite from Mercenaria clam shells:

Synthesis, mechanical and bioactivity study, Journal of the Mechanical Behavior of Biomedical Materials 90 (2019) 328–336 **(IF: 3.239)**

28. KR Rakesh, Srikanth Bontha, M R Ramesh, Shashi Arya, Anuradha Jana, Mitun Das, Vamsi K. Balla, A. Srinivasan, T RAM PRABHU, Effect of Zinc and Rare Earth Element Addition on Mechanical, Corrosion and Biological Properties of Magnesium, Journal of Materials Research 33(20) (2018) 3466-3478 **(IF: 1.495)**
29. Purnendu Nasker, Mayuri Mukherjee, Shashi Kant, Sucheta Tripathi, Arijit Sinha, **Mitun Das***, Fluorine substituted nano hydroxyapatite: synthesis, bioactivity and antibacterial response study, Ceramics International 44 (2018) 22008–22013 **(IF: 3.057)**
30. Srikanth Bontha, Ramesh M R, Shashi Bhushan Arya, Mitun Das, Vamsi Krishna Balla, Srinivasan A, Laser surface modification of Mg-Zn-Gd alloy: microstructural, wettability and in vitro degradation aspects, Materials Research Express 5 (12) (2018) **(IF: 1.151)**
31. Nilormi Biswas, AniruddhaSamanta, Soumik Podder, Chandan K Ghosh, Jiten Ghosh, **Mitun Das**, Awadesh K Mallik, Anoop Mukhopadhyay, Phase pure, high hardness, biocompatible calcium silicates with excellent anti-bacterial and biofilm inhibition efficacies for endodontic and orthopaedic applications, Journal of the Mechanical Behavior of Biomedical Materials, 86 (2018) 264-283 **(IF: 3.239)**
32. Ipsita Som, Vamsi Balla, **Mitun Das**, Dipankar Sukul, Thermally oxidized electron beam melted γ-TiAl: in vitro wear, corrosion and biocompatibility properties Journal of Materials Research 33 (2018) 2096-2105 **(IF: 1.495)**
33. SouvikSahoo, Arijit Sinha, Vamsi Krishna Balla, **Mitun Das***, Synthesis, characterization and bioactivity of $SrTiO_3$ incorporated titanium coating, Journal of Materials Research 33 (2018) 2087-2095 **(IF: 1.495)**
34. Bhaskar Manne, Harish Thiruvayapati, Srikanth Bontha, Ramesh M R, **Mitun Das**, Vamsi Krishna Balla, Surface design of Mg-Zn alloy temporary orthopaedic implants: tailoring wettability and biodegradability using laser surface melting, Surface and Coatings Technology 347 (2018) 337-349 **(IF: 2.906)**
35. Susmit Datta, **Mitun Das**, Vamsi Krishna Balla, Subhadip Bodhak, V.K. Murugesan, Mechanical, wear, corrosion and biological properties of arc deposited Titanium nitride coatings, Surface and Coatings Technology 344 (2018) 214-222 **(IF: 2.906)**
36. Jithin J. Marattukalam, **Mitun Das**, Vamsi Balla, Srikanth Bontha, Sreeram K. Kalpathy, Effect of heat treatment on microstructure, corrosion, and shape memory characteristics of laser deposited NiTi alloy, Journal of Alloys and Compounds 744 (2018) 337-346 **(IF: 3.779)**
37. Nimu Reger, V. K. Balla, **Mitun Das**, Anil Bhargava, Wear and corrosion properties of in-situ grown Zirconium nitride layers for implant applications, Surface and Coating Technology334 (2018) 357-364 **(IF: 2.906)**
38. Vaibhav Chalisgaonkar, **Mitun Das**, Vamsi Krishna Balla, Laser processing of bioactive hydroxyapatite and bioglass reinforced Ti6Al4V alloy composite coatings on titanium, Additive manufacturing 20 (2018) 134-143 **(IF: 7.173)**
39. Vamsi Krishna Balla, **Mitun Das**, Advances in wear and tribocorrosion testing of artificial implants and materials - A review, Trends in Biomaterials & Artificial Organs 31 (4) (2017) 150-163
40. A. Anand, **Mitun Das**, B. Kundu, V. K. Balla, S. Bodhak, S. Gangadharan, Plasma sprayed Ti6Al4V alloy composite coatings reinforced with in situ formed TiB-TiN, Journal of Thermal Spray Technology 26 (2017) 2013-2019 **(IF:1.949)**

41. **Mitun Das***, Kevin Bhimani, Vamsi Krishna Balla, *In vitro* tribological and biocompatibility evaluation of sintered silicon nitride, Materials Letters 212 (2018) 130-133 **(IF: 2.572)**
42. Aniruddha Samanta, Manjima Bhattacharya, Itishree Ratha, Himel Chakraborty, Jiten Ghosh, Sandip Bysakh, Monjoy Sreemany, Ramkrishna Rane, Alphonsa Joseph, Subroto Mukherjee, Biswanath Kundu, **Mitun Das**, Anoop Mukhopadhyay, Nano and micro tribological behaviours of plasma nitrided Ti6Al4V alloys, Journal of the Mechanical Behavior of Biomedical Materials 77 (2018) 267-294 **(IF: 3.239)**
43. Vamsi Krishna Balla, SangeethaDey, Adiyen A. Muthuchamy, G.D. Janakiram, **Mitun Das**, Amit Bandyopadhyay, Laser Surface Modification of 316L Stainless Steel, Journal of Biomedical Materials Research: Part B - Applied Biomaterials 106 (2018) 569-577**(IF: 3.373)**
44. S. Paul, A. Pal, A. Roy Choudhury, S. Bodhak, V. K. Balla, A. Sinha, **Mitun Das***, Effect of trace elements on the sintering effect of fish scale derived hydroxyapatite and its bioactivity, Ceramics International 43(17) (2017) 15678-15684**(IF: 3.057)**
45. A. Mohammad, A. M. Al-Ahmari, V. K. Balla, **Mitun Das**, S. Datta, D. Yadav, G.D. Janaki Ram, *In vitro* wear, corrosion and biocompatibility of electron beam melted γ-TiAl, Materials and Design, 133(5) (2017)186-194**(IF: 4.525)**
46. A. Pal, S. Paul, A. Roy Choudhury, V. K.Balla, **Mitun Das***, Arijit Sinha, Synthesis of hydroxyapatite from Latescalcarifer fish bone for biomedical applications, Materials letters 203 (2017) 89-92**(IF: 2.572)**
47. Susmit Datta, **Mitun Das**, Vamsi Krishna Balla, Two-step electrochemical pretreatment and electrodeposition of silver on stainless steel, Journal of The Electrochemical Society, 162 (7) (2017) D463-D468 **(IF: 3.662)**
48. Anindya Pal, ShubhadeepMaity, SumitChabri, SupriyaBera, Amit Roy Chowdhury, **Mitun Das***, Arijit Sinha, Mechanochemical synthesis of nanocrystalline hydroxyapatite from *Mercenaria*clam shells and phosphoric acid, Biomedical Physics and Engineering Express 3 (2017) 015010 **(IF: 1.10)**
49. AniruddhaSamanta, Himel Chakraborty, Manjima Bhattacharya, Jiten Ghosh, MonjoySreemany, Sandip Bysakh, Ramkrishna Rane, Alphonsa Joseph, Ghanshyam Jhala, Subroto Mukherjee, **Mitun Das**, Anoop Mukhopadhyay, Nanotribological response of a plasma nitrided bio-steel, Journal of Mechanical Behavior of Biomedical Materials 65 (2017) 584-599**(IF: 3.239)**
50. Revathi. A, Magesh. S, Vamsi Krishna Balla, **Mitun Das**, Geetha Manivasagam, Current Advances in Enhancement of Wear and Corrosion Resistance of Titanium Alloys- A Review, Materials Technology: Advanced Performance Materials 31 (12) (2016) 696-704.
51. Shivam Agarwal, Soumya Sarkar, **Mitun Das**, Amit Rai Dixit, Tribo-mechanical characterization of spark plasma sintered chopped carbon fibre reinforced silicon carbide composites, Ceramic International 42 (2016) 18283-18288**(IF: 3.057)**
52. V. K. Balla, **Mitun Das**, Ashfaq Mohammad, Abdulrahman M. Al-Ahmari, Additive manufacturing of γ-TiAl: Processing, Microstructure, and Properties, Advanced Engineered Materials18 (2016) 1208-1215**(IF: 2.319)**
53. Snigdha Roy, **Mitun Das***, Awadesh Kumar Mallik, Vamsi Krishna Balla, Laser melting of titanium-diamond composites: microstructure and mechanical behaviour study, Materials Letters 178 (2016) 284–287**(IF: 2.452)**
54. Anuradha Jana, Nandadulal Dandapat, **Mitun Das**, Vamsi Krishna Balla, Shirshendu Chakraborty, Rajnarayan Saha, Awadesh Kumar Mallik, Severe wear behaviour of alumina balls sliding against diamond ceramic coatings, Bulletin of Materials Science 39(2) (2016) 573-586**(IF: 0.925)**

55. Sandipan Roy, NiloyKhutia, Debdulal Das, **Mitun Das***, Vamsi Krishna Balla, Amit Bandyopadhyay, Amit Roy Chowdhury, Understanding compressive deformation behavior of porous Ti using Finite Element Analysis, Materials Science and Engineering: C 64 (2016) 436-443**(IF: 5.080)**
56. **Mitun Das**, V. K. Balla, T. S. Sampathkumar, I. Manna, Tribological, electrochemical and *in vitro* biocompatibility study of SiC reinforced composite coatings, Materials & Design95 (2016) 510-517**(IF: 4.525)**
57. J. J. Marattukalam, A. K. Singh, S. Datta, **Mitun Das**, V. K. Balla, S. Bontha, S. K. Kalpathy, Microstructure and corrosion behavior of laser processed NiTi alloy, Materials Science and Engineering C 57 (2015) 309-313**(IF: 5.080)**
58. K. M.Mantrala, **Mitun Das**, V. K.Balla, Srinivasa Rao Ch.,Kesava Rao V.V.S., Additive manufacturing of Co-Cr-Mo alloy: Influence of heat treatment on microstructure, tribological and electrochemical properties, Frontiers in Mechanical Engineering, Volume 1, Article 2, March 2015
59. K. M.Mantrala, **Mitun Das**, Vamsi Krishna Balla, Srinivasa Rao Ch., Kesava Rao V.V.S., Laser deposited CoCrMo alloy: microstructure, wear and electrochemical properties Journal of Materials Research 29 (17) (2014) 2021-2027
60. S. Dey, **Mitun Das***, V. K. Balla,Effect of hydroxyapatite particle size, morphology and crystallinity on proliferation of colon cancer HCT116 cells, Materials Science and Engineering: C 39 (2014) 336 – 339 **(IF: 5.080)**
61. **Mitun Das**, K. Bhattacharya, S. A. Dittrick, C. Mandal, V. K. Balla, T. S. SampathKumar, A. Bandyopadhyay, I. Manna, *In situ* synthesized TiB-TiN reinforced Ti6Al4V alloy composite coatings: Microstructure, Tribological and *In-vitro* Biocompatibility, Journal of Mechanical Behavior of Biomedical Materials 29 (2014) 259 – 271 **(IF: 3.239)**
62. V. K. Balla, **Mitun Das**, S. Bose, G.D. Janaki Ram, I. Manna, Laser surface modification of 316L stainless steel with bioactive hydroxyapatite, Materials Science and Engineering: C 33 (2013) 4594–4598 **(IF: 5.080)**
63. **Mitun Das**, V. K. Balla, T. S. Sampath Kumar, I. Manna, Fabrication of Biomedical Implants using Laser Engineered Net Shaping (LENS^{TM}), Transactions of The Indian Ceramic Society 72 (3) (2013) 169-174 **(IF: 0.761)**
64. **Mitun Das***, S. Ghatak, Synthesis of Boron Nitride from Boron Containing Poly(vinyl alcohol) as a Ceramic Precursor, Bulletin of Materials Science35 (1) (2012) 109-112**(IF: 0.870)**
65. **Mitun Das*,** V. K. Balla, D. Basu**,** I. Manna, T. S. Sampath Kumar, Amit Bandyopadhyay, Laser processing of in situ synthesized TiB-TiN reinforced Ti6Al4V alloy coatings, Scripta Materialia66 (2012) 578–581 **(IF: 3.982)**
66. G. Paul, **Mitun Das**, S. Ghatak, S. Sarkar, Nagahanumaiah, S. Mitra, Investigation on the effect of spark gap in dry μ-electro discharge machining of SiC-10BN nano-composite, Int. J. Manufacturing Technology and Management 24 (2011) 71 - 87
67. G. Paul, **Mitun Das**, S. Ghatak, S. Sarkar, S. Mitra, An investigation on Electro discharge micro-drilling of SiC-20% BN composite, International Journal of Materials and Structural Integrity, 5 (4) (2011) 348 – 361
68. **Mitun Das**, S. Bysakh, D. Basu, T.S. Sampath Kumar, V. K. Balla, S. Bose, A. Bandyopadhyay, Microstructure, mechanical and wear properties of laser processed SiC particle reinforced coatings on titanium, Surface & Coatings Technology 205 (2011) 4366–4373 **(IF: 2.906)**
69. **Mitun Das***, J. Ghosh, A. K. Basu, Effect of activation on boron nitride coating on carbon fiber, Ceramics International 36 (2010) 2511–2514**(IF: 3.057)**

70. **Mitun Das,** V. K. Balla, D. Basu, S. Bose, A. Bandyopadhyay, Laser processing of SiC particle reinforced coating on titanium, ScriptaMaterialia63 (2010) 438–441 **(IF: 3.982)**
71. Mitun Das*, A. K. Basu, S. Ghatak, Amish G. Joshi, Carbothermal synthesis of boron nitride coating on PAN carbon fiber, Journal of the European Ceramic Society 29 (2009) 2129 – 2134 **(IF: 3.536)**
72. J. Ghosh, S. Mazumdar, **Mitun Das**, S. Ghatak, A. K. Basu,Microstructural characterization of amorphous and nanocrystalline Boron Nitride prepared by high energy ball milling, Materials Research Bulletin 43 (2008) 1023–1031 **(IF: 2.527)**

Patent

1. **Mitun Das**, A. K. Basu, S. Ghatak, **Patent in India:**An improved process of making boron nitride coated carbon fiber (**Granted Application, Patent Number : 270978**)

Book Chapter

1. V.K. Balla, **Mitun Das**, S. Datta, B. Kundu, Articulating biomaterials: Surface engineering, tribology and biocompatibility, in: R. Tyagi and J. Paulo Davim (Ed.) Processing Techniques and Tribological Behavior of Composite Materials, IGI Global, Hershey, USA, 2015, pp. 218 - 267.
2. **Mitun Das, Vamsi Krishna Balla, Chapter 11: Additive Manufacturing and Innovation in Materials World, in Additive Manufacturing, 295-330 (2015) Eds. Amit Bandyopadhyay, Susmita Bose, CRC Press, Taylor & Francis Group, Boca Raton, FL, USA. (ISBN: 9781482223590)** Online Access
3. Vasanth Gopal, Magesh Sankar, **Mitun Das**, Saralasrita Mohanty, Subrahmanyam, Geetha Manivasagam, Bioceramics – Synthesis and Processing Techniques, in Murugan Ramalingam (Ed.) Bioceramics: principles and applications, Wiley **(submitted)**
4. **Mitun Das, Vamsi Krishna Balla, Chapter 12: *Additive Manufacturing in Materials Innovation*, Second Edition (2020) 377-420, Eds. Amit Bandyopadhyay, Susmita Bose, CRC Press, Taylor & Francis Group.** Online Access
5. **Vamsi Krishna Balla, SubhadipBodhak, Pradyot Datta, Biswanath Kundu, Mitun Das, Amit Bandyopadhyay, Susmita Bose, Biointegration of 3D Printed Biomaterials and Biomedical Devices, In Biointegration of medical implant materials (2nd edition), Ed: Chandra P Sharma, Elsevier UK, Chapter 16, (2020) 433-482.Online Access**
6. 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, 2021.