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|  | **Technology** | **Explanation** | **Examples** | **Key references** |
| 1 | Biohacking | D.I.Y., citizen-science, biological investigations and interventions | General healthcare examples (Zettler et al., 2019) | An introduction (Yetisen, 2018) |
| 2 | Digital Twin | “*a digital representation of a physical item or assembly using integrated simulations and service data*” (Vrabič et al., 2018) | General healthcare example (Angulo et al., 2019) | The technology, its applications, and the challenges (Fuller et al., 2019) |
| 3 | Omics | High-dimensional and high-throughput analytics. | Deep-learning example (Chaudhary et al., 2018); Attempt to combine large datasets (Karczewski & Snyder, 2018) | Technical review of methods (Bersanelli et al., 2016); Challenges (Cambiaghi et al., 2017; Gomez-Cabrero et al., 2014); Problems (Lay et al., 2006) |
| 4 | Conversational A.I. | “*systems that mimic human conversation using text or spoken language*” (Laranjo et al., 2018) | Apple’s Siri; Google Now; Microsoft Cortana; Amazon Alexa prize (Ram et al., 2018); Geriatrics (Fadhil, 2018b); Medication adherence (Fadhil, 2018a) | Perspectives on evaluation (Jadeja & Varia, 2017); A technical review (Gao et al., 2019); Review of applications in healthcare (Laranjo et al., 2018) |
| 5 | Commercial telemedicine | Remote provision of medical advice by commercial providers | Amazon.care; Apple’s AC Wellness; Diabetes (Garg & Parkin, 2019); Teledoc (Uscher-Pines et al., 2016) | General resource (Darkins & Cary, 2000) |