Record Nr. UNINA9910410054103321 Image Analysis and Recognition: 17th International Conference, ICIAR **Titolo** 2020, Póvoa de Varzim, Portugal, June 24–26, 2020, Proceedings, Part I // edited by Aurélio Campilho, Fakhri Karray, Zhou Wang Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2020 **ISBN** 3-030-50347-X Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (xx, 435 pages): illustrations Collana Image Processing, Computer Vision, Pattern Recognition, and Graphics; : 12131 006.37 Disciplina 006.6 Soggetti Optical data processing Computers Computer security Architecture, Computer Special purpose computers Computer communication systems Image Processing and Computer Vision Information Systems and Communication Service Systems and Data Security Computer System Implementation Special Purpose and Application-Based Systems Computer Communication Networks Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Image Processing and Analysis -- Video Analysis -- Computer Vision Nota di contenuto -- 3D Computer Vision. Sommario/riassunto This two-volume set LNCS 12131 and LNCS 12132 constitutes the refereed proceedings of the 17th International Conference on Image Analysis and Recognition, ICIAR 2020, held in Póvoa de Varzim, Portugal, in June 2020. The 54 full papers presented together with 15 short papers were carefully reviewed and selected from 123

submissions. The papers are organized in the following topical sections: image processing and analysis; video analysis; computer vision; 3D computer vision; machine learning; medical image and analysis; analysis of histopathology images; diagnosis and screening of ophthalmic diseases; and grand challenge on automatic lung cancer patient management. Due to the corona pandemic, ICIAR 2020 was held virtually only.