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Journal of Thoracic Oncology, Vol. 12, Issue 3, p467–476
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- Radiomics of lung cancer Cited in Scopus: 0

Matthew Schabath, Yoganand Balagurunathan, Goldgor Dmitry, Hall Lawrence, Hawkins Samuel, Olya Stringfield, Qian Li, Ying Liu, and others
Journal of Thoracic Oncology, Vol. 11, Issue 2, S5–S6
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Malignant cancers are characterized by microenvironmental heterogeneity, which is a leading cause of genomic heterogeneity. Microenvironmental heterogeneity can be viewed radiographically, wherein non-uniform patterns of enhancement or attenuation can be associated with poor outcome. In order to systematically investigate this, the process of “Radiomics” extracts quantitative first, second and higher order image feature data that can be statistically mined along with patient data for diagnostic, predictive and prognostic, models.

- Imaging Phenotyping Using Radiomics to Predict Micropapillary Pattern within Lung Adenocarcinoma Cited in Scopus: 0

So Hee Song, Hyunjin Park, Geewon Lee, Ho Yun Lee, Insuk Sohn, Hye Seung Kim, Seung Hak Lee, Ji Yun Jeong, and others
Journal of Thoracic Oncology, Vol. 12, Issue 4, p624–632
Published online: December 3, 2016
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- Predicting Malignant Nodules from Screening CT Scans Cited in Scopus: 4

Samuel Hawkins, Hua Wang, Ying Liu, Alberto Garcia, Olya Stringfield, Henry Krewer, Qian Li, Dmitry Cherezov, and others
Journal of Thoracic Oncology, Vol. 11, Issue 12, p2120–2128
Published online: July 12, 2016
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- P1.01-041 Quantitative Imaging Features Predict Response of Immunotherapy in Non-Small Cell Lung Cancer Patients: Topic: Prognostic Factors, Treatment Cited in Scopus: 0

Ilke Tunali, Jhanelle Gray, Jin Qi, Mahmoud Abdullah, Yoganand Balagurunathan, Robert Gillies, Matthew Schabath
Journal of Thoracic Oncology, Vol. 12, Issue 1, S474–S475
Published in issue: January 2017

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- Predicting Malignant Nodules from Screening CTs Cited in Scopus: 0
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Dmitry Cherezov, Samuel Hawkins, Dmitry Goldgof, Lawrence Hall, Yoganand Balagurunathan, Robert Gillies, Matthew Schabath
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Rosario Mazzola, Alba Fiorentino, Giocchino Di Paola, Niccolò Giaj Levra, Francesco Ricchetti, Sergio Fersino, Umberto Tebano, Stefano Pasetto, and others
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