# Matthew A Barish

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5994890/publications.pdf

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|---|---|---|---|
| 66 papers | 3,731 citations | 236612 25 h-index | 168136 53 g-index |
| 68 all docs | 68 docs citations | 68 times ranked | 2265 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 3D Virtual Pancreatography. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 1457-1468. | 2.9 | 4 |
| 2 | CT colonographyâ€™s role in the COVID-19 pandemic: a safe(r), socially distanced total colon examination. Abdominal Radiology, 2021, 46, 486-490. | 1.0 | 13 |
| 3 | Abdominal pelvic CT findings compared between COVID-19 positive and COVID-19 negative patients in the emergency department setting. Abdominal Radiology, 2021, 46, 1498-1505. | 1.0 | 11 |
| 4 | External validation demonstrates limited clinical utility of the interpretable mortality prediction model for patients with COVID-19. Nature Machine Intelligence, 2021, 3, 25-27. | 8.3 | 45 |
| 5 | Validation of the IMPROVEâ€DD risk assessment model for venous thromboembolism among hospitalized patients with COVIDâ€19. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 296-300. | 1.0 | 34 |
| 6 | Incidence of Venous Thromboembolism and Mortality in Patients with Initial Presentation of COVID-19. Journal of Thrombosis and Thrombolysis, 2021, 51, 897-901. | 1.0 | 39 |
| 7 | Sex-Based Differences in COVID-19 Outcomes. Journal of Women's Health, 2021, 30, 492-501. | 1.5 | 17 |
| 8 | Risk factors and outcomes for acute-on-chronic liver failure in COVID-19: a large multi-center observational cohort study. Hepatology International, 2021, 15, 766-779. | 1.9 | 10 |
| 9 | Postdischarge thromboembolic outcomes and mortality of hospitalized patients with COVID-19: the CORE-19 registry. Blood, 2021, 137, 2838-2847. | 0.6 | 133 |
| 10 | External validation of the IMPROVE-DD risk assessment model for venous thromboembolism among inpatients with COVID-19. Journal of Thrombosis and Thrombolysis, 2021, 52, 1032-1035. | 1.0 | 21 |
| 11 | CT pulmonary angiography in pregnancy: Specific conversion factors to estimate effective radiation dose from dose length product: A retrospective cross-sectional study across a multi-hospital integrated healthcare network. European Journal of Radiology, 2021, 143, 109908. | 1.2 | 2 |
| 12 | 3D-GLCM CNN: A 3-Dimensional Gray-Level Co-Occurrence Matrix-Based CNN Model for Polyp Classification via CT Colonography. IEEE Transactions on Medical Imaging, 2020, 39, 2013-2024. | 5.4 | 75 |
| 13 | Thromboembolic Outcomes of Hospitalized COVID-19 Patients in the 90-Day Post-Discharge Period: Early Data from the Northwell CORE-19 Registry. Blood, 2020, 136, 33-34. | 0.6 | 5 |
| 14 | Spectral CT Inspired Data Engineering for Colon Polyp Classification. , 2019, , . | | 1 |
| 15 | Multilayer feature selection method for polyp classification via computed tomographic colonography. Journal of Medical Imaging, 2019, 6, 1. | 0.8 | 8 |
| 16 | A statistical analysis of oral tagging in CT colonography and its impact on flat polyp detection and characterization. , 2019, , . | | 0 |
| 17 | Improved polyp classification by inclusion of the surrounding colon wall textures. , 2019, , . | | 0 |
| 18 | A pyramid machine learning model for polyp classification via CT colonography. , 2019, , . | | 1 |

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|---|---|---|---|
| 19 | A local geometrical metric-based model for polyp classification. , 2019, , . | | 5 |
| 20 | Multi-scale characterizations of colon polyps via computed tomographic colonography. Visual Computing for Industry, Biomedicine, and Art, 2019, 2, 25. | 2.2 | 9 |
| 21 | Structured reporting and quality control in CTÂcolonography. Abdominal Radiology, 2018, 43, 566-573. | 1.0 | 4 |
| 22 | A New Look at Gray-level Co-occurrence for Multi-scale Texture Descriptor with Applications to Characterize Colorectal Polyps via Computed Tomographic Colonography. , 2018, , . | | 1 |
| 23 | Crowd-assisted polyp annotation of virtual colonoscopy videos. , 2018, , . | | 4 |
| 24 | <bold>AnaFe</bold>: Visual <bold>Anal</bold>ytics of Image-derived Temporal <bold>Fe</bold>aturesâ€"Focusing on the Spleen. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 171-180. | 2.9 | 3 |
| 25 | A study of oral contrast coating on the surface of polyps: an implication for computer-aided detection and classification of polyps. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 26 | Texture Feature Analysis of Neighboring Colon Wall for Colorectal Polyp Classification. , 2017, , . | | 4 |
| 27 | Crowdsourcing for identification of polyp-free segments in virtual colonoscopy videos. , 2017, , . | | 8 |
| 28 | Texture Feature Extraction and Analysis for Polyp Differentiation via Computed Tomography Colonography. IEEE Transactions on Medical Imaging, 2016, 35, 1522-1531. | 5.4 | 75 |
| 29 | An adaptive paradigm for computer-aided detection of colonic polyps. Physics in Medicine and Biology, 2015, 60, 7207-7228. | 1.6 | 17 |
| 30 | Use and Accuracy of Computed Tomography Scan in Diagnosing Perforated Appendicitis. American Surgeon, 2015, 81, 404-407. | 0.4 | 21 |
| 31 | Inadvertent intravesicular placement of a vaginal contraceptive ring: a case report and review of literature. Journal of Radiology Case Reports, 2014, 8, 22-8. | 0.2 | 5 |
| 32 | Haustral Fold Segmentation With Curvature-Guided Level Set Evolution. IEEE Transactions on Biomedical Engineering, 2013, 60, 321-331. | 2.5 | 28 |
| 33 | Automatic colonic fold segmentation for computed tomography colonography. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 34 | Evaluation of electronic biopsy for clinical diagnosis in virtual colonoscopy. , 2011, , . | | 2 |
| 35 | Projection-based features for reducing false positives in computer-aided detection of colonic polyps in CT colonography. Proceedings of SPIE, 2010, , . | 0.8 | 1 |
| 36 | Increasing computer-aided detection specificity by projection features for CT colonography. Medical Physics, 2010, 37, 1468-1481. | 1.6 | 40 |

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|---|---|---|---|
| 37 | ACR Colon Cancer Committee White Paper: Status of CT Colonography 2009. Journal of the American College of Radiology, 2009, 6, 756-772.e4. | 0.9 | 86 |
| 38 | National and Local Trends in CT Colonography Reimbursement: Past, Present, and Future. Journal of the American College of Radiology, 2007, 4, 776-799. | 0.9 | 21 |
| 39 | Standards for Gastroenterologists for Performing and Interpreting Diagnostic Computed Tomographic Colonography. Gastroenterology, 2007, 133, 1005-1024. | 0.6 | 71 |
| 40 | Unraveling Intestinal Malrotation With 3-Dimensional Computed Tomography. Clinical Gastroenterology and Hepatology, 2006, 4, A29-A29. | 2.4 | 5 |
| 41 | Advanced Image Processing in the Clinical Arena: Issues to Consider. Journal of the American College of Radiology, 2006, 3, 296-298. | 0.9 | 8 |
| 42 | Three-dimensional Fast-Recovery Fast Spin-Echo MRCP: Comparison with Two-dimensional Single-Shot Fast Spin-Echo Techniques. Radiology, 2006, 238, 549-559. | 3.6 | 121 |
| 43 | Consensus on Current Clinical Practice of Virtual Colonoscopy. American Journal of Roentgenology, 2005, 184, 786-792. | 1.0 | 106 |
| 44 | CT Colonography Reporting and Data System: A Consensus Proposal. Radiology, 2005, 236, 3-9. | 3.6 | 574 |
| 45 | Reader Training in CT Colonography: How Much Is Enough?. Radiology, 2005, 237, 26-27. | 3.6 | 41 |
| 46 | State-of-the-Art Computed Tomographic and Magnetic Resonance Imaging of the Gastrointestinal System. Gastrointestinal Endoscopy Clinics of North America, 2005, 15, 581-614. | 0.6 | 11 |
| 47 | Multislice CT Colonography: Current Status and Limitations. Radiologic Clinics of North America, 2005, 43, 1049-1062. | 0.9 | 10 |
| 48 | Amyloidosis: Review and CT Manifestations. Radiographics, 2004, 24, 405-416. | 1.4 | 140 |
| 49 | Virtual Colonoscopy. JAMA - Journal of the American Medical Association, 2004, 292, 431. | 3.8 | 22 |
| 50 | Computerized tomographic colonography: performance evaluation in a retrospective multicenter setting1 1Vital Images Inc. has supported research at UCLA (to D. S. K. L., J. A. B., and E. G. M.). Monex provided support (to M. M.). GE Medical Systems provided software license and research support (to C.) Tj ETQq0 0 0 rgBT /Overlock 10 (to M. A. B.).The study design was approved by the National Cancer Institute Cancer Therapy Evaluati. Gastroenterology, 2003, 125, 688-695. | 0.6 | 107 |
| 51 | Multislice CT colonography: current status and limitations. European Journal of Radiology, 2003, 47, 123-134. | 1.2 | 14 |
| 52 | Virtual colonoscopy: a new tool for colorectal cancer screening. Current Opinion in Gastroenterology, 2001, 17, 78-85. | 1.0 | 4 |
| 53 | Predictors of Prostate Carcinoma: Accuracy of Gray-Scale and Color Doppler US and Serum Markers. Radiology, 2001, 220, 757-764. | 3.6 | 116 |
| 54 | MR CHOLANGIOGRAPHY. Magnetic Resonance Imaging Clinics of North America, 2001, 9, 841-855. | 0.6 | 8 |

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|---|---|---|---|
| 55 | Detection of Choledocholithiasis with MR Cholangiography: Comparison of Three-dimensional Fast Spin-Echo and Single- and Multisection Half-Fourier Rapid Acquisition with Relaxation Enhancement Sequences. Radiology, 2000, 215, 737-745. | 3.6 | 115 |
| 56 | Magnetic Resonance Cholangiopancreatography. New England Journal of Medicine, 1999, 341, 258-264. | 13.9 | 221 |
| 57 | A Comparison of Virtual and Conventional Colonoscopy for the Detection of Colorectal Polyps. New England Journal of Medicine, 1999, 341, 1496-1503. | 13.9 | 709 |
| 58 | Acute flank pain: A modern approach to diagnosis and management. Seminars in Ultrasound, CT and MRI, 1999, 20, 108-135. | 0.7 | 43 |
| 59 | MR cholangiopancreatography techniques. Seminars in Ultrasound, CT and MRI, 1999, 20, 281-293. | 0.7 | 2 |
| 60 | MR hydrography: theory and practice of static fluid imaging.. American Journal of Roentgenology, 1998, 170, 873-882. | 1.0 | 64 |
| 61 | Magnetic resonance imaging of the bile ducts. Seminars in Roentgenology, 1997, 32, 188-201. | 0.2 | 15 |
| 62 | Magnetic Resonance Cholangiopancreatography of the Biliary Ducts. Topics in Magnetic Resonance Imaging, 1996, 8, 302???311. | 0.7 | 20 |
| 63 | MR cholangiopancreatography after unsuccessful or incomplete ERCP.. Radiology, 1996, 199, 91-98. | 3.6 | 142 |
| 64 | Pancreatic duct: MR cholangiopancreatography with a three-dimensional fast spin-echo technique.. Radiology, 1995, 196, 459-464. | 3.6 | 225 |
| 65 | MR cholangiopancreatography: findings on 3D fast spin-echo imaging.. American Journal of Roentgenology, 1995, 165, 1397-1401. | 1.0 | 64 |
| 66 | Magnetic resonance cholangiopancreatography. , 0, , 23-32. | | 0 |