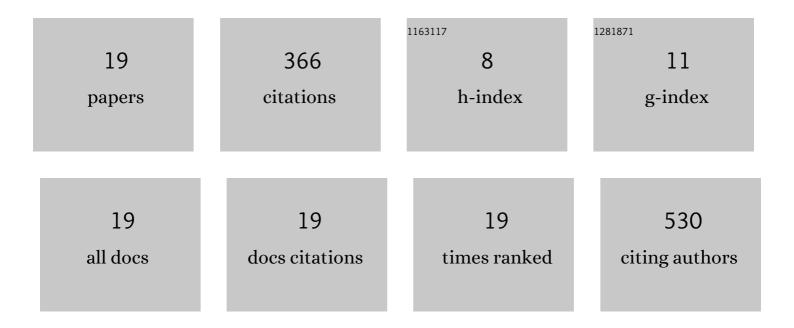
Matthew T Mckenna

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1705/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Mathematical models of tumor cell proliferation: A review of the literature. Expert Review of Anticancer Therapy, 2018, 18, 1271-1286. | 2.4 | 91 |
| 2 | Distributed Human Intelligence for Colonic Polyp Classification in Computer-aided Detection for CT Colonography. Radiology, 2012, 262, 824-833. | 7.3 | 73 |
| 3 | A Predictive Mathematical Modeling Approach for the Study of Doxorubicin Treatment in Triple Negative Breast Cancer. Scientific Reports, 2017, 7, 5725. | 3.3 | 37 |
| 4 | Experimentally-driven mathematical modeling to improve combination targeted and cytotoxic therapy for HER2+ breast cancer. Scientific Reports, 2019, 9, 12830. | 3.3 | 34 |
| 5 | Strategies for improved interpretation of computer-aided detections for CT colonography utilizing distributed human intelligence. Medical Image Analysis, 2012, 16, 1280-1292. | 11.6 | 33 |
| 6 | Precision Medicine with Imprecise Therapy: Computational Modeling for Chemotherapy in Breast Cancer. Translational Oncology, 2018, 11, 732-742. | 3.7 | 32 |
| 7 | Mechanism-Based Modeling of Tumor Growth and Treatment Response Constrained by Multiparametric Imaging Data. JCO Clinical Cancer Informatics, 2019, 3, 1-10. | 2.1 | 23 |
| 8 | Seeing Is Believing: Video Classification for Computed Tomographic Colonography Using Multiple-Instance Learning. IEEE Transactions on Medical Imaging, 2012, 31, 1141-1153. | 8.9 | 13 |
| 9 | Fusion of machine intelligence and human intelligence for colonic polyp detection in CT colonography. , 2011, , . | | 12 |
| 10 | Leveraging Mathematical Modeling to Quantify Pharmacokinetic and Pharmacodynamic Pathways: Equivalent Dose Metric. Frontiers in Physiology, 2019, 10, 616. | 2.8 | 7 |
| 11 | Variable Cell Line Pharmacokinetics Contribute to Non-Linear Treatment Response in Heterogeneous Cell Populations. Annals of Biomedical Engineering, 2018, 46, 899-911. | 2.5 | 5 |
| 12 | Validation and estimation of spleen volume via computer-assisted segmentation on clinically acquired CT scans. Journal of Medical Imaging, 2021, 8, 014004. | 1.5 | 4 |
| 13 | ROC-like optimization by sample ranking: Application to CT colonography. , 2012, , . | | 1 |
| 14 | Quantitative imaging to guide mechanism-based modeling of cancer. , 2019, , 369-385. | | 1 |
| 15 | Computer vision approach to detect colonic polyps in computed tomographic colonography. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 16 | Visual Phrase Learning and Its Application in Computed Tomographic Colonography. Lecture Notes in Computer Science, 2013, 16, 243-250. | 1.3 | 0 |
| 17 | Abstract 776: Multiscale treatment response model for triple-negative breast cancer linking drug pharmacokinetics to tumor cell population dynamics. , 2016, , . | | 0 |
| 18 | Abstract A14: Predicting the response of triple negative breast cancer to doxorubicin. , 2017, , . | | 0 |

Abstract A14: Predicting the response of triple negative breast cancer to doxorubicin. , 2017, , . 18

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| # | Article | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Abstract A22: A window into 3D culture: A multi-modal imaging compatible bioreactor for developing tumor growth models. , 2017, , . | | 0 |