Mathematical Modeling of Tumor Response to Radiatio With BOLD, TOLD, ΔR1 and ΔR2* Investigated in Large Tumors

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Citation Report

#	Article	IF	Citations
1	Advanced Imaging Techniques in the Therapeutic Response of Transarterial Chemoembolization for Hepatocellular Carcinoma. World Journal of Gastroenterology, 2016, 22, 4835-4847.	5.9	26
2	Comparison Between Model-Predicted Tumor Oxygenation Dynamics and Vascular-/Flow-Related Doppler Indices. Medical Physics, 2017, 44, 2011-2019.	3.6	2
3	Model-Supported Radiotherapy Personalization: In Silico Test of Hyper- and Hypo-Fractionation Effects. Frontiers in Physiology, 2018, 9, 365249.	4.5	4
4	Opportunities for Improving Brain Cancer Treatment Outcomes Through Imaging-Based Mathematical Modeling of the Delivery of Radiotherapy and Immunotherapy. Advanced Drug Delivery Reviews, 2022, 187, 114367.	20.7	41
5	Predicting the Tumour Response to Radiation by Modelling the Five Rs of Radiotherapy Using PET Images. Journal of Imaging, 2023, 9, 124.	5.4	5
6	Magnetic Resonance Imaging Techniques for Post-Treatment Evaluation After External Beam Radiation Therapy of Prostate Cancer: Narrative Review. Clinics and Practice, 2025, 15, 4.	3.4	4
7	Simulation des processus radiobiologiques basés sur l'imagerie pour l'évaluation de schémas thérapeutiques individualisés en radiothérapie. , 0, .		0
8	Predicting Head and Neck Cancer Response to Radiotherapy Using Mathematical Modeling of MRI-Based Habitats. Npj Precision Oncology, 2026, 10, 276.	10.5	2