

# Rob M C Mestrom

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3339813/publications.pdf>

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16  
papers

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1936888

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docs citations

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94  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Approximate Electromagnetic Model for Optimizing Wireless Charging of Biomedical Implants. IEEE Transactions on Biomedical Engineering, 2022, 69, 1954-1963.	2.5	3
2	Simultaneous ThermoBrachytherapy: Electromagnetic Simulation Methods for Fast and Accurate Adaptive Treatment Planning. Sensors, 2022, 22, 1328.	2.1	4
3	A Novel Framework for the Optimization of Simultaneous ThermoBrachyTherapy. Cancers, 2022, 14, 1425.	1.7	5
4	Sub-Milliwatt Transceiver IC for Transcutaneous Communication of an Intracortical Visual Prosthesis. Electronics (Switzerland), 2022, 11, 24.	1.8	0
5	Personalized tDCS for Focal Epilepsy—A Narrative Review: A Data-Driven Workflow Based on Imaging and EEG Data. Brain Sciences, 2022, 12, 610.	1.1	4
6	Low-Power Wireless Data Transfer System for Stimulation in an Intracortical Visual Prosthesis. Sensors, 2021, 21, 735.	2.1	4
7	Analyzing Developing Brain-On-Chip Cultures with the CALIMA Calcium Imaging Tool. Micromachines, 2021, 12, 412.	1.4	2
8	Design of the novel ThermoBrachy applicators enabling simultaneous interstitial hyperthermia and high dose rate brachytherapy. International Journal of Hyperthermia, 2021, 38, 1660-1671.	1.1	2
9	Wireless Power Transfer to a Visual Prosthesis: 100 mW at 6.78 MHz. , 2021, , .		3
10	Electromagnetic Field Modeling for Wireless Power Transfer in Biological Tissue. , 2020, , .		1
11	DIY Electromagnetic Phantoms for Biomedical Wireless Power Transfer Experiments. , 2019, , .		8
12	Low-Power BPSK Inductive Data Link for an Implanted Intracortical Visual Prosthesis. , 2019, 2019, 1-5.		4
13	An MR-compatible antenna and application in a murine superficial hyperthermia applicator. International Journal of Hyperthermia, 2018, 34, 697-703.	1.1	7
14	Modeling the common mode impedance of motor drive systems using the antenna wire concept. , 2015, , .		1
15	The role of random wave impedance in electric field estimations inside reverberation chambers. , 2014, , .		0
16	Phase Feedback for Nonlinear MEM Resonators in Oscillator Circuits. IEEE/ASME Transactions on Mechatronics, 2009, 14, 423-433.	3.7	31