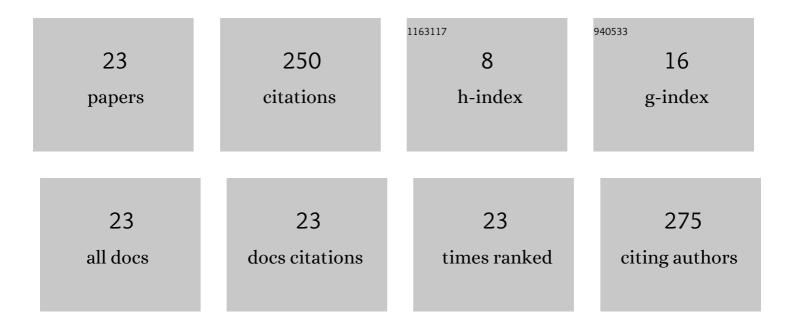
Richard R A Syms

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Three-frequency parametric amplification in magneto-inductive ring resonators. Metamaterials, 2008, 2, 122-134.	2.2	49
2	Flexible magnetoinductive ring MRI detector: Design for invariant nearest-neighbour coupling. Metamaterials, 2010, 4, 1-14.	2.2	32
3	Advances in microfabricated mass spectrometers. Analytical and Bioanalytical Chemistry, 2009, 393, 427-429.	3.7	30
4	Higher order interactions in magneto-inductive waveguides. Metamaterials, 2007, 1, 44-51.	2.2	28
5	Post processing of microstructures by PDMS spray deposition. Sensors and Actuators A: Physical, 2009, 155, 253-262.	4.1	28
6	Magneto-Inductive Catheter Receiver for Magnetic Resonance Imaging. IEEE Transactions on Biomedical Engineering, 2013, 60, 2421-2431.	4.2	18
7	Thin-Film Detector System for Internal Magnetic Resonance Imaging. Sensors and Actuators A: Physical, 2010, 163, 15-24.	4.1	9
8	Near-field image transfer by magneto-inductive arrays: A modal perspective. Metamaterials, 2011, 5, 8-25.	2.2	8
9	Improved optical imaging of high aspect ratio nanostructures using dark-field microscopy. Nanotechnology, 2019, 30, 285301.	2.6	6
10	Mechanical Synchronization of MEMS Electrostatically Driven Coupled Beam Filters. Micromachines, 2021, 12, 1191.	2.9	6
11	Magneto-Inductive HF RFID System. IEEE Journal of Radio Frequency Identification, 2021, 5, 148-153.	2.3	4
12	Shock-free ion transmission in a skimmer-based MEMS mass spectrometer vacuum interface. Journal of Micromechanics and Microengineering, 2021, 31, 045010.	2.6	4
13	High-Performance Magnetoinductive Directional Filters. Electronics (Switzerland), 2022, 11, 845.	3.1	4
14	A dynamic competition model of regime change. Journal of the Operational Research Society, 2015, 66, 1939-1947.	3.4	3
15	Supersonic jet interactions with a micro-engineered skimmer. Journal of Micromechanics and Microengineering, 2018, 28, 085017.	2.6	3
16	Optical imaging and image analysis for high aspect ratio NEMS. Journal of Micromechanics and Microengineering, 2019, 29, 015003.	2.6	3
17	<p>In Vitro Intraductal MRI and T2 Mapping of Cholangiocarcinoma Using Catheter Coils</p> . Hepatic Medicine: Evidence and Research, 2020, Volume 12, 107-114.	2.5	3
18	<p>Improving the Detection of Cholangiocarcinoma: In vitro MRI-Based Study Using Local Coils and T2 Mapping</p> . Hepatic Medicine: Evidence and Research, 2020, Volume 12, 29-39.	2.5	3

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#	Article	IF	CITATIONS
19	Power waves and scattering parameters in magneto-inductive systems. AIP Advances, 2021, 11, .	1.3	3
20	HF RFID Tag Location Using Magneto-Inductive Waves. IEEE Journal of Radio Frequency Identification, 2022, 6, 347-354.	2.3	3
21	Magneto-inductive phase-shifters and interferometers. Metamaterials, 2011, 5, 155-161.	2.2	2
22	Surgical wound monitoring by MRI with a metamaterial-based implanted local coil. EPJ Applied Metamaterials, 2018, 5, 5.	1.5	1
23	Buckling Electrothermal NEMS Actuators: Analytic Design for Very Slender Beams. Micro, 2022, 2, 54-67.	2.0	0