

# Aurel-Sorin Lup

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10193987/publications.pdf>

Version: 2024-02-01

19  
papers

27  
citations

3311381

1  
h-index

2917675

2  
g-index

19  
all docs

19  
docs citations

19  
times ranked

18  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of TL-lumped RF macromodels for MEMS switches. , 2015, , .		5
2	Optimization of RF MEMS capacitive switches in static and dynamic regimes based on reduced models. , 2017, , .		4
3	Extraction of effective elastic coefficients from a coupled structural electrostatic simulation of a MEMS switch. , 2014, , .		3
4	Real-time Linux drivers and latency evaluation system for TI OMAP4 mcSPI peripheral. , 2020, , .		3
5	Study of the magnetic field distribution inside very high voltage substations. , 2012, , .		2
6	GDS2M: Preprocessing tool for MEMS devices. , 2013, , .		2
7	Parametrized reduced model of RF MEMS capacitive switch. , 2017, , .		2
8	Simplification by pruning as a model order reduction approach for RF-MEMS switches. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2019, 39, 511-523.	0.9	2
9	Intelligent Particle Swarm Optimization of Superconducting Magnetic Energy Storage devices. , 2014, , .		1
10	Coupled multiphysics-RF reduced models for MEMS. , 2016, , .		1
11	Parametric macromodels for the RF behaviour of capacitive switches. , 2018, , .		1
12	Mixed Domain Macromodels for RF MEMS Capacitive Switches. Mathematics in Industry, 2016, , 31-39.	0.3	1
13	3D numerical simulation of the stirrer effect inside a reverberation chamber. , 2012, , .		0
14	Parametric multiphysics static models for a bridge type MEMS capacitive switch. , 2014, , .		0
15	Compact TL-RLC-TL model extraction from FW field solution for RF MEMS capacitive switch. , 2015, , .		0
16	An object oriented data structure designed for multiphysics simulations on parallel computers. , 2015, , .		0
17	Extraction of lumped structural parameters from multiphysics field simulations for MEMS switches. , 2016, , .		0
18	Physics-aware macromodels for MEMS switches. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2020, 39, 497-509.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Multi-Objective QPSO Algorithms to Solve an Electromagnetic Benchmark Problem. , 2020, , .		0