

# Fabrice Axisa

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,334  
citations

840776

11  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of metal interconnects for stretchable electronic circuits. <i>Microelectronics Reliability</i> , 2008, 48, 825-832.	1.7	358
2	Flexible Technologies and Smart Clothing for Citizen Medicine, Home Healthcare, and Disease Prevention. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2005, 9, 325-336.	3.2	337
3	Design and Fabrication of Elastic Interconnections for Stretchable Electronic Circuits. <i>IEEE Electron Device Letters</i> , 2007, 28, 552-554.	3.9	215
4	Design and Manufacturing of Stretchable High-Frequency Interconnects. <i>IEEE Transactions on Advanced Packaging</i> , 2008, 31, 802-808.	1.6	82
5	The effects of encapsulation on deformation behavior and failure mechanisms of stretchable interconnects. <i>Thin Solid Films</i> , 2011, 519, 2225-2234.	1.8	71
6	Design and performance of metal conductors for stretchable electronic circuits. <i>Circuit World</i> , 2009, 35, 22-29.	0.9	60
7	The effect of pitch on deformation behavior and the stretching-induced failure of a polymer-encapsulated stretchable circuit. <i>Journal of Micromechanics and Microengineering</i> , 2010, 20, 075036.	2.6	54
8	In situ observations on deformation behavior and stretching-induced failure of fine pitch stretchable interconnect. <i>Journal of Materials Research</i> , 2009, 24, 3573-3582.	2.6	48
9	Remote Atmospheric Pressure DC Glow Discharge Treatment for Adhesion Improvement of PDMS. <i>Plasma Processes and Polymers</i> , 2009, 6, S406.	3.0	19
10	Laser based fast prototyping methodology of producing stretchable and conformable electronic systems. , 2008, , .		15
11	Elastic Interconnects for Stretchable Electronic Circuits using MID (Moulded Interconnect Device) Technology. <i>Materials Research Society Symposia Proceedings</i> , 2006, 926, 1.	0.1	12
12	Stretchable and Washable Electronics for Embedding in Textiles. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1271, 1.	0.1	12
13	Fabrication of a biocompatible flexible electroosmosis micropump. <i>Microfluidics and Nanofluidics</i> , 2012, 12, 771-777.	2.2	12
14	Shape-memory anchoring system for bladder sensors. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 96B, 369-375.	3.4	10
15	Improved Stretchable Electronics Technology for Large Area Applications. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1271, 1.	0.1	9
16	Design and performance of metal conductors for stretchable electronic circuits. , 2008, , .		7
17	Design and analysis of a novel fine pitch and highly stretchable interconnect. <i>Microelectronics International</i> , 2010, 27, 33-38.	0.6	7
18	In vitro cytotoxicity testing and the application of elastic interconnection technology for short-term implantable electronics. , 2009, 2009, 4880-3.		2

#	ARTICLE	IF	CITATIONS
19	A Novel Interconnect Design with High Stretchability and Fine Pitch Capability for Applications in Stretchable Electronics. Materials Research Society Symposia Proceedings, 2009, 1192, 27.	0.1	2
20	An IC-centric biocompatible chip encapsulation fabrication process. , 2010, , .		2