

# Fabrice Axisa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12066694/publications.pdf>

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	Fabrication of a biocompatible flexible electroosmosis micropump. <i>Microfluidics and Nanofluidics</i> , 2012, 12, 771-777.	2.2	12
2	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
3	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
4	Improved Stretchable Electronics Technology for Large Area Applications. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1271, 1.	0.1	9
5	An IC-centric biocompatible chip encapsulation fabrication process. , 2010, , .		2
6	Stretchable and Washable Electronics for Embedding in Textiles. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1271, 1.	0.1	12
7	Design and analysis of a novel fine pitch and highly stretchable interconnect. <i>Microelectronics International</i> , 2010, 27, 33-38.	0.6	7
8	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
9	In vitro cytotoxicity testing and the application of elastic interconnection technology for short-term implantable electronics. , 2009, 2009, 4880-3.		2
10	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
11	A Novel Interconnect Design with High Stretchability and Fine Pitch Capability for Applications in Stretchable Electronics. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1192, 27.	0.1	2
12	Remote Atmospheric Pressure DC Glow Discharge Treatment for Adhesion Improvement of PDMS. <i>Plasma Processes and Polymers</i> , 2009, 6, S406.	3.0	19
13	Design and performance of metal conductors for stretchable electronic circuits. <i>Circuit World</i> , 2009, 35, 22-29.	0.9	60
14	Design of metal interconnects for stretchable electronic circuits. <i>Microelectronics Reliability</i> , 2008, 48, 825-832.	1.7	358
15	Design and Manufacturing of Stretchable High-Frequency Interconnects. <i>IEEE Transactions on Advanced Packaging</i> , 2008, 31, 802-808.	1.6	82
16	Design and performance of metal conductors for stretchable electronic circuits. , 2008, , .		7
17	Laser based fast prototyping methodology of producing stretchable and conformable electronic systems. , 2008, , .		15
18	Design and Fabrication of Elastic Interconnections for Stretchable Electronic Circuits. <i>IEEE Electron Device Letters</i> , 2007, 28, 552-554.	3.9	215

#	ARTICLE	IF	CITATIONS
19	Elastic Interconnects for Stretchable Electronic Circuits using MID (Moulded Interconnect Device) Technology. Materials Research Society Symposia Proceedings, 2006, 926, 1.	0.1	12
20	Flexible Technologies and Smart Clothing for Citizen Medicine, Home Healthcare, and Disease Prevention. IEEE Transactions on Information Technology in Biomedicine, 2005, 9, 325-336.	3.2	337