

Yung-Yu Hsu

List of Publications by Year in descending order

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11
papers

758
citations

1163117

8
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

1296
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic sensor and actuator webs for large-area complex geometry cardiac mapping and therapy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19910-19915.	7.1	209
2	Stretchability and compliance of freestanding serpentine-shaped ribbons. International Journal of Solids and Structures, 2014, 51, 4026-4037.	2.7	142
3	Stretchable, Multiplexed pH Sensors With Demonstrations on Rabbit and Human Hearts Undergoing Ischemia. Advanced Healthcare Materials, 2014, 3, 59-68.	7.6	105
4	Polyimide-Enhanced Stretchable Interconnects: Design, Fabrication, and Characterization. IEEE Transactions on Electron Devices, 2011, 58, 2680-2688.	3.0	91
5	The effects of encapsulation on deformation behavior and failure mechanisms of stretchable interconnects. Thin Solid Films, 2011, 519, 2225-2234.	1.8	71
6	The effect of pitch on deformation behavior and the stretching-induced failure of a polymer-encapsulated stretchable circuit. Journal of Micromechanics and Microengineering, 2010, 20, 075036.	2.6	54
7	In situ observations on deformation behavior and stretching-induced failure of fine pitch stretchable interconnect. Journal of Materials Research, 2009, 24, 3573-3582.	2.6	48
8	Novel Strain Relief Design for Multilayer Thin Film Stretchable Interconnects. IEEE Transactions on Electron Devices, 2013, 60, 2338-2345.	3.0	21
9	Reliability assessment of stretchable interconnects. , 2010, , .		11
10	Modeling of Printed Circuit Board Inspired Stretchable Electronic Systems. , 2012, , 141-159.		3
11	Design for reliability of multi-layer thin film stretchable interconnects. , 2013, , .		3