

# Vincent Bley

## List of Publications by Year in descending order

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12  
papers

230  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast cut-off, low I <sup>2</sup> T and high temperature monolithic on-chip fuse on silicon substrate for new fail-safe embedded power switch. <i>Microelectronics Reliability</i> , 2021, 126, 114240.	1.7	1
2	Direct Copper Bonding for Power Interconnects: Design, Manufacturing, and Test. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2015, 5, 143-150.	2.5	17
3	Soft ferrite cores characterization for integrated micro-inductors. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 104003.	2.6	8
4	Low-profile small-size ferrite cores for powerSiP integrated inductors. , 2013, , .		2
5	Soft ferrite cores characterization for integrated micro-inductors. <i>Journal of Physics: Conference Series</i> , 2013, 476, 012139.	0.4	5
6	Application of the Spark Plasma Sintering Technique to Low-Temperature Copper Bonding. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2012, 2, 553-560.	2.5	12
7	PCB dual-switch fuse with energetic materials embedded: Application for new fail-safe and fault-tolerant converters. <i>Microelectronics Reliability</i> , 2012, 52, 2457-2464.	1.7	9
8	Contribution to the understanding of the relationship between mechanical and dielectric strengths of Alumina. <i>Journal of the European Ceramic Society</i> , 2010, 30, 3117-3123.	5.7	47
9	A Lab-Scale Alternative Interconnection Solution of Semiconductor Dice Compatible with Power Modules 3-D Integration. <i>IEEE Transactions on Power Electronics</i> , 2010, 25, 1667-1670.	7.9	11
10	Impact of a surface laser treatment on the dielectric strength of $\hat{1}\pm$ -alumina. <i>Journal of Applied Physics</i> , 2009, 106, 094103.	2.5	11
11	Electrical and Physical Characterization of Bulk Ceramics and Thick Layers of Barium Titanate Manufactured Using Nanopowders. <i>Journal of Materials Engineering and Performance</i> , 2007, 16, 626-634.	2.5	16
12	Hydrothermal synthesis of nanosized BaTiO powders and dielectric properties of corresponding ceramics. <i>Solid State Ionics</i> , 2005, 176, 1301-1309.	2.7	91