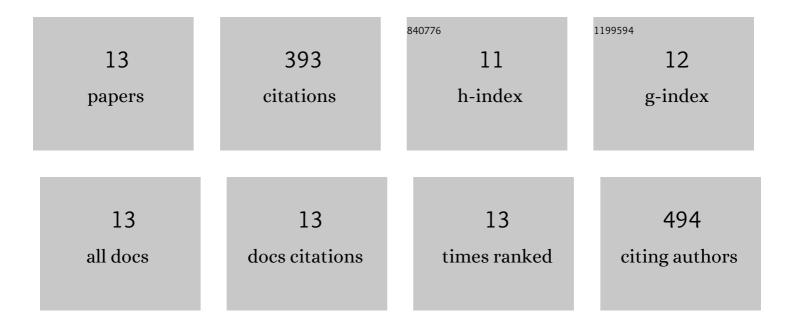
Bavani Balakrisnan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Edge Effects Determine the Direction of Bilayer Bending. Nano Letters, 2011, 11, 2280-2285.	9.1	127
2	Elasticity modulus, hardness and fracture toughness of Ni3Sn4 intermetallic thin films. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 423, 107-110.	5.6	48
3	Failure mechanism of lead-free solder joints in flip chip packages. Journal of Electronic Materials, 2002, 31, 1256-1263.	2.2	38
4	Fracture toughness of Cu-Sn intermetallic thin films. Journal of Electronic Materials, 2003, 32, 166-171.	2.2	35
5	Texture of NiGe on Ge(001) and its evolution with formation temperature. Applied Physics Letters, 2005, 87, 241922.	3.3	28
6	Enhanced morphological stability of NiGe films formed using Ni(Zr) alloy. Thin Solid Films, 2006, 504, 104-107.	1.8	27
7	Electrochemical tests on the carbon protective layer of a hard disk. Diamond and Related Materials, 2002, 11, 1409-1415.	3.9	21
8	Highly efficient electroluminescent biphenylyl-substituted poly(p-phenylenevinylene)s through fine tuning the polymer structure. Polymer, 2006, 47, 1820-1829.	3.8	17
9	Influence of Carbon Sputtering Conditions on Corrosion Protection of Magnetic Layer by an Electrochemical Technique. Journal of the Electrochemical Society, 2002, 149, B84.	2.9	13
10	Design of compliant meanders for applications in MEMS, actuators, and flexible electronics. Smart Materials and Structures, 2012, 21, 075033.	3.5	13
11	A study of charge mobility characteristics in a series of biphenylyl substituted PPV derivatives. Chemical Physics Letters, 2005, 414, 393-397.	2.6	11
12	Growth of high quality Er–Ge films on Ge(001) substrates by suppressing oxygen contamination during germanidation annealing. Thin Solid Films, 2006, 504, 81-85.	1.8	11
13	Batch fabricated bidirectional dielectric elastomer actuators. , 2011, , .		4