

John R Jameson

List of Publications by Year in descending order

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14
papers

1,038
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical metallization memories—fundamentals, applications, prospects. <i>Nanotechnology</i> , 2011, 22, 254003.	2.6	678
2	Field-programmable rectification in rutile TiO ₂ crystals. <i>Applied Physics Letters</i> , 2007, 91, 112101.	3.3	94
3	Quantized Conductance in $\text{Ag/GeS}_2/\text{W}$ Conductive-Bridge Memory Cells. <i>IEEE Electron Device Letters</i> , 2012, 33, 257-259.	3.9	81
4	Double-well model of dielectric relaxation current. <i>Applied Physics Letters</i> , 2004, 84, 3489-3491.	3.3	33
5	Subquantum conductive-bridge memory. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	27
6	Effects of cooperative ionic motion on programming kinetics of conductive-bridge memory cells. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	23
7	Circuit Modeling of High-Frequency Electrical Conduction in Carbon Nanofibers. <i>IEEE Transactions on Electron Devices</i> , 2009, 56, 1557-1561.	3.0	20
8	A semiclassical model of dielectric relaxation in glasses. <i>Journal of Applied Physics</i> , 2006, 100, 124104.	2.5	19
9	Role of Hydrogen Ions in TiO ₂ -Based Memory Devices. <i>Integrated Ferroelectrics</i> , 2011, 124, 112-118.	0.7	16
10	Tight-binding model and electronic structure of tetrahedral zirconium silicate. <i>Journal of Applied Physics</i> , 2001, 90, 4570-4577.	2.5	14
11	Recent Progress in Resistance Change Memory. , 2008, , .		14
12	Electronic susceptibility in thin films and interfaces. <i>Journal of Applied Physics</i> , 2002, 92, 4431-4440.	2.5	9
13	Dielectric relaxation study of hydrogen exposure as a source of two-level systems in Al ₂ O ₃ . <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2148-2151.	3.1	8
14	Test Structure to Extract Circuit Models of Nanostructures Operating at High Frequencies. , 2009, , .		2