

Isabel G Trindade

List of Publications by Year in descending order

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23
papers

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citations

1040056

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all docs

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docs citations

25
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Evaluation of Novel Textile Wearable Systems for the Surveillance of Vital Signals. <i>Sensors</i> , 2016, 16, 1573.	3.8	39
2	Piezoresistive silicon thin film sensor array for biomedical applications. <i>Thin Solid Films</i> , 2011, 519, 4574-4577.	1.8	30
3	High electrical conductance poly(3,4-ethylenedioxythiophene) coatings on textile for electrocardiogram monitoring. <i>Synthetic Metals</i> , 2015, 210, 179-185.	3.9	26
4	Antiferromagnetic exchange and magnetoresistance enhancement in Co-Re superlattices. <i>Physical Review B</i> , 1992, 45, 2495-2498.	3.2	18
5	Structural characterization of Co-Re superlattices. <i>Journal of Applied Physics</i> , 1991, 70, 7370-7373.	2.5	17
6	Exchange bias of MnPt/CoFe films prepared by ion beam deposition. <i>Journal of Applied Physics</i> , 2004, 95, 6317-6321.	2.5	16
7	Control of hysteretic behavior in flux concentrators. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	10
8	Linear field amplification for magnetoresistive sensors. <i>Journal of Applied Physics</i> , 2008, 103, 103914.	2.5	9
9	Soft Thin Films for Flux Concentrators. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 168-171.	2.1	9
10	Novel textile systems for the continuous monitoring of vital signals: design and characterization. , 2015, 2015, 3743-6.		9
11	Ultra-sensitive shape sensor test structures based on piezoresistive doped nanocrystalline silicon. <i>Vacuum</i> , 2009, 83, 1279-1282.	3.5	7
12	Narrow-track differential head: performance on longitudinal and perpendicular disk media. <i>IEEE Transactions on Magnetics</i> , 2002, 38, 1814-1820.	2.1	6
13	Antiferromagnetic exchange and enhanced magnetoresistance in glass/ Fe ₅₀ Å.../Co ₁₁ Å.../Cu/Co ₁₁ Å.../Cu ₁₀ Å...structures. <i>Journal of Applied Physics</i> , 1993, 73, 5527-5529.	2.5	5
14	Lightweight portable sensors for health care. , 2010, , .		5
15	Antiferromagnetically coupled multilayers of (Co ₉₀ Fe ₁₀ tF/Ru tRu)Å—N and (Ni ₈₁ Fe ₁₉ tF/Ru tRu)Å—N prepared by ion beam deposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 232-234.	2.3	4
16	High Sensitivity Spin Valve Sensors With AF Coupled Flux Guides. <i>IEEE Transactions on Magnetics</i> , 2008, 44, 2472-2474.	2.1	4
17	Magnetization reversal processes in Co-Re antiferromagnetically coupled multilayers: A magneto-optic and Monte Carlo study. <i>Journal of Applied Physics</i> , 1993, 74, 2692-2700.	2.5	3
18	Comparative experimental study of exchange biased symmetric and antisymmetric dual magnetoresistive read elements. <i>IEEE Transactions on Magnetics</i> , 1994, 30, 3852-3854.	2.1	3

#	ARTICLE	IF	CITATIONS
19	A method to investigate the electron scattering characteristics of ultrathin metallic films by in situ electrical resistance measurements. Review of Scientific Instruments, 2009, 80, 073909.	1.3	3
20	Electron scattering characteristics of polycrystalline metal transition films by in-situ electrical resistance measurements. Journal of Magnetism and Magnetic Materials, 2009, 321, 2494-2498.	2.3	2
21	Magnetothermopower in antiferromagnetically coupled Co/Re superlattices. Journal of Applied Physics, 1994, 75, 6551-6553.	2.5	1
22	GMR-DMR read-element characterization and projections of head performance on high areal density rigid media. IEEE Transactions on Magnetics, 1998, 34, 1483-1485.	2.1	0
23	Smart Clothing for Health Care. Advances in Healthcare Information Systems and Administration Book Series, 2012, , 56-80.	0.2	0