

KUANR'S PUBLICATIONS
(INTERNATIONAL JOURNALS)
MAGNETIC NANO-STRUCTURES; MICROWAVE NANO-DEVICES

2006

<http://www.uccs.edu/~physics/magnetics/masterpapers.html>

1. Iron-based micro-strip band-stop filters at higher microwave frequency range; Design optimization using shape anisotropy.
Yuri Khivinitsev, Bijoy K Kuanr, Ian Harward, R. E. Camley and Z. Celinski
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2. Magnetic Multilayer Films for Microwave Filter Application
Bijoy K. Kuanr, Alka V. Kuanr, R. E. Camley and Z. Celinski
IEEE Transactions on Magnetics, Sept. (2006) [EE-10, INTERMAG'06, San Diego]
3. Magnetization Relaxation in Sputtered Thin Fe Films; A FMR study
Bijoy K. Kuanr, Alka V. Kuanr, R. E. Camley and Z. Celinski
IEEE Transactions on Magnetics, Sept. (2006) [BF-06, INTERMAG'06, San Diego]
4. Determination of dipolar and demagnetizing fields of Iron magnetic nano-wires in a SiO₂ matrix by Ferromagnetic Resonance technique; A Network Analyzer Spectroscopy.
Bijoy K. Kuanr, R. E. Camley and Z. Celinski
J. Appl. Phys., (Communicated) 2005.

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5. Narrowing of the frequency-linewidth in structured magnetic strips: experiment and theory.
Bijoy K. Kuanr, R.E. Camley and Z. J. Celinski
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9. High frequency signal processing using ferromagnetic metal.
Bijoy K. Kuanr, I. Harward, D.L. Fal, T. Camley, R.E. Mills R. E. Camley and Z. Celinski.
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10. Relaxation in Epitaxial Fe films by Ferromagnetic Resonance
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11. Effect of Shape Anisotropy on Stop-band response of Fe and Permalloy based Tunable Microstrip Filters
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IEEE Transactions on Magnetics, Vol. **40**, July(2004), pp.2841.
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15. Interlayer Exchange Coupling of epitaxial Fe/Al/Fe trilayer films; Dynamic and Static measurements.
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23. Effect of Rare-earth Gd- on Instability Threshold of YIG
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29. Effect of Aluminium substitution on Electric, Magnetic & Microwave Properties of LiTi Ferrites
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30. Instability threshold in polycrystalline cobalt doped LiTi Ferrites
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35. On-wafer band-stop and band-pass microwave filters based on ferromagnetic resonance
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37. Twisted magnetization state in thin Fe films due to strong interlayer coupling
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