

William A Challener

List of Publications by Year in descending order

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17
papers

1,339
citations

759233

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940533

16
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18
all docs

18
docs citations

18
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-Plasmon Resonance Characterization of a Near-Field Transducer. IEEE Transactions on Magnetics, 2012, 48, 1801-1806.	2.1	3
2	Heat Assisted Magnetic Recording. Proceedings of the IEEE, 2008, 96, 1810-1835.	21.3	893
3	Integrated Heat Assisted Magnetic Recording Head: Design and Recording Demonstration. IEEE Transactions on Magnetics, 2008, 44, 119-124.	2.1	93
4	Heat assisted magnetic recording with a fully integrated recording head. Proceedings of SPIE, 2007, , .	0.8	6
5	Progress and Prospects in Heat Assisted Magnetic Recording. , 2007, , .		1
6	Focusing characteristics of a planar solid-immersion mirror. Applied Optics, 2006, 45, 1785.	2.1	13
7	Optical Transducers for Near Field Recording. Japanese Journal of Applied Physics, 2006, 45, 6632-6642.	1.5	42
8	Near Field Heat Assisted Magnetic Recording with a Planar Solid Immersion Lens. Japanese Journal of Applied Physics, 2006, 45, 1314-1320.	1.5	37
9	Near-field optical recording using a planar solid immersion mirror. Applied Physics Letters, 2005, 87, 151105.	3.3	20
10	Miniature Planar Solid Immersion Mirror with Focused Spot Less Than a Quarter Wavelength. Optics Express, 2005, 13, 7189.	3.4	53
11	Input-grating couplers for narrow Gaussian beam: influence of groove depth. Optics Express, 2004, 12, 6481.	3.4	20
12	Light Delivery Techniques for Heat-Assisted Magnetic Recording. Japanese Journal of Applied Physics, 2003, 42, 981-988.	1.5	75
13	<title>Figures of merit for recordable optical media</title>. , 1997, , .		1
14	Figures of merit for magneto-optic materials. Journal of Physics and Chemistry of Solids, 1995, 56, 1499-1507.	4.0	12
15	Refractive indices of reactive magneto-optical thin films. Applied Optics, 1990, 29, 3040.	2.1	12
16	Optical Properties of TbFeCo Films. Japanese Journal of Applied Physics, 1989, 28, 51.	1.5	10
17	Jones matrix analysis of magneto-optical media and read-back systems. Applied Optics, 1987, 26, 3974.	2.1	35