

# Stefan Visnovsky

## List of Publications by Year in descending order

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158  
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citations

304743

22  
h-index

330143

37  
g-index

158  
all docs

158  
docs citations

158  
times ranked

1517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonreciprocal propagation in optical fibers. Japanese Journal of Applied Physics, 2020, 59, SEEB01.	1.5	1
2	Electronic structure of $\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3$ : Interplay of oxygen octahedra rotations and epitaxial strain. Physical Review B, 2019, 99, .	3.2	5
3	Magnetooptics in Cylindrical Structures. Applied Sciences (Switzerland), 2018, 8, 2547.	2.5	2
4	Vector MO magnetometry for mapping microwave currents. AIP Advances, 2018, 8, 056642.	1.3	5
5	Polar Magnetization. , 2018, , 175-280.		0
6	Longitudinal Magnetization. , 2018, , 281-315.		0
7	HELMHOLTZ EQUATION IN TRANSVERSE CIRCULAR REPRESENTATION. Progress in Electromagnetics Research M, 2017, 59, 161-170.	0.9	2
8	Transverse magneto-optic effect in multilayers applied to mapping of microwave currents. Optical Materials Express, 2017, 7, 2368.	3.0	6
9	Interface effects in nanometer-thick yttrium iron garnet films studied by magneto-optical spectroscopy. Applied Physics Letters, 2016, 108, .	3.3	28
10	Optical spectroscopy of sputtered nanometer-thick yttrium iron garnet films. Journal of Applied Physics, 2015, 117, .	2.5	13
11	Magneto-optical studies of $\text{BaFe}_{12}\text{O}_{19}$ films grown by metallo-organic decomposition. Optical Materials Express, 2015, 5, 1323.	3.0	1
12	Ellipsometry and magneto-optical Kerr effect study of nanocrystalline zinc ferrite thin films. , 2015, , .		0
13	Nanocrystalline zinc ferrite films studied by magneto-optical spectroscopy. Journal of Applied Physics, 2015, 117, 17B726.	2.5	7
14	Interface effects and the evolution of ferromagnetism in $\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3$ ultrathin films. Science and Technology of Advanced Materials, 2014, 15, 015001.	6.1	8
15	$\text{AlN}/\text{Fe}/\text{AlN}$ nanostructures for magneto-optic magnetometry. Journal of Applied Physics, 2014, 115, 17A937.	2.5	2
16	Effect of $\text{Ga}^+$ irradiation in molecular-beam epitaxy grown Pt/Co/Pt thin films studied by magneto-optic spectroscopy. Journal of Applied Physics, 2014, 115, 17C106.	2.5	7
17	Physical properties of Al doped Ba hexagonal ferrite thin films. Journal of Applied Physics, 2013, 113, .	2.5	41
18	Complete Permittivity Tensor in Sputtered $\text{CuFe}_2\text{O}_4$ Thin Films at Photon Energies between 2 and 5 eV. Materials, 2013, 6, 4096-4108.	2.9	7

#	ARTICLE	IF	CITATIONS
19	Analytical analysis of a multilayer structure with ultrathin Fe film for magneto-optical sensing. Optics Express, 2013, 21, 3400.	3.4	9
20	Effect of Ga <sup>+</sup> irradiation on the magneto-optic spectra of Pt/Co/Pt sandwiches. Thin Solid Films, 2012, 520, 7169-7172.	1.8	7
21	Origin of magneto-optic enhancement in CoPt alloys and Co/Pt multilayers. Applied Physics Letters, 2012, 100, .	3.3	6
22	Polar and longitudinal magneto-optical spectroscopy of bismuth substituted yttrium iron garnet films grown by pulsed laser deposition. Thin Solid Films, 2011, 519, 8041-8046.	1.8	13
23	Theory of two-dimensional magneto-photonic crystals using complex Fourier factorization. Journal of Physics: Conference Series, 2010, 200, 072004.	0.4	1
24	The effect of FeF <sub>2</sub> on the magneto-optic response in FeF <sub>2</sub> /Fe/FeF <sub>2</sub> sandwiches. Journal Physics D: Applied Physics, 2010, 43, 155301.	2.8	7
25	Magneto-optic spectroscopy of La <sub>2</sub> /3Sr <sub>1</sub> /3MnO <sub>3</sub> films on SrTiO <sub>3</sub> (100) and (110) substrates. Journal Physics D: Applied Physics, 2009, 42, 195002.	2.8	22
26	Complex Fourier factorization method applied in modeling optical metamaterials based on 2D periodic nanostructures. , 2009, , .		0
27	Modelling of magneto photonic waveguide using RCWA. Proceedings of SPIE, 2008, , .	0.8	1
28	Magneto-optical AlN/Fe/AlN structures optimized for operation in the violet spectral region. Journal Physics D: Applied Physics, 2008, 41, 155007.	2.8	5
29	Optimization of magneto-optical response of Fe <sub>2</sub> FeFe <sub>2</sub> sandwiches for microwave field detection. Journal of Applied Physics, 2007, 101, 09C516.	2.5	7
30	Faraday effect in cubic and tetragonal copper ferrite CuFe <sub>2</sub> O <sub>4</sub> films—Comparative studies. Journal of Magnetism and Magnetic Materials, 2007, 316, e688-e691.	2.3	11
31	Transverse magneto-optical Kerr effect measured using phase modulation. Journal of the European Optical Society-Rapid Publications, 2006, 1, .	1.9	18
32	Convergence properties of critical dimension measurements by spectroscopic ellipsometry on gratings made of various materials. Journal of Applied Physics, 2006, 100, 054906.	2.5	23
33	Optics of anisotropic nanostructures. European Physical Journal D, 2006, 56, 665-764.	0.4	10
34	Magneto-optical parameters of Co <sub>90</sub> Fe <sub>10</sub> and Co <sub>50</sub> Fe <sub>50</sub> ferromagnetic thin films for 1.314μm integrated isolator. Journal of Magnetism and Magnetic Materials, 2006, 305, 284-290.	2.3	10
35	Magneto-optical and optical spectroscopic ellipsometries of La <sub>2</sub> 3Sr13MnO <sub>3</sub> thin films. Journal of Applied Physics, 2006, 99, 08Q317.	2.5	17
36	Magneto-optical spectroscopic scatterometry for analyzing patterned magnetic nanostructures. Journal of the Magnetism Society of Japan, 2006, 30, 630-636.	0.4	4

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37	Optical metrology of patterned magnetic structures: deep versus shallow gratings. , 2005, , .		1
38	Influence of component imperfection on null ellipsometry with phase modulation. , 2005, , .		0
39	Airy-like internal reflection series applied in scatterometry and simulations of gratings. , 2005, , .		0
40	Spectroscopic ellipsometry on lamellar gratings. Applied Surface Science, 2005, 244, 225-229.	6.1	11
41	Spectroscopic ellipsometry on sinusoidal surface-relief gratings. Applied Surface Science, 2005, 244, 221-224.	6.1	7
42	MOKE spectroscopy of sputter-deposited Cu-ferrite films. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 195-197.	2.3	5
43	Evidence of native oxides on the capping and substrate of Permalloy gratings by magneto-optical spectroscopy in the zeroth- and first-diffraction orders. Applied Physics Letters, 2005, 86, 231101.	3.3	16
44	Specular spectroscopic ellipsometry for the critical dimension monitoring of gratings fabricated on a thick transparent plate. Journal of Applied Physics, 2005, 97, 053107.	2.5	14
45	Optical metrology of binary arrays of holes in semiconductor media using microspot spectroscopic ellipsometry. , 2005, , .		0
46	Modeling of a novel InP-based monolithically integrated magneto-optical waveguide isolator. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 261.	2.1	18
47	Evaluation of the quality of Permalloy gratings by diffracted magneto-optical spectroscopy. Optics Express, 2005, 13, 4651.	3.4	11
48	Matrix Representations for Vector Differential Operators in General Orthogonal Coordinates. European Physical Journal D, 2004, 54, 793-819.	0.4	4
49	Moke spectroscopy of sputter deposited Cu-ferrite films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E885-E886.	2.3	5
50	Magneto-optical spectroscopy on permalloy wires in 0th and 1st diffraction orders. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1670-1671.	2.3	3
51	Optimization of a magneto-optical integrated isolator. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2319-2320.	2.3	0
52	Magneto-optical spectroscopy of strained La <sub>2</sub> /3Sr <sub>1</sub> /3MnO <sub>3</sub> thin films grown by "laser MBE". Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1812-1813.	2.3	10
53	Null ellipsometer with phase modulation. Optics Express, 2004, 12, 6040.	3.4	20
54	Characterization of permalloy wires by optical and magneto-optical spectroscopy. Transactions of the Magnetics Society of Japan, 2004, 4, 282-285.	0.5	1

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55	Interface Effects on Magneto-Optic Kerr and Reflectivity Spectra in Ultrathin Fe/Au and Fe/Ag Systems. Transactions of the Magnetism Society of Japan, 2004, 4, 293-296.	0.5	0
56	Structural, magnetic, and spectroscopic magneto-optical properties aspects of Pt/Co multilayers with intentionally alloyed layers. Journal of Applied Physics, 2003, 94, 7662.	2.5	41
57	In-depth resolution of the magneto-optical Kerr effect in ferromagnetic multilayers. Physical Review B, 2002, 66, .	3.2	65
58	Magneto-optic ellipsometry in exchange-coupled films. Applied Optics, 2002, 41, 3950.	2.1	13
59	Anisotropy of magneto-optical spectra in ultrathin Fe/Au/Fe bilayers. Journal of Applied Physics, 2002, 91, 8246.	2.5	8
60	Anisotropy of quadratic magneto-optic effects in reflection. Journal of Applied Physics, 2002, 91, 7293.	2.5	65
61	Effect of Cu thickness in Co/Cu multilayers on polar and longitudinal magneto-optical Kerr spectra. Journal of Magnetism and Magnetic Materials, 2002, 240, 523-525.	2.3	2
62	Quadratic Magneto-Optic Effects in Reflection from Uniaxial Crystals. Transactions of the Magnetism Society of Japan, 2002, 2, 151-154.	0.5	1
63	Magneto-optic ellipsometry in multilayers at arbitrary magnetization. Optics Express, 2001, 9, 121.	3.4	59
64	Magneto-optic polar Kerr and Faraday effects in periodic multilayers. Optics Express, 2001, 9, 158.	3.4	26
65	Magneto-optical properties of ferromagnetic/nonferromagnetic interfaces: Application to Co/Au(111). Physical Review B, 2001, 64, .	3.2	16
66	Magnetic behavior and role of the antiphase boundaries in Fe <sub>3</sub> O <sub>4</sub> epitaxial films sputtered on MgO (001). European Physical Journal B, 2001, 24, 43-49.	1.5	49
67	Magneto-optical Faraday and Kerr effect of orthoferrite thin films at high temperatures. European Physical Journal B, 2001, 21, 67-73.	1.5	27
68	Magneto-optic polar Kerr and Faraday effects in magnetic superlattices. European Physical Journal D, 2001, 51, 917-949.	0.4	45
69	Title is missing!. European Physical Journal D, 2001, 51, 1215-1228.	0.4	1
70	Multilayer Anisotropic Bi-periodic Diffraction Gratings. European Physical Journal D, 2001, 51, 229-247.	0.4	8
71	Magneto-optical spectroscopy of [ $\pm$ Fe <sub>2</sub> O <sub>3</sub> /NiO] <sub>2.5</sub> multilayers and NiFe <sub>2</sub> O <sub>4</sub> films. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1820-1822.	2.3	2
72	Magnetic studies of Fe/Pt multilayers. Journal of Magnetism and Magnetic Materials, 2000, 214, 99-104.	2.3	14

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73	Analytical expressions for polar magnetoptics in magnetic multilayers. European Physical Journal D, 2000, 50, 857-882.	0.4	7
74	Difference in the behaviour of interfacial Co and Ni atoms in $\text{Co}_x\text{Ni}_{1-x}/\text{Pt}$ multilayers: an explanation. Journal Physics D: Applied Physics, 2000, 33, 1662-1665.	2.8	7
75	Magneto-optical studies in $\text{NiO}/\text{Fe}_2\text{O}_3$ multilayers. Journal of Applied Physics, 1999, 85, 5771-5773.	2.5	1
76	Magneto-optical effects in ultrathin structures at transversal magnetization. European Physical Journal D, 1999, 49, 1185-1204.	0.4	14
77	Effect of Au thickness on magnetoresistance and Kerr spectra in $\text{Co}/\text{Au}$ multilayers. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 36-38.	2.3	5
78	Magneto-optic studies of $\text{Fe}/\text{Au}$ multilayers. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 480-482.	2.3	8
79	Oblique incidence MOKE in ultrathin $\text{Au}/\text{Co}$ wedges. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 506-508.	2.3	2
80	Magnetically textured $\hat{\Gamma}^3\text{-Fe}_2\text{O}_3$ nanoparticles in a silica gel matrix: Optical and magneto-optical properties. Journal of Applied Physics, 1999, 85, 2270-2278.	2.5	96
81	Magneto-optic effects in ultrathin structures at longitudinal and polar magnetizations. European Physical Journal D, 1998, 48, 1083-1104.	0.4	9
82	Magnetically textured $\hat{\Gamma}^3\text{-Fe}_2\text{O}_3$ nanoparticles in a silica gel matrix: Structural and magnetic properties. Journal of Applied Physics, 1998, 83, 7776-7788.	2.5	62
83	Structural and spectroscopic magneto-optic studies of $\text{Pt}/\text{Ni}$ multilayers. Journal of Applied Physics, 1997, 82, 5640-5645.	2.5	34
84	Magneto-optic depth sensitivity in a simple ultrathin film structure. Journal of Magnetism and Magnetic Materials, 1997, 165, 92-95.	2.3	24
85	Spectroscopic PMOKE evidence of $\text{Au}/\text{Co}$ segregation in a $\text{Au}_{50}\text{Co}_{50}$ cover layer deposited on $\text{Co}(0001)/\text{Au}(111)$ with perpendicular anisotropy. Journal of Magnetism and Magnetic Materials, 1997, 165, 417-420.	2.3	3
86	Magneto-optic multilayers: Fundamental and technological aspects. Journal of Magnetism and Magnetic Materials, 1997, 175, 90-98.	2.3	8
87	Magneto-optical Kerr Spectra in Sputtered Strontium Ferrite Films. European Physical Journal Special Topics, 1997, 07, C1-721-C1-722.	0.2	1
88	Magneto-optical effects in a stack of magnetic multilayer-dielectric films. Journal of Magnetism and Magnetic Materials, 1996, 156, 175-176.	2.3	7
89	Magneto-optical studies of ultrathin MBE grown $\text{Fe}/\text{Ag}(001)$ wedges. Journal of Magnetism and Magnetic Materials, 1996, 156, 177-178.	2.3	8
90	OPTICAL BEHAVIOUR OF Fe IN MAGNETIC MULTILAYERS. Journal of the Magnetism Society of Japan, 1996, 20, S1_41-46.	0.4	17

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91	ANISOTROPY AND MAGNETO-OPTICAL KERR SPECTRA OF CaXNi1-X/Au MULTILAYERS. Journal of the Magnetism Society of Japan, 1996, 20, S1_451-454.	0.4	0
92	Influence of Co on the Magnetic and Magneto-Optical Properties of Co-Ni/Pt and Co-Ni/Au Multilayers. European Physical Journal Special Topics, 1996, 06, C7-85-C7-88.	0.2	0
93	Low temperature magneto-optical studies of multilayers. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 605-606.	2.3	7
94	Magneto-optic spectroscopic Kerr effect in Co-based multilayers with layer-alloyed modulation. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 579-580.	2.3	9
95	MO Kerr and Faraday studies of Au/Co ultrathin film structures. Journal of Magnetism and Magnetic Materials, 1995, 148, 281-282.	2.3	10
96	Magneto-optical enhancement in Pt/(Ni1-xCox) multilayers. Journal of Magnetism and Magnetic Materials, 1995, 148, 283-284.	2.3	5
97	Magnetic and magneto-optical polar Kerr spectra studies in Ni/Au multilayers. Journal of Magnetism and Magnetic Materials, 1995, 148, 285-286.	2.3	6
98	Magneto-optical contribution of interfaces in ultrathin film Au/Co/Au structures. Journal of Magnetism and Magnetic Materials, 1995, 148, 287-288.	2.3	10
99	MO sensing of magnetization in ultrathin ferromagnetic films sandwiched between dielectrics. Journal of Magnetism and Magnetic Materials, 1995, 148, 291-292.	2.3	0
100	Polar magneto-optics in simple ultrathin-magnetic-film structures. Physical Review B, 1995, 52, 1090-1106.	3.2	72
101	MAGNETIC AND MAGNETO-OPTICAL PROPERTIES OF (Ni1-xCox)/Pt MULTILAYERS. Journal of the Magnetism Society of Japan, 1995, 19, S1_145-148.	0.4	1
102	Magneto-optical spectra of ultrathin Au/M/Co/Au films (M = Au, Cu, Ag). Journal of Magnetism and Magnetic Materials, 1994, 131, 37-42.	2.3	3
103	Reflectivity of Bi substituted yttrium iron garnet (BiYIG) between 1 and 30 eV. European Physical Journal D, 1994, 44, 613-620.	0.4	0
104	MO polar Kerr studies of Co rich molecular beam epitaxy grown Au/Co multilayers. Journal of Applied Physics, 1994, 75, 6783-6785.	2.5	5
105	Magneto-optical complex polar Kerr effect spectra in iron-silver multilayers. Journal of Magnetism and Magnetic Materials, 1993, 118, 52-56.	2.3	7
106	Magneto-optical Kerr spectra of nickel. Journal of Magnetism and Magnetic Materials, 1993, 127, 135-139.	2.3	58
107	Magneto-optical effects in Au/Co/Au ultrathin film sandwiches. Journal of Magnetism and Magnetic Materials, 1993, 128, 179-189.	2.3	55
108	Ellipsometric and polar Kerr spectroscopic studies of Pd-Ni and Co-Pt multilayers. Journal of Magnetism and Magnetic Materials, 1993, 121, 479-482.	2.3	15

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109	Magneto-optical Kerr spectroscopy in Pt/Ni multilayers. Journal of Applied Physics, 1993, 73, 6115-6117.	2.5	9
110	Magneto-optical studies of Pt/Co multilayers and Pt-Co alloy thin films. IEEE Transactions on Magnetism, 1993, 29, 3390-3392.	2.1	41
111	Polar And Longitudinal Magneto-optic Kerr Effect In Pr/Ni And Pd/Ni Multilayers. , 1993, , .		0
112	Magneto-optical Studies Of Pt/Co Multilayers and Pt-Co Alloy Thin films. , 1993, , .		0
113	Polar and longitudinal magneto-optic Kerr effect in Pt/Ni and Pd/Ni multilayers. IEEE Transactions on Magnetism, 1993, 29, 3373-3375.	2.1	4
114	Influence of Interfaces on Magneto-optical Effects in Multilayers. Materials Research Society Symposia Proceedings, 1991, 232, 325.	0.1	1
115	Optics of magnetic multilayers. European Physical Journal D, 1991, 41, 663-694.	0.4	30
116	Magnetic and magneto-optical studies in Fe/AlN multilayers. Journal of Magnetism and Magnetic Materials, 1991, 101, 205-206.	2.3	4
117	THEORY OF MAGNETO-OPTICAL EFFECTS IN MAGNETIC MULTILAYERS. Journal of the Magnetism Society of Japan, 1991, 15, S1_67-72.	0.4	4
118	Anisotropy of magneto-optic interaction in cubic crystals. IEEE Transactions on Magnetism, 1990, 26, 2786-2788.	2.1	0
119	High-magnetic field effect on Faraday rotation in Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . IEEE Transactions on Magnetism, 1990, 26, 2801-2803.	2.1	0
120	Anisotropy of magneto-optic interaction in cubic crystals. , 1990, , .		0
121	High magnetic field effect on Faraday rotation in Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . , 1990, , .		0
122	Reflectivity in PbFe <sub>12</sub> O <sub>19</sub> from 1 to 30 eV. Journal of Applied Physics, 1990, 67, 4803-4805.	2.5	2
123	Optical properties of some garnets in the fundamental absorption range. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 282, 619-621.	1.6	0
124	Symmetry of electronic states in garnets. European Physical Journal D, 1987, 37, 1377-1393.	0.4	1
125	Magneto-optical effects in crystals at the normal incidence. European Physical Journal D, 1987, 37, 218-231.	0.4	12
126	Reflectivity in yttrium iron garnet between 4 and 30 eV using synchrotron radiation. European Physical Journal D, 1987, 37, 232-238.	0.4	10



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127	Effect of Sm <sup>3+</sup> concentration on Faraday rotation in (YSmLuCa) <sub>3</sub> (FeGe) <sub>5</sub> O <sub>12</sub> garnet films. European Physical Journal D, 1987, 37, 93-97.	0.4	3
128	Magneto-optical properties of Ga-substituted magnetoplumbites. European Physical Journal D, 1987, 37, 116-121.	0.4	8
129	Magneto-optical ellipsometry. European Physical Journal D, 1986, 36, 625-650.	0.4	147
130	Birefringence in YAlO <sub>3</sub> ∩Nd between 2∩4∩7 eV. European Physical Journal D, 1986, 36, 537-542.	0.4	8
131	Magneto-optical longitudinal Kerr effect in a film-substrate system. European Physical Journal D, 1986, 36, 1049-1057.	0.4	11
132	Magneto-optical polar Kerr effect in a film-substrate system. European Physical Journal D, 1986, 36, 834-847.	0.4	16
133	Complex polar Kerr effect spectra of magnetoplumbite. European Physical Journal D, 1986, 36, 1434-1442.	0.4	8
134	Magneto-optical transverse Kerr effect in a film-substrate system. European Physical Journal D, 1986, 36, 1203-1208.	0.4	7
135	Magneto-optical longitudinal and transversal Kerr and birefringence effects in orthorhombic crystals. European Physical Journal D, 1984, 34, 969-980.	0.4	12
136	Magneto-optical polar Kerr effect and birefringence in magnetic crystals of orthorhombic symmetry. European Physical Journal D, 1984, 34, 155-162.	0.4	10
137	Magneto-optical effects in orthoferrites: A simple model. European Physical Journal D, 1984, 34, 1344-1348.	0.4	2
138	The permittivity tensor in orthoferrites at photon energies between 2 and 5.7 eV. IEEE Transactions on Magnetics, 1984, 20, 1054-1056.	2.1	7
139	Mode spectroscopy of double-layer magnetic garnet films. IEEE Transactions on Magnetics, 1984, 20, 1057-1059.	2.1	3
140	Low temperature Faraday rotation spectra of Y <sub>3-x</sub> Bi <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub> . IEEE Transactions on Magnetics, 1984, 20, 989-991.	2.1	5
141	The effect of B <sub>2</sub> O <sub>3</sub> on the solubility of (YSmLuCa) <sub>3</sub> (FeGe) <sub>5</sub> O <sub>12</sub> garnet in PbO-B <sub>2</sub> O <sub>3</sub> flux. Crystal Research and Technology, 1984, 19, 1457-1463.	1.3	5
142	The magneto-optical polar Kerr effect and birefringence spectra in PrFeO <sub>3</sub> between 2 and 5.6 eV. Journal of Physics C: Solid State Physics, 1983, 16, L655-L659.	1.5	12
143	Refractive index of 2∩¼m bubble garnet films. Journal of Applied Physics, 1982, 53, 9002-9004.	2.5	11
144	Kerr rotation study of implanted layer in garnet bubble film. IEEE Transactions on Magnetics, 1982, 18, 1280-1282.	2.1	6

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145	Complex Faraday effect in multilayer structures. Journal of the Optical Society of America, 1981, 71, 315.	1.2	12
146	Magneto-optical polar Kerr effect in ferrimagnetic garnets and spinels. IEEE Transactions on Magnetism, 1981, 17, 3205-3210.	2.1	37
147	Magneto-optical polar Kerr effect and reflectivity of terbium iron garnet between 2 and 6 eV. Journal of Applied Physics, 1981, 52, 2292-2294.	2.5	8
148	UV magneto-optical Kerr effect and reflectivity spectra of Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> and Li <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 1980, 15-18, 831-832.	2.3	4
149	Magnetic circular dichroism study on YIG films. Journal De Physique, 1979, 40, 73-77.	1.8	11
150	Polar Kerr rotation spectra in yttrium iron garnet and lithium ferrite: A comparative study. Applied Physics Berlin, 1979, 18, 243-247.	1.4	17
151	Ferromagnetic resonance in a gallium substituted garnet film. European Physical Journal D, 1978, 28, 343-352.	0.4	3
152	Magneto-optical Kerr spectra of substituted YIG. Journal of Applied Physics, 1978, 49, 2212-2214.	2.5	7
153	Effect of multiple internal reflections on Faraday rotation in multilayer structures. Journal of Applied Physics, 1978, 49, 403-408.	2.5	15
154	Magneto-optical properties of Y <sub>3-x</sub> Fe <sub>5-x</sub> Sc <sub>x</sub> O <sub>12</sub> Garnets. IEEE Transactions on Magnetism, 1977, 13, 1577-1579.	2.1	9
155	Absorption and Faraday rotation of Pr <sub>x</sub> Y <sub>3-2x</sub> Fe <sub>5-y</sub> Ga <sub>y</sub> O <sub>12</sub> films. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 89, 73-76.	0.9	9
156	Magneto-optical Kerr effect spectra of amorphous gadolinium-cobalt films. Physica Status Solidi A, 1976, 38, K53-K56.	1.7	15
157	Faraday effect investigation of temperature compensation point in GaYIG. Physica Status Solidi A, 1974, 26, 513-519.	1.7	15
158	Temperature compensation point in yttrium gallium iron garnet. Physica Status Solidi A, 1972, 10, K97-K99.	1.7	9