

# Stefan Visnovsky

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magneto-optical ellipsometry. European Physical Journal D, 1986, 36, 625-650.	0.4	147
2	Magnetically textured $\hat{\text{I}}^3\text{-Fe}_2\text{O}_3$ nanoparticles in a silica gel matrix: Optical and magneto-optical properties. Journal of Applied Physics, 1999, 85, 2270-2278.	2.5	96
3	Polar magneto-optics in simple ultrathin-magnetic-film structures. Physical Review B, 1995, 52, 1090-1106.	3.2	72
4	In-depth resolution of the magneto-optical Kerr effect in ferromagnetic multilayers. Physical Review B, 2002, 66, .	3.2	65
5	Anisotropy of quadratic magneto-optic effects in reflection. Journal of Applied Physics, 2002, 91, 7293.	2.5	65
6	Magnetically textured $\hat{\text{I}}^3\text{-Fe}_2\text{O}_3$ nanoparticles in a silica gel matrix: Structural and magnetic properties. Journal of Applied Physics, 1998, 83, 7776-7788.	2.5	62
7	Magneto-optic ellipsometry in multilayers at arbitrary magnetization. Optics Express, 2001, 9, 121.	3.4	59
8	Magneto-optical Kerr spectra of nickel. Journal of Magnetism and Magnetic Materials, 1993, 127, 135-139.	2.3	58
9	Magneto-optical effects in Au/Co/Au ultrathin film sandwiches. Journal of Magnetism and Magnetic Materials, 1993, 128, 179-189.	2.3	55
10	Magnetic behavior and role of the antiphase boundaries in $\text{Fe}_3\text{O}_4$ epitaxial films sputtered on MgO (001). European Physical Journal B, 2001, 24, 43-49.	1.5	49
11	Magneto-optic polar Kerr and Faraday effects in magnetic superlattices. European Physical Journal D, 2001, 51, 917-949.	0.4	45
12	Magneto-optical studies of Pt/Co multilayers and Pt-Co alloy thin films. IEEE Transactions on Magnetism, 1993, 29, 3390-3392.	2.1	41
13	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
14	Physical properties of Al doped Ba hexagonal ferrite thin films. Journal of Applied Physics, 2013, 113, .	2.5	41
15	Magneto-optical polar kerr effect in ferrimagnetic garnets and spinels. IEEE Transactions on Magnetism, 1981, 17, 3205-3210.	2.1	37
16	Structural and spectroscopic magneto-optic studies of Pt-Ni multilayers. Journal of Applied Physics, 1997, 82, 5640-5645.	2.5	34
17	Optics of magnetic multilayers. European Physical Journal D, 1991, 41, 663-694.	0.4	30
18	Interface effects in nanometer-thick yttrium iron garnet films studied by magneto-optical spectroscopy. Applied Physics Letters, 2016, 108, .	3.3	28

#	ARTICLE	IF	CITATIONS
19	Magneto-optical Faraday and Kerr effect of orthoferrite thin films at high temperatures. European Physical Journal B, 2001, 21, 67-73.	1.5	27
20	Magneto-optic polar Kerr and Faraday effects in periodic multilayers. Optics Express, 2001, 9, 158.	3.4	26
21	Magneto-optic depth sensitivity in a simple ultrathin film structure. Journal of Magnetism and Magnetic Materials, 1997, 165, 92-95.	2.3	24
22	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
23	Magneto-optic spectroscopy of La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> films on SrTiO <sub>3</sub> (100) and (110) substrates. Journal of Applied Physics, 2009, 42, 195002.	2.8	22
24	Null ellipsometer with phase modulation. Optics Express, 2004, 12, 6040.	3.4	20
25	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
26	Transverse magneto-optical Kerr effect measured using phase modulation. Journal of the European Optical Society-Rapid Publications, 2006, 1, .	1.9	18
27	Polar Kerr rotation spectra in yttrium iron garnet and lithium ferrite: A comparative study. Applied Physics Berlin, 1979, 18, 243-247.	1.4	17
28	Magneto-optical and optical spectroscopic ellipsometries of La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> thin films. Journal of Applied Physics, 2006, 99, 08Q317.	2.5	17
29	OPTICAL BEHAVIOUR OF Fe IN MAGNETIC MULTILAYERS. Journal of the Magnetism Society of Japan, 1996, 20, S1_41-46.	0.4	17
30	Magneto-optical polar Kerr effect in a film-substrate system. European Physical Journal D, 1986, 36, 834-847.	0.4	16
31	Magneto-optical properties of ferromagnetic/nonferromagnetic interfaces: Application to Co/Au(111). Physical Review B, 2001, 64, .	3.2	16
32	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
33	Faraday effect investigation of temperature compensation point in GaYIG. Physica Status Solidi A, 1974, 26, 513-519.	1.7	15
34	Magneto-optical Kerr effect spectra of amorphous gadolinium-cobalt films. Physica Status Solidi A, 1976, 38, K53-K56.	1.7	15
35	Effect of multiple internal reflections on Faraday rotation in multilayer structures. Journal of Applied Physics, 1978, 49, 403-408.	2.5	15
36	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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37	Magneto-optical effects in ultrathin structures at transversal magnetization. European Physical Journal D, 1999, 49, 1185-1204.	0.4	14
38	Magnetic studies of Fe/Pt multilayers. Journal of Magnetism and Magnetic Materials, 2000, 214, 99-104.	2.3	14
39	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
40	Magneto-optic ellipsometry in exchange-coupled films. Applied Optics, 2002, 41, 3950.	2.1	13
41	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
42	Optical spectroscopy of sputtered nanometer-thick yttrium iron garnet films. Journal of Applied Physics, 2015, 117, .	2.5	13
43	Complex Faraday effect in multilayer structures. Journal of the Optical Society of America, 1981, 71, 315.	1.2	12
44	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
45	Magneto-optical longitudinal and transversal Kerr and birefringence effects in orthorhombic crystals. European Physical Journal D, 1984, 34, 969-980.	0.4	12
46	Magneto-optical effects in crystals at the normal incidence. European Physical Journal D, 1987, 37, 218-231.	0.4	12
47	Magnetic circular dichroism study on YIG films. Journal De Physique, 1979, 40, 73-77.	1.8	11
48	Refractive index of 2 $\mu$ m bubble garnet films. Journal of Applied Physics, 1982, 53, 9002-9004.	2.5	11
49	Magneto-optical longitudinal Kerr effect in a film-substrate system. European Physical Journal D, 1986, 36, 1049-1057.	0.4	11
50	Spectroscopic ellipsometry on lamellar gratings. Applied Surface Science, 2005, 244, 225-229.	6.1	11
51	Evaluation of the quality of Permalloy gratings by diffracted magneto-optical spectroscopy. Optics Express, 2005, 13, 4651.	3.4	11
52	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
53	Magneto-optical polar kerr effect and birefringence in magnetic crystals of orthorhombic symmetry. European Physical Journal D, 1984, 34, 155-162.	0.4	10
54	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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55	MO Kerr and Faraday studies of Au/Co ultrathin film structures. Journal of Magnetism and Magnetic Materials, 1995, 148, 281-282.	2.3	10
56	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
57	Magneto-optical spectroscopy of strained La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> thin films grown by $\lambda$ -laser MBE. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1812-1813.	2.3	10
58	Optics of anisotropic nanostructures. European Physical Journal D, 2006, 56, 665-764.	0.4	10
59	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 1.3 $\mu$ m integrated isolator. Journal of Magnetism and Magnetic Materials, 2006, 305, 284-290.	2.3	10
60	Temperature compensation point in yttrium gallium iron garnet. Physica Status Solidi A, 1972, 10, K97-K99.	1.7	9
61	Magneto-optical properties of Y <sub>3</sub> Fe <sub>5</sub> Sc <sub>x</sub> O <sub>12</sub> Garnets. IEEE Transactions on Magnetics, 1977, 13, 1577-1579.	2.1	9
62	Absorption and Faraday rotation of Pr <sub>x</sub> Y <sub>3-5x</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
63	Magneto-optical Kerr spectroscopy in Pt/Ni multilayers. Journal of Applied Physics, 1993, 73, 6115-6117.	2.5	9
64	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
65	Magneto-optic effects in ultrathin structures at longitudinal and polar magnetizations. European Physical Journal D, 1998, 48, 1083-1104.	0.4	9
66	Analytical analysis of a multilayer structure with ultrathin Fe film for magneto-optical sensing. Optics Express, 2013, 21, 3400.	3.4	9
67	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
68	Birefringence in YAlO <sub>3</sub> /Nd between 2-7 eV. European Physical Journal D, 1986, 36, 537-542.	0.4	8
69	Complex polar Kerr effect spectra of magnetoplumbite. European Physical Journal D, 1986, 36, 1434-1442.	0.4	8
70	Magneto-optical properties of Ga-substituted magnetoplumbites. European Physical Journal D, 1987, 37, 116-121.	0.4	8
71	Magneto-optical studies of ultrathin MBE grown Fe/Ag(001) wedges. Journal of Magnetism and Magnetic Materials, 1996, 156, 177-178.	2.3	8
72	Magneto-optic multilayers: Fundamental and technological aspects. Journal of Magnetism and Magnetic Materials, 1997, 175, 90-98.	2.3	8

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73	Magneto-optic studies of Fe/Au multilayers. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 480-482.	2.3	8
74	Multilayer Anisotropic Bi-periodic Diffraction Gratings. European Physical Journal D, 2001, 51, 229-247.	0.4	8
75	Anisotropy of magneto-optical spectra in ultrathin Fe/Au/Fe bilayers. Journal of Applied Physics, 2002, 91, 8246.	2.5	8
76	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
77	Magneto-optical Kerr spectra of substituted YIG. Journal of Applied Physics, 1978, 49, 2212-2214.	2.5	7
78	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
79	Magneto-optical transverse Kerr effect in a film-substrate system. European Physical Journal D, 1986, 36, 1203-1208.	0.4	7
80	Magneto-optical complex polar Kerr effect spectra in iron-silver multilayers. Journal of Magnetism and Magnetic Materials, 1993, 118, 52-56.	2.3	7
81	Low temperature magneto-optical studies of multilayers. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 605-606.	2.3	7
82	Magneto-optical effects in a stack of magnetic multilayer-dielectric films. Journal of Magnetism and Magnetic Materials, 1996, 156, 175-176.	2.3	7
83	Analytical expressions for polar magnetoptics in magnetic multilayers. European Physical Journal D, 2000, 50, 857-882.	0.4	7
84	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
85	Spectroscopic ellipsometry on sinusoidal surface-relief gratings. Applied Surface Science, 2005, 244, 221-224.	6.1	7
86	Optimization of magneto-optical response of $\text{FeF}_2/\text{Fe}/\text{FeF}_2$ sandwiches for microwave field detection. Journal of Applied Physics, 2007, 101, 09C516.	2.5	7
87	The effect of $\text{FeF}_2$ on the magneto-optic response in $\text{FeF}_2/\text{Fe}/\text{FeF}_2$ sandwiches. Journal Physics D: Applied Physics, 2010, 43, 155301.	2.8	7
88	Effect of $\text{Ga}^+$ irradiation on the magneto-optic spectra of Pt/Co/Pt sandwiches. Thin Solid Films, 2012, 520, 7169-7172.	1.8	7
89	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
90	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

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91	Nanocrystalline zinc ferrite films studied by magneto-optical spectroscopy. Journal of Applied Physics, 2015, 117, 17B726.	2.5	7
92	Kerr rotation study of implanted layer in garnet bubble film. IEEE Transactions on Magnetics, 1982, 18, 1280-1282.	2.1	6
93	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
94	Origin of magneto-optic enhancement in CoPt alloys and Co/Pt multilayers. Applied Physics Letters, 2012, 100, .	3.3	6
95	Transverse magneto-optic effect in multilayers applied to mapping of microwave currents. Optical Materials Express, 2017, 7, 2368.	3.0	6
96	Low temperature Faraday rotation spectra of $Y_{3-x}Bi_xFe_5O_{12}$ . IEEE Transactions on Magnetics, 1984, 20, 989-991.	2.1	5
97	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
98	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
99	Magneto-optical enhancement in Pt/(Ni <sub>1-x</sub> Co <sub>x</sub> ) multilayers. Journal of Magnetism and Magnetic Materials, 1995, 148, 283-284.	2.3	5
100	Effect of Au thickness on magnetoresistance and Kerr spectra in Co/Au multilayers. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 36-38.	2.3	5
101	Moke spectroscopy of sputter deposited Cu-ferrite films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E885-E886.	2.3	5
102	MOKE spectroscopy of sputter-deposited Cu-ferrite films. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 195-197.	2.3	5
103	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
104	Vector MO magnetometry for mapping microwave currents. AIP Advances, 2018, 8, 056642.	1.3	5
105	Electronic structure of La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> : Interplay of oxygen octahedra rotations and epitaxial strain. Physical Review B, 2019, 99, .	3.2	5
106	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
107	Magnetic and magneto-optical studies in Fe/AlN multilayers. Journal of Magnetism and Magnetic Materials, 1991, 101, 205-206.	2.3	4
108	Polar and longitudinal magneto-optic Kerr effect in Pt/Ni and Pd/Ni multilayers. IEEE Transactions on Magnetics, 1993, 29, 3373-3375.	2.1	4

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109	Matrix Representations for Vector Differential Operators in General Orthogonal Coordinates. European Physical Journal D, 2004, 54, 793-819.	0.4	4
110	THEORY OF MAGNETO-OPTICAL EFFECTS IN MAGNETIC MULTILAYERS. Journal of the Magnetism Society of Japan, 1991, 15, S1_67-72.	0.4	4
111	Magneto-optical spectroscopic scatterometry for analyzing patterned magnetic nanostructures. Journal of the Magnetism Society of Japan, 2006, 30, 630-636.	0.4	4
112	Ferromagnetic resonance in a gallium substituted garnet film. European Physical Journal D, 1978, 28, 343-352.	0.4	3
113	Mode spectroscopy of double-layer magnetic garnet films. IEEE Transactions on Magnetism, 1984, 20, 1057-1059.	2.1	3
114	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
115	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
116	Spectroscopic PMOKE evidence of Au/Co segregation in a Au <sub>50</sub> Co <sub>50</sub> cover layer deposited on Co(0001)/Au(111) with perpendicular anisotropy. Journal of Magnetism and Magnetic Materials, 1997, 165, 417-420.	2.3	3
117	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
118	Magneto-optical effects in orthoferrites: A simple model. European Physical Journal D, 1984, 34, 1344-1348.	0.4	2
119	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
120	Oblique incidence MOKE in ultrathin Au/Co wedges. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 506-508.	2.3	2
121	Magneto-optical spectroscopy of [±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
122	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
123	AlN/Fe/AlN nanostructures for magneto-optic magnetometry. Journal of Applied Physics, 2014, 115, 17A937.	2.5	2
124	HELMHOLTZ EQUATION IN TRANSVERSE CIRCULAR REPRESENTATION. Progress in Electromagnetics Research M, 2017, 59, 161-170.	0.9	2
125	Magneto-optics in Cylindrical Structures. Applied Sciences (Switzerland), 2018, 8, 2547.	2.5	2
126	Symmetry of electronic states in garnets. European Physical Journal D, 1987, 37, 1377-1393.	0.4	1



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127	Influence of Interfaces on Magneto-optical Effects in Multilayers. Materials Research Society Symposia Proceedings, 1991, 232, 325.	0.1	1
128	Magneto-optical studies in NiO/Fe <sub>2</sub> O <sub>3</sub> multilayers. Journal of Applied Physics, 1999, 85, 5771-5773.	2.5	1
129	Title is missing!. European Physical Journal D, 2001, 51, 1215-1228.	0.4	1
130	Optical metrology of patterned magnetic structures: deep versus shallow gratings. , 2005, , .		1
131	Modelling of magneto photonic waveguide using RCWA. Proceedings of SPIE, 2008, , .	0.8	1
132	Theory of two-dimensional magneto-photonic crystals using complex Fourier factorization. Journal of Physics: Conference Series, 2010, 200, 072004.	0.4	1
133	Magneto-optical studies of BaFe <sub>12</sub> O <sub>19</sub> films grown by metallo-organic decomposition. Optical Materials Express, 2015, 5, 1323.	3.0	1
134	Nonreciprocal propagation in optical fibers. Japanese Journal of Applied Physics, 2020, 59, SEEB01.	1.5	1
135	Magneto-optical Kerr Spectra in Sputtered Strontium Ferrite Films. European Physical Journal Special Topics, 1997, 07, C1-721-C1-722.	0.2	1
136	Quadratic Magneto-Optic Effects in Reflection from Uniaxial Crystals. Transactions of the Magnetics Society of Japan, 2002, 2, 151-154.	0.5	1
137	Characterization of permalloy wires by optical and magneto-optical spectroscopy. Transactions of the Magnetics Society of Japan, 2004, 4, 282-285.	0.5	1
138	MAGNETIC AND MAGNETO-OPTICAL PROPERTIES OF (Ni <sub>1-x</sub> Cox)/Pt MULTILAYERS. Journal of the Magnetics Society of Japan, 1995, 19, S1_145-148.	0.4	1
139	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
140	Anisotropy of magneto-optic interaction in cubic crystals. IEEE Transactions on Magnetics, 1990, 26, 2786-2788.	2.1	0
141	High-magnetic field effect on Faraday rotation in Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . IEEE Transactions on Magnetics, 1990, 26, 2801-2803.	2.1	0
142	Anisotropy of magneto-optic interaction in cubic crystals. , 1990, , .		0
143	High magnetic field effect on Faraday rotation in Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . , 1990, , .		0
144	Polar And Longitudinal Magneto-optic Kerr Effect In Pr/Ni And Pd/Ni Multilayers. , 1993, , .		0

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145	Magneto-optical Studies Of Pt/Co Multilayers and Pt-Co Alloy Thin films. , 1993, , .		0
146	Reflectivity of Bi substituted yttrium iron garnet (BiYIG) between 1 and 30 eV. European Physical Journal D, 1994, 44, 613-620.	0.4	0
147	MO sensing of magnetization in ultrathin ferromagnetic films sandwiched between dielectrics. Journal of Magnetism and Magnetic Materials, 1995, 148, 291-292.	2.3	0
148	Optimization of a magneto-optical integrated isolator. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2319-2320.	2.3	0
149	Influence of component imperfection on null ellipsometry with phase modulation. , 2005, , .		0
150	Airy-like internal reflection series applied in scatterometry and simulations of gratings. , 2005, , .		0
151	Optical metrology of binary arrays of holes in semiconductor media using microspot spectroscopic ellipsometry. , 2005, , .		0
152	Complex Fourier factorization method applied in modeling optical metamaterials based on 2D periodic nanostructures. , 2009, , .		0
153	Ellipsometry and magneto-optical Kerr effect study of nanocrystalline zinc ferrite thin films. , 2015, , .		0
154	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
155	ANISOTROPY AND MAGNETO-OPTICAL KERR SPECTRA OF CaXNi <sub>1-X</sub> /Au MULTILAYERS. Journal of the Magnetism Society of Japan, 1996, 20, S1_451-454.	0.4	0
156	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
157	Polar Magnetization. , 2018, , 175-280.		0
158	Longitudinal Magnetization. , 2018, , 281-315.		0