

# Lukkarinen, Anni-Liisa and Irene Nikola

## List of Publications by Year in descending order

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16  
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#	ARTICLE	IF	CITATIONS
1	Microcavity One-Dimensional Magnetophotonic Crystals with Double Layer Iron Garnet. Journal of the Magnetism Society of Japan, 2012, 36, 42-45.	0.9	24
2	Optimization of one-dimensional photonic crystals with double layer magneto-active defect. Optical Materials, 2018, 78, 521-530.	3.6	21
3	One-dimensional magnetophotonic crystals with magneto-optical double layers. Journal of Experimental and Theoretical Physics, 2016, 123, 744-751.	0.9	16
4	Nano- and micro-scale Bi-substituted iron garnet films for photonics and magneto-optic eddy current defectoscopy. Journal of Magnetism and Magnetic Materials, 2017, 440, 175-178.	2.3	10
5	The Effect of Faraday Rotation Enhancement in Nanolayered Structures of Bi - Substituted Iron Garnets. Solid State Phenomena, 0, 200, 233-238.	0.3	8
6	Magneto-optics of single and microresonator iron-garnet films at low temperatures. Optical Materials, 2016, 52, 21-25.	3.6	7
7	Microcavity One-Dimensional Magnetophotonic Crystals with Double Layer Bi-Substituted Iron Garnet Films: Optical and Magneto-Optical Responses in Transmission and Reflection. Solid State Phenomena, 2015, 230, 241-246.	0.3	5
8	High-Power Ultrasonic Synthesis and Magnetic-Field-Assisted Arrangement of Nanosized Crystallites of Cobalt-Containing Layered Double Hydroxides. ChemEngineering, 2019, 3, 62.	2.4	5
9	Temperature Dependence of Faraday Rotation in Microcavity 1D-MPCs Containing Magneto-Optical Layers with a Compensation Temperature. Solid State Phenomena, 0, 230, 247-252.	0.3	4
10	Magnetic field induced increase of the longitudinal Kerr effect in multilayer Co <sup>2+</sup> /Cu(111) films. Low Temperature Physics, 2007, 33, 992-998.	0.6	2
11	Reduction of superparamagnetic clusters in the [Co/Cu(111)]nanofilms, induced by the quantum size effect. Low Temperature Physics, 2012, 38, 848-853.	0.6	2
12	Magneto-optical spectra of microcavity one-dimensional magnetophotonic crystals with double layer bismuth-substituted iron garnet. , 2013, , .		1
13	Mediate Influence of the Quantum Size Effect in Multilayered Co / Cu (111) Nanofilms on the Longitudinal Kerr Effect. Journal of Nano- and Electronic Physics, 2018, 10, 06041-1-06041-7.	0.5	1
14	The effect of FR enhancement in reactive ion beam sputtered Bi, Gd, Al-substituted iron-garnets: Bi <sub>2</sub> O <sub>3</sub> /nanocomposite films. , 2012, , .		0
15	Optical and magneto-optical responses of 1D-MPC with double layer iron garnet films in transmission and reflection. , 2014, , .		0
16	Polarized Optical Study of Co-containing Double Layered Hydroxides. , 2018, , .		0