

# Oleg Sokolov

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Torsion Mode of the Magneto-Electric Effect in a Metglas/GaAs Layered Structure. IEEE Magnetics Letters, 2022, 13, 1-4.	1.1	1
2	Electrical current visualization sensor based on magneto-electrochromic effect. Nano Energy, 2022, , 107226.	16.0	6
3	Physics of Composites for Low-Frequency Magnetolectric Devices. Sensors, 2022, 22, 4818.	3.8	8
4	Theoretical model and tunability optimization of magnetolectric voltage tunable inductor. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 247501.	0.5	3
5	Ultrasensitive flexible magnetolectric sensor. APL Materials, 2021, 9, .	5.1	25
6	Magnetolectric Magnetic Field Sensors: A Review. Sensors, 2021, 21, 6232.	3.8	33
7	Magnetolectric Effect in the Bidomain Lithium Niobate/Nickel/Metglas Gradient Structure. Physica Status Solidi (B): Basic Research, 2020, 257, 1900398.	1.5	12
8	A Magnetolectric Automotive Crankshaft Position Sensor. Sensors, 2020, 20, 5494.	3.8	7
9	Self-Biased Bidomain LiNbO3/Ni/Metglas Magnetolectric Current Sensor. Sensors, 2020, 20, 7142.	3.8	12
10	Comparison of characteristics of variable magnetic field magnetolectric sensors based on bidomain lithium niobate, with active magnetic mass and self-biased Ni / Metglas gradient structure. Journal of Physics: Conference Series, 2020, 1658, 012053.	0.4	0
11	Torsional modes in the magnetolectric effect for a two-layer ferrimagnet-piezoelectric YIG / GaAs structure. Journal of Physics: Conference Series, 2020, 1658, 012054.	0.4	2
12	Magnetolectric Current Sensor Based on MEMS Technology. , 2019, , .		1
13	Microwave magnetolectric effect in structures based on ferromagnetic metals. ITM Web of Conferences, 2019, 30, 07013.	0.5	2
14	Magnetolectric effect in self-bias gradient structure CoFe2O4/Ni/BaTiO3 with 0-3 connectivity. IOP Conference Series: Materials Science and Engineering, 2018, 441, 012037.	0.6	0
15	Magnetolectric effect in layered structures of amorphous ferromagnetic alloy and gallium arsenide. Journal of Magnetism and Magnetic Materials, 2017, 424, 115-117.	2.3	10
16	Magnetolectric Current Sensors. Sensors, 2017, 17, 1271.	3.8	50
17	Influence of relaxation processes on amplitude and shape of echo signals. Technical Physics, 2009, 54, 457-462.	0.7	0