

Oleg Sokolov

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

172
citations

1307594

7
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

157
citing authors

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