Alexey S Vishnevskiy

List of Publications by Year
in descending order

22	209	1040056 9	1058476 14
papers	citations	h-index	g-index

22	22	22	176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of surface hydrophobisation on the properties of a microporous phenylene-bridged organosilicate film. Journal of Non-Crystalline Solids, 2022, 576, 121258.	3.1	2
2	Optical characteristics of LaNiO3 thin films in the terahertzâ€“infrared frequency range. Journal of Applied Physics, 2022, 131, 025305.	2.5	3
3	In-Situ Imaging of a Light-Induced Modification Process in Organo-Silica Films via Time-Domain Brillouin Scattering. Nanomaterials, 2022, 12, 1600.	4.1	3
4	Dielectric contribution of the IR absorption bands of porous organosilicate glass thin films on a platinum sublayer. Journal Physics D: Applied Physics, 2021, 54, 215304.	2.8	5
5	Effects of Methyl Terminal and Carbon Bridging Groups Ratio on Critical Properties of Porous Organosilicate Glass Films. Materials, 2020, 13, 4484.	2.9	17
6	Effect of terminal methyl group concentration on critical properties and plasma resistance of organosilicate low-k dielectrics. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	2.1	12
7	Mechanical properties of nanoporous organo silicate glass films for the use in integrated circuits interconnects. AIP Conference Proceedings, 2020, , .	0.4	2
8	Effect of water content on the structural properties of porous methyl-modified silicate films. Journal of Sol-Gel Science and Technology, 2019, 92, 273-281.	2.4	15
9	Effect of the C-bridge on UV properties of organosilicate films. Thin Solid Films, 2019, 685, 329-334.	1.8	10
10	Properties of Solâ€“Gel Derived Thin Organoalkylenesiloxane Films. Inorganic Materials, 2018, 54, 405-411.	0.8	4
11	Effect of terminal methyl groups concentration on properties of organosilicate glass low dielectric constant films. Japanese Journal of Applied Physics, 2018, 57, 07MC01.	1.5	20
12	Cryogenic etching of porous low-k dielectrics in CF3Br and CF4 plasmas. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2017, 35, .	1.2	19
13	Effect of Bridging and Terminal Alkyl Groups on Structural and Mechanical Properties of Porous Organosilicate Films. ECS Journal of Solid State Science and Technology, 2017, 6, N182-N188.	1.8	22
14	Low-damage plasma etching of porous low-k films in CF3Br and CF4 plasmas under low-temperature conditions. , 2016, , .		1
15	Effect of methyltrimethoxysilane hydrolysis and condensation conditions on the properties of thin polymethylsilsesquioxane films. Inorganic Materials, 2016, 52, 625-629.	0.8	10
16	Effect of the Brij 30 porogen on the properties of solâ€“gel derived thin polymethylsilsesquioxane films. Inorganic Materials, 2016, 52, 968-972.	0.8	5
17	Formation and properties of porous films of lead zirconate titanate. Physics of the Solid State, 2015, 57, 499-502.	0.6	8
18	Electrophysical properties of lead zirconate titanate films doped with lanthanum. Russian Microelectronics, 2014, 43, 438-444.	0.5	1

#	Article	IF	Citations
19	Simulation of Negative Differential Resistivity in Thin Ferroelectric Films. Ferroelectrics, 2014, 465, 28-35.	0.6	10
20	Effect of Lanthanum Doping on Leakage Currents of Sol-Gel PZT Thin Films. Ferroelectrics, 2014, 465, 54-59.	0.6	8
21	Leakage currents in ferroelectric thin films. Phase Transitions, 2013, 86, 1141-1151.	1.3	31
22	Dielectric permittivity of organosilicate glass thin films on a sapphire substrate determined using time-domain THz and Fourier IR spectroscopy. Journal Physics D: Applied Physics, 0, , .	2.8	1