Kiril Petkov

List of Publications by Year
in descending order

29	384	687363 13	794594 19
papers	citations	h-index	g-index

29	29	29	367
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, structure and optical properties of thin films from GeS2â€“In2S3 system deposited by thermal co-evaporation. Thin Solid Films, 2014, 558, 298-305.	1.8	7
2	Compositional Dependence of the Optical Properties of Vacuum Evaporated Thin GeSe2-GeTe-PbTe Films. Physics Procedia, 2013, 44, 130-141.	1.2	4
3	Photo- and Thermo-Induced Changes in Optical Constants and Structure of Thin Films from GeSe2-GeTe-ZnTe System. Physics Procedia, 2013, 44, 142-150.	1.2	2
4	Spectral properties of the silver photodoping process in thin Asâ€“Sâ€“Se layers. Semiconductor Science and Technology, 2012, 27, 115014.	2.0	5
5	Electrical conductivity, photoconductivity and gas sensitivity of Ge-Se-Te thin films. Journal of Physics: Conference Series, 2012, 398, 012058.	0.4	2
6	Glass forming region in the GeSe2â€“GeTeâ€“PbTe system and some physicochemical properties of glassy alloys. Journal of Non-Crystalline Solids, 2012, 358, 364-367.	3.1	6
7	Structure and optical properties of thin As2S3â€“In2S3films. Journal Physics D: Applied Physics, 2011, 44, 305401.	2.8	13
8	Optical properties and structure of thin films from the system GeSe2â€“Sb2Se3â€“AgI. Journal of Non-Crystalline Solids, 2011, 357, 2669-2674.	3.1	17
9	Dry etching of thin chalcogenide films. Journal of Physics: Conference Series, 2010, 223, 012011.	0.4	0
10	Optical and Holographic Characteristic of As-S-Se Thin Films. , 2010, , .		0
11	Optical characterization of thin chalcogenide films by multiple-angle-of-incidence ellipsometry. Thin Solid Films, 2010, 518, 3280-3288.	1.8	28
12	Electric charging influence in holograms of total internal reflection, recorded in a very thin chalcogenide film. Journal of Optics (United Kingdom), 2010, 12, 124008.	2.2	1
13	Multilayer As2Se3/GeS2quarter wave structures for photonic applications. Journal Physics D: Applied Physics, 2010, 43, 505103.	2.8	18
14	Structural and optical characterization of Ag photo-doped thin As₄₀S_{60 â^'x}Se_xfilms for non-linear applications. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		26
15	Auger-electron spectroscopy investigation of thin Ag-As-S-Se films. Journal of Physics: Conference Series, 2010, 223, 012040.	0.4	1
16	Optical properties and scanning probe microscopy study of some AgAsSSe amorphous films. Thin Solid Films, 2009, 517, 5943-5947.	1.8	11
17	<title>Optical response of very thin As-Se films</title>. , 2006, , .		0
18	Changes in the physicochemical and optical properties of chalcogenide thin films from the systems Asâ€”S and Asâ€”Sâ€”Tl. Journal of Materials Science, 2004, 39, 961-968.	3.7	14

#	Article	IF	Citations
19	Light-induced changes in the optical properties of thin films of Geâ€“Sâ€“Bi(Tl, In) chalcogenides. Journal of Non-Crystalline Solids, 2003, 326-327, 263-267.	3.1	19
20	X-ray microanalysis and optical properties of thin Asâ€“Sâ€“Bi (Tl) films. Vacuum, 2000, 58, 321-326.	3.5	7
21	Photoinduced changes in the linear and non-linear optical properties of chalcogenide glasses. Journal of Non-Crystalline Solids, 1999, 249, 150-159.	3.1	88
22	â€˜All-dryâ€™ and in situ microstructuring of carbide/polyimide layers. Vacuum, 1997, 48, 63-67.	3.5	4
23	Structuring of polyimide-metal carbide layer systems by excimer laser ablation. Applied Surface Science, 1995, 86, 245-250.	6.1	2
24	XPS study of amorphous As2S3 films deposited onto chromium layers. Surface and Interface Analysis, 1994, 22, 202-205.	1.8	20
25	Photo-induced changes in the optical properties of amorphous As-Ge-S thin films. Journal of Materials Science, 1994, 29, 468-472.	3.7	20
26	XPS analysis of thin chromium films. Surface and Interface Analysis, 1992, 18, 487-490.	1.8	32
27	Photo- and thermo-induced changes in the properties of thin amorphous As-S films. Journal of Materials Science, 1992, 27, 3281-3285.	3.7	18
28	Selective dissolution of thin AsxS100â^'x films. Journal of Non-Crystalline Solids, 1988, 101, 37-40.	3.1	14
29	Characteristics of thin chromium films obtained by different methods of deposition. Vacuum, 1984, 34, 1061-1065.	3.5	5