

# Yong-Gu Shim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3845696/publications.pdf>

Version: 2024-02-01

50  
papers

340  
citations

1040056

9  
h-index

888059

17  
g-index

50  
all docs

50  
docs citations

50  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic luminescence-downshifting effects of Zn-based Mn-doped nanoparticle layers on Si solar cells. Japanese Journal of Applied Physics, 2022, 61, 062004.	1.5	2
2	Spectroscopic ellipsometry of monolayered CdS nanoparticles assembled by layer-by-layer method. Journal of Applied Physics, 2020, 128, 075303.	2.5	2
3	Identification of Mn dopant in the structure of TlInS <sub>2</sub> layered semiconductor. Materials Research Express, 2019, 6, 056110.	1.6	3
4	Temperature dependence of dielectric function spectra and interband optical transitions in layered TlInS <sub>2</sub> . Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2019, 37, 061212.	1.2	0
5	Dielectric function spectra and optical transitions in thallium bromide crystals for radiation detectors. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2019, 37, 061207.	1.2	0
6	Infrared spectroscopic ellipsometry and optical spectroscopy of plasmons in classic 3D topological insulators. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2019, 37, 062602.	1.2	6
7	Anisotropic optical constants and inter-band optical transitions in layered semiconductor TlGaSe <sub>2</sub> . Applied Surface Science, 2017, 421, 788-793.	6.1	5
8	Temperature dependence of low-frequency polarized Raman scattering spectra in TlInS <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, 1600214.	0.8	4
9	Composition ratio control of CZTS films deposited by PLD. Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, .	0.8	8
10	Composition ratio control of CuInS <sub>2</sub> films using PLD. Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, 1600213.	0.8	0
11	Increase in exciton decay rate due to plane-to-plane interaction between cyanine thin films. AIP Advances, 2016, 6, 075209.	1.3	3
12	Spectroscopic ellipsometry studies of as-prepared and annealed CdS:O thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 592-595.	0.8	1
13	Structure and optical properties of CdS:O films by cathode sputtering. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 781-784.	0.8	1
14	Temperature dependence of low-frequency optical phonons in TlInS <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 826-829.	0.8	5
15	Excitonic emission of TlGaSe <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 830-833.	0.8	1
16	Excitonic emission on CuInS <sub>2</sub> epitaxial films by pulse laser deposition. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 692-695.	0.8	1
17	Band gap exciton in ferroelectric TlInS <sub>2</sub> : Dimensionality and screening. Physica Status Solidi (B): Basic Research, 2015, 252, 1248-1253.	1.5	4
18	Cu <sub>2</sub> ZnSnS <sub>4</sub> thin film deposited by pulse laser deposition. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 733-736.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Temperature behavior of dielectric function spectra and optical transitions in TlGaS <sub>2</sub> . Physica Status Solidi (B): Basic Research, 2015, 252, 1254-1257.	1.5	6
20	Control of optical properties in cyanine dye thin film fabricated by a layer-by-layer method. Journal of Applied Physics, 2014, 115, 083503.	2.5	6
21	Dielectric function spectra and inter-band optical transitions in TlGaS <sub>2</sub> . Thin Solid Films, 2014, 571, 589-592.	1.8	9
22	Electronic structures of ternary layered semiconductor TlGaSe <sub>2</sub> investigated by photoemission spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1001-1004.	0.8	0
23	Phase transition and Raman active modes in TlInS <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1132-1135.	0.8	11
24	Optical second harmonic generation in TlMeX <sub>2</sub> (Me=In,Ga,X=S,Se,Te). Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1136-1138.	0.8	2
25	Optical properties of asymmetric coupled CuCl microcavities. European Physical Journal B, 2013, 86, 1.	1.5	1
26	Optical characterization of non-annealed CdS:O films for window layers in solar cells. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1107-1110.	0.8	3
27	Structure and optical properties of CdS:O thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1098-1101.	0.8	4
28	Hard X-ray photoemission study of the covalent chain antiferromagnets TlFeS <sub>2</sub> and TlFeSe <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 989-992.	0.8	4
29	Excitonic emissions of AgInS <sub>2</sub> crystals with chalcopyrite and orthorhombic structure. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1042-1045.	0.8	2
30	Excitonic emission of CuInS <sub>2</sub> crystals using confocal microscopy system. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1038-1041.	0.8	0
31	Photoluminescence spectra of TlInSe <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2352-2354.	0.8	1
32	Mn doping effect of photoluminescence on AgInS <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2355-2357.	0.8	0
33	Temperature dependence of dielectric function and optical transitions in TlInSe <sub>2</sub> and TlGaTe <sub>2</sub> . Thin Solid Films, 2011, 519, 2852-2854.	1.8	10
34	Debye temperatures and Grueneisen parameters of chain TlSe and TlInSe <sub>2</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 997-1000.	0.8	3
35	Optical properties of CuAlS <sub>2</sub> with small indium content. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1089-1092.	0.8	5
36	Analysis of bound-exciton emissions of CuInS <sub>2</sub> crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1093-1096.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Temperature-dependent and pump-probe ellipsometric studies of TlInSe <sub>2</sub> . Thin Solid Films, 2008, 517, 1434-1438.	1.8	16
38	CuAl <sub>1-x</sub> In <sub>x</sub> Se <sub>2</sub> solid solutions: Dielectric function and inter-band optical transitions. Thin Solid Films, 2008, 517, 1442-1444.	1.8	8
39	Structural and dielectric properties of anodic oxide film on Nb-Ti alloy. Thin Solid Films, 2008, 516, 8613-8619.	1.8	11
40	Linearized Augmented Plane Wave Band Structure Calculations and Dielectric Function of Layered TlGaSe <sub>2</sub> . Japanese Journal of Applied Physics, 2008, 47, 8182.	1.5	9
41	Dispersion of Principal Refractive Indices of CaGa <sub>2</sub> S <sub>4</sub> . Japanese Journal of Applied Physics, 2008, 47, 8178.	1.5	1
42	Experimental verification of Förster energy transfer between semiconductor quantum dots. Physical Review B, 2008, 78, .	3.2	73
43	Refractive indices of layered semiconductor ferroelectrics TlInS <sub>2</sub> , TlGaS <sub>2</sub> , and TlGaSe <sub>2</sub> from ellipsometric measurements limited to only layer-plane surfaces. Journal of Applied Physics, 2007, 102, .	2.5	38
44	Incoherent ellipsometry below energy gap of TlInS <sub>2</sub> . Thin Solid Films, 2006, 509, 137-140.	1.8	5
45	Light figure studies of optical anisotropy induced by nanoscale spatial modulation in TlInS <sub>2</sub> . Journal of Physics and Chemistry of Solids, 2005, 66, 2116-2118.	4.0	8
46	Phase-modulated spectroscopic ellipsometry and polarized transmission intensity studies of wide-gap biaxial CaGa <sub>2</sub> S <sub>4</sub> . Thin Solid Films, 2004, 455-456, 244-247.	1.8	9
47	Polarized transmission intensity studies at and below energy gap of wide-gap single crystalline CaGa <sub>2</sub> S <sub>4</sub> . Journal of Physics and Chemistry of Solids, 2003, 64, 1811-1814.	4.0	2
48	Ellipsometric studies at and below energy gap on polycrystalline calcium and strontium thiogallates. Physica Status Solidi A, 2003, 198, 478-486.	1.7	9
49	Numerical and experimental approbation of extended application of light figures. Journal of Applied Physics, 2002, 91, 4110-4113.	2.5	3
50	Polarized Transmission Intensity Studies of Off-Zone-Center Incommensurate Semiconductors-Ferroelectrics TlMeX <sub>2</sub> . Japanese Journal of Applied Physics, 2002, 41, 7254-7259.	1.5	27