

Sergio J Jimnez-Sandoval

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138
papers

2,527
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146
ext. papers

2,757
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
138	Raman study and lattice dynamics of single molecular layers of MoS ₂ . <i>Physical Review B</i> , 1991 , 44, 3955-3962	3.3	437
137	Structure of single-molecular-layer MoS ₂ . <i>Physical Review B</i> , 1991 , 43, 12053-12056	3.3	330
136	High transmittance CdO thin films obtained by the sol-gel method. <i>Thin Solid Films</i> , 2000 , 371, 105-108	2.2	214
135	Dependence of electrical and optical properties of sol-gel prepared undoped cadmium oxide thin films on annealing temperature. <i>Thin Solid Films</i> , 2005 , 493, 83-87	2.2	106
134	A study of the dielectric characteristics of aluminum oxide thin films deposited by spray pyrolysis from Al(acac) ₃ . <i>Thin Solid Films</i> , 2001 , 389, 200-206	2.2	58
133	Low-resistivity ZnO:F:Al transparent thin films. <i>Solar Energy Materials and Solar Cells</i> , 2004 , 82, 35-43	6.4	47
132	Influence of annealing temperature on the formation and characteristics of sol-gel prepared ZnO films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999 , 17, 1811-1816	2.9	40
131	Raman study of copper and iron oxide particles embedded in an SiO ₂ matrix. <i>Journal of Raman Spectroscopy</i> , 1999 , 30, 1099-1104	2.3	39
130	Comparison of physicochemical properties of bio and commercial hydroxyapatite. <i>Current Applied Physics</i> , 2013 , 13, 1383-1390	2.6	38
129	Preparation and characterization of polycrystalline MnS thin films by the RF-sputtering technique above room temperature. <i>Journal of Crystal Growth</i> , 2003 , 256, 12-19	1.6	38
128	Raman spectra of Ag _x TiS ₂ and lattice dynamics of TiS ₂ . <i>Physical Review B</i> , 1992 , 45, 14347-14353	3.3	38
127	New ecological nixtamalisation process for tortilla production and its impact on the chemical properties of whole corn flour and wastewater effluents. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 564-571	3.8	37
126	Influence of reduced mass differences on the Raman spectra of ternary mixed compounds: Zn _{1-x} FexS and Zn _{1-x} MnxS. <i>Physical Review B</i> , 2003 , 68,	3.3	36
125	Malfunctioning of the iron-sulfur cluster assembly machinery in <i>Saccharomyces cerevisiae</i> produces oxidative stress via an iron-dependent mechanism, causing dysfunction in respiratory complexes. <i>PLoS ONE</i> , 2014 , 9, e111585	3.7	30
124	Raman-scattering and structure investigations on porous SiC layers. <i>Journal of Applied Physics</i> , 2005 , 97, 033507	2.5	29
123	Au/Cu/p-CdTe/n-CdO/glass-type solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2006 , 90, 2272-2279	6.4	27
122	Raman scattering and SEM study of bio-conjugated core-shell CdSe/ZnS quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007 , 4, 241-243		26

121	Raman scattering study in bio-conjugated core-shell CdSe/ZnS quantum dots. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 2885-2887	3.9	25
120	Vibrational and electrical properties of CuTe films: experimental data and first principle calculations. <i>Scientific Reports</i> , 2018 , 8, 8093	4.9	24
119	Substrate temperature effects on the growth and properties of δ MnS thin films grown by rf sputtering. <i>Materials Research Bulletin</i> , 2002 , 37, 1749-1754	5.1	24
118	Crystal structure and energy gap of CdTe thin films grown by radio frequency sputtering. <i>Journal of Applied Physics</i> , 1992 , 72, 4197-4202	2.5	24
117	Lanthanide(III) complexes with 4,5-bis(diphenylphosphinoyl)-1,2,3-triazolate and the use of 1,10-phenanthroline as auxiliary ligand. <i>Inorganic Chemistry</i> , 2010 , 49, 4109-16	5.1	23
116	Cd self-doping of CdTe polycrystalline films by co-sputtering of CdTe/Cd targets. <i>Journal of Applied Physics</i> , 1998 , 83, 760-763	2.5	23
115	Influence of Te inclusions and precipitates on the crystalline and thermal properties of CdTe single crystals. <i>Journal of Crystal Growth</i> , 2000 , 213, 259-266	1.6	23
114	The effect of different nixtamalisation processes on some physicochemical properties, nutritional composition and glycemic index. <i>Journal of Cereal Science</i> , 2015 , 65, 140-146	3.8	22
113	Design of Spintronic Materials with Simple Structures. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 3652-3660	1.3	22
112	Influence of the growth parameters of p-CdTe thin films on the performance of Au/p-CdTe/n-CdO type solar cells. <i>Solar Energy</i> , 2006 , 80, 142-147	6.8	22
111	Sol-gel SiO ₂ films containing colloidal copper particles for surface-enhanced raman scattering of graphite. <i>Journal of Raman Spectroscopy</i> , 1998 , 29, 763-771	2.3	21
110	Friction reduction by water-soluble ammonium thiometallates. <i>Tribology Letters</i> , 2007 , 26, 137-144	2.8	21
109	Low temperature structural transformation in T[Ni(CN) ₄] _x pyz with x=1,2; T=Mn,Co,Ni,Zn,Cd; pyz=pyrazine. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 105-113	3.3	20
108	Micro-Raman spectroscopy: a powerful technique for materials research. <i>Microelectronics Journal</i> , 2000 , 31, 419-427	1.8	20
107	Vibrational and optical properties of carbon nitride films prepared by reactive magnetron sputtering. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 5225-5235	1.8	20
106	Red shifts of the Eg(1) Raman mode of nanocrystalline TiO ₂ :Er monoliths grown by sol-gel process. <i>Optical Materials</i> , 2015 , 46, 345-349	3.3	19
105	Peculiarities of Raman scattering in bioconjugated CdSe/ZnS quantum dots. <i>Nanotechnology</i> , 2010 , 21, 134016	3.4	19
104	Percolation Mechanism and Characterization of (CdO) _y (ZnO) _{1-y} Thin Films. <i>Advanced Functional Materials</i> , 2002 , 12, 129-133	15.6	19

103	Photoluminescence and Raman spectroscopy in porous SiC. <i>Microelectronics Journal</i> , 2005 , 36, 536-538	1.8	17
102	Room temperature photoluminescence in crystalline/amorphous Er-doped Cd ₂ V ₂ O ₇ . <i>Journal of Luminescence</i> , 2012 , 132, 1511-1514	3.8	16
101	Temperature optimisation of CNT synthesis by spray pyrolysis of alpha-pinene as the carbon source. <i>Journal of Experimental Nanoscience</i> , 2010 , 5, 52-60	1.9	15
100	Crystalline structure, electronic and lattice-dynamics properties of NbTe. <i>Scientific Reports</i> , 2018 , 8, 16984	4.9	15
99	Photoluminescent and electrical properties of novel Nd ³⁺ doped ZnV ₂ O ₆ and Zn ₂ V ₂ O ₇ . <i>Ceramics International</i> , 2016 , 42, 8425-8430	5.1	14
98	Porous silicon-VO ₂ based hybrids as possible optical temperature sensor: Wavelength-dependent optical switching from visible to near-infrared range. <i>Journal of Applied Physics</i> , 2015 , 118, 134503	2.5	14
97	CdTeO _x to CdTeO ₃ structural phase transition in as-grown polycrystalline films by reactive sputtering. <i>Journal of Applied Physics</i> , 2008 , 103, 123516	2.5	14
96	MoS ₂ Films Formed by In-contact Decomposition of Water-soluble Tetraalkylammonium Thiomolybdates. <i>Tribology Letters</i> , 2008 , 29, 155-161	2.8	12
95	On the properties of Cu _x Cd _{1-x} Te: a novel semiconductor alloy. <i>Thin Solid Films</i> , 1999 , 342, 1-3	2.2	12
94	Photothermal, Photocarrier and Raman Characterization of Te-doped GaSb. <i>Journal of Applied Physics</i> , 2007 , 101, 023105	2.5	11
93	Synthesis of nanocrystalline Si particles from a solid-state reaction during a ball-milling process. <i>Scripta Materialia</i> , 2003 , 49, 773-778	5.6	11
92	Structure and electronic properties of the novel semiconductor alloy Cd _{1-x} Cu _x Te. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999 , 17, 1958-1962	2.9	11
91	Photoluminescence in Er-doped V ₂ O ₅ and Er-doped CdV ₂ O ₆ . <i>Journal of Luminescence</i> , 2014 , 155, 119-124	3.8	10
90	ZnO thin films prepared at low annealing temperatures, from a novel, simple sol-gel precursor solution. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 74, 419-424	2.3	10
89	Temperature Effect on the Synthesis of Multi-Walled Carbon Nanotubes by Spray Pyrolysis of Botanical Carbon Feedstocks: Turpentine, Pinene and E-pinene. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011 , 19, 483-496	1.8	10
88	Extra Raman modes in CdS during cubic to hexagonal structural transformation. <i>Journal of Raman Spectroscopy</i> , 2002 , 33, 460-465	2.3	10
87	Optical investigation of Si nano-crystals in amorphous silicon matrix. <i>Microelectronics Journal</i> , 2005 , 36, 510-513	1.8	10
86	Band gap and optical constants of microcrystalline CdTe thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1989 , 7, 1428-1431	2.9	10

85	Biological effects of carbon nanotubes generated in forest wildfire ecosystems rich in resinous trees on native plants. <i>PeerJ</i> , 2017 , 5, e3658	3.1	10
84	Composition dependence of the crystalline-to-amorphous phase transformation of vanadate compounds in the CdO-V ₂ O ₅ binary system. <i>Journal of Non-Crystalline Solids</i> , 2015 , 408, 26-31	3.9	9
83	Effect of Er-doping on the structural and optical properties of Cd ₂ V ₂ O ₇ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012 , 209, 2281-2285	1.6	9
82	Properties of Cux(CdTe)yOz thin films: composition-dependent control of band gap and charge transport. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13001		9
81	Band gap tuning and high electrical conductivity in amorphous and polycrystalline films of the Cux(CdTe)yOz system. <i>Journal of Applied Physics</i> , 2006 , 100, 113713	2.5	9
80	Structural transition from CdTe to CdIn ₂ Te ₄ in films grown by close paced vapor transport combined with free evaporation. <i>Thin Solid Films</i> , 2000 , 358, 12-15	2.2	9
79	Parametric Study of the Synthesis of Carbon Nanotubes by Spray Pyrolysis of a Biorenewable Feedstock: β -Pinene. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3890-3896	8.3	8
78	Physical properties of a non-transparent cadmium oxide thick film deposited at low fluence by pulsed laser deposition. <i>Materials Research Bulletin</i> , 2016 , 76, 376-383	5.1	8
77	Photoluminescence of as-grown and thermal annealed SiO _x /Si-nanocrystals heterolayers grown by reactive rf sputtering. <i>Journal of Applied Physics</i> , 2010 , 108, 094323	2.5	8
76	Optical characterization of novel matrix glasses based on a CdO:ZnO:V ₂ O ₅ ternary system. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 374-377	3.9	8
75	Photo-quenched luminescence in Co(II)-doped sol-gel zirconia. <i>Journal of Sol-Gel Science and Technology</i> , 2007 , 44, 97-104	2.3	8
74	Defect-induced luminescence in Co(II)-doped anatase TiO ₂ prepared by the sol-gel method. <i>Journal of Non-Crystalline Solids</i> , 2005 , 351, 167-172	3.9	8
73	Studies of phase formation from the ZnO-CdO-V ₂ O ₅ ternary system. <i>Journal of Non-Crystalline Solids</i> , 2014 , 386, 39-45	3.9	7
72	Effect of high copper and oxygen concentrations on the optical and electrical properties of (CdTe) _x Cu _y O _z films. <i>Solar Energy Materials and Solar Cells</i> , 2006 , 90, 2248-2254	6.4	7
71	Study of the structural and optical properties of GaPN thin films grown by magnetron RF sputtering. <i>Vacuum</i> , 2006 , 80, 468-474	3.7	7
70	Validating the use of Carbopack C for chromatographic studies: morphological, crystallographic, spectroscopic and adsorption characterization. <i>Materials Chemistry and Physics</i> , 2004 , 85, 347-352	4.4	7
69	Local atomic environment of Cu:CdTe thin film alloys. <i>Microelectronics Journal</i> , 2000 , 31, 429-431	1.8	7
68	Light scattering in p-type GaAs:Ge. <i>Journal of Applied Physics</i> , 1996 , 80, 2388-2395	2.5	7

67	Chemical structure of microcrystalline CdTe films grown by RF sputtering. <i>Journal of Crystal Growth</i> , 1988 , 86, 396-400	1.6	7
66	Incorporation of Er ³⁺ ions into an amorphous matrix of Cd ₂ V ₂ O ₇ containing crystalline CdO nanoparticles. <i>Materials Research Bulletin</i> , 2015 , 68, 267-270	5.1	6
65	On the stability of Cu Te polytypes: phase transitions, vibrational and electronic properties. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 045403	1.8	6
64	CO ₂ fluid inclusion barometry in mantle xenoliths from central Mexico: A detailed record of magma ascent. <i>Journal of Volcanology and Geothermal Research</i> , 2016 , 310, 72-88	2.8	6
63	Optical properties of CuCdTeO thin films sputtered from CdTe-CuO composite targets. <i>Thin Solid Films</i> , 2014 , 571, 706-711	2.2	6
62	Improved hydrothermal synthesis of MoS ₂ sheathed carbon nanotubes. <i>Chemical Papers</i> , 2012 , 66,	1.9	6
61	Structural analysis of CdTe films prepared by RF reactive sputtering. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 3756-3761	3.9	6
60	Raman scattering studies of Te doped In _{0.14} Ga _{0.86} As _{0.13} Sb _{0.87} alloys grown on GaSb by liquid phase epitaxy. <i>Journal of Applied Physics</i> , 2006 , 100, 123503	2.5	6
59	Photoluminescence of Si or Ge nanocrystallites embedded in silicon oxide. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 1152-1155	3.9	6
58	Structural properties of thin films of the novel Cu _x (CdTe) _y O _z semiconductor system. <i>Journal of Crystal Growth</i> , 2006 , 294, 243-249	1.6	6
57	Photoluminescence and photocurrent in porous silicon Schottky barriers. <i>Thin Solid Films</i> , 2005 , 492, 327-331	2.2	6
56	Structure and electrical properties of sputtered Cu ₂ Te films (0 ≤ x ≤ 1). <i>Thin Solid Films</i> , 2018 , 653, 143-150	2.2	5
55	Growth and characterization of CuCdTeO thin films sputtered from CdTe-CuO composite targets. <i>Vacuum</i> , 2014 , 101, 130-135	3.7	5
54	Photoluminescence in Nd-doped V ₂ O ₅ . <i>Journal of Materials Science</i> , 2014 , 49, 2298-2302	4.3	5
53	Spectroscopic ellipsometry study of CuCdTeO thin films grown by reactive co-sputtering. <i>Thin Solid Films</i> , 2011 , 519, 2899-2902	2.2	5
52	Local order effects on the photoluminescence of Er ³⁺ in a novel vitreous matrix of the CdO _x nO _{1-x} /V ₂ O ₅ system and manifolds in Zn _x Al _{2-3x} O ₃ micro crystalline aggregates. <i>Optical Materials</i> , 2010 , 32, 1090-1094	3.3	5
51	Drying kinetics and segregation in a two-component anti-adherent coating studied by photoluminescence and Raman spectroscopies. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 3623-3629	3.9	5
50	Porous SiC layers on Si nanowire surface. <i>Microelectronics Journal</i> , 2008 , 39, 507-511	1.8	5

49	Disorder-induced phonon modes, built-in electric fields and structural properties of CdTe/GaAs heterostructures grown by MBE. <i>Semiconductor Science and Technology</i> , 1999 , 14, 350-356	1.8	5
48	Synthesis of iron sulfide films through solid-gas reaction of iron with diethyl disulfide. <i>Journal of Sulfur Chemistry</i> , 2015 , 36, 385-394	2.3	4
47	Analysis of vanadate compounds and glasses from the Cu _{1-x} Cd _x O-V ₂ O ₅ ternary system. <i>Journal of Non-Crystalline Solids</i> , 2014 , 398-399, 10-15	3.9	4
46	Structural and photocarrier radiometric characterization of Cux(CdTe)yOz thin films growth by reactive sputtering. <i>Thin Solid Films</i> , 2011 , 519, 2135-2140	2.2	4
45	High conductivity a-C:N thin films prepared by electron gun evaporation. <i>Materials Characterization</i> , 2007 , 58, 809-816	3.9	4
44	Structural and optical characterization of GaNAs layers grown by molecular beam epitaxy. <i>Journal of Vacuum Science & Technology B</i> , 2006 , 24, 1591		4
43	Atomic Local Structure around Cu in CuxCd _{1-x} Te Thin Films. <i>Physica Status Solidi (B): Basic Research</i> , 2000 , 220, 227-231	1.3	4
42	Precise Raman measurements of C60 fullerene nanowhiskers synthesized using the liquid-liquid interfacial precipitation method. <i>Transactions of the Materials Research Society of Japan</i> , 2016 , 41, 289-295	6.2	4
41	Properties of sputtered ZnS and ZnS:A (A = Er, Yb) films grown at low substrate temperatures. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017 , 35, 031505	2.9	3
40	Pulsed laser deposition of zinc vanadates from a ZnV ₂ O ₆ target. <i>Journal of Laser Applications</i> , 2018 , 30, 012007	2.1	3
39	Synthesis and Tribological Performance of Carbon Nanostructures Formed on AISI 316 Stainless Steel Substrates. <i>Tribology Letters</i> , 2016 , 64, 1	2.8	3
38	Surface Enhanced Raman Scattering of graphite on metals. <i>Solid State Communications</i> , 1998 , 105, 85-87	1.6	3
37	Defect-induced luminescence in sol-gel silica samples doped with Co(II) at different concentrations. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007 , 145, 97-102	3.1	3
36	Raman shift on n-doped amorphous carbon thin films grown by electron beam evaporation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007 , 204, 964-966	1.6	3
35	Optical and structural evaluation of SiC nanocrystallites. <i>Journal of Physics: Conference Series</i> , 2007 , 61, 243-246	0.3	3
34	Raman scattering investigation on porous SiC layers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005 , 2, 2962-2965		3
33	PROPERTIES OF ZnO:AL THIN FILMS, OBTAINED BY THE SOL-GEL METHOD. <i>Modern Physics Letters B</i> , 2001 , 15, 730-732	1.6	3
32	A study of Franz-Keldysh oscillations of GaAs/Si/GaAs and AlAs/Si/AlAs heterostructures. <i>Journal of Applied Physics</i> , 1994 , 76, 3616-3619	2.5	3

31	Samarium-doped ZnO thin films synthesized by Sol-gel: Structural, optical and electrical properties. <i>Materials Science in Semiconductor Processing</i> , 2021 , 126, 105648	4.3	3
30	Electronic paper from facile, two-step deposition of CuS. <i>Cellulose</i> , 2017 , 24, 1069-1075	5.5	2
29	The fundamental absorption edge in MnIn ₂ Se ₄ layer semi-magnetic semiconductor. <i>Physica B: Condensed Matter</i> , 2015 , 477, 123-128	2.8	2
28	Photoreflectance study of GaMnAs layers grown by MBE. <i>Journal of Crystal Growth</i> , 2011 , 323, 344-347	1.6	2
27	Aluminum doped ZnO by reactive sputtering of coaxial Zn and Al metallic targets. <i>Journal of Materials Science: Materials in Electronics</i> , 2007 , 18, 611-614	2.1	2
26	Structural and electronic properties of (CdTe) _{1-x} (In ₂ Te ₃) _x films grown by close-spaced vapor transport combined with free evaporation. <i>Journal of Materials Research</i> , 2000 , 15, 1811-1815	2.5	2
25	Microwave-assisted synthesis of ceria nanoparticles on carbon nanotubes and their dye-removal assesment. <i>Journal of Materials Research and Technology</i> , 2021 , 13, 70-82	5.5	2
24	Optical, Structural, and Photocarrier Studies of Cu _x (CdTe) _y O _z Thin Films. <i>International Journal of Thermophysics</i> , 2011 , 32, 720-728	2.1	1
23	Optical characterization of Al _x Ga _{1-x} As/GaAs modulation-doped heterostructures grown under As ₂ and As ₄ fluxes. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010 , 28, C3113-C3116	1.3	1
22	Polyethylcyanoacrylate nanoparticle transport through the stratum corneum. <i>Applied Physics Letters</i> , 2009 , 95, 043702	3.4	1
21	Influence of thallination conditions upon properties of TBCCO films deposited from an aerosol. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 637-638	1.3	1
20	Optical Properties of Sol-Gel-Prepared Iron-Doped SiO ₂ *. <i>Inorganic Materials</i> , 2002 , 38, 45-47	0.9	1
19	Photoluminescence and photocurrent of Schottky diodes based on silicon nanocrystallites. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005 , 2, 3019-3022		1
18	Growth of GaP _{1-x} N _x thin films by rf sputtering. <i>Physica Status Solidi (B): Basic Research</i> , 2005 , 242, 1887-1891		1
17	INFLUENCE OF FIRING TEMPERATURE ON THE PROPERTIES OF CdO THIN FILMS OBTAINED BY THE SOL-GEL METHOD. <i>Modern Physics Letters B</i> , 2001 , 15, 726-729	1.6	1
16	Crystalline Structure Determination of Anisotropic Dimethyl Terephthalate Crystallites by Micro-Raman Spectroscopy. <i>Journal of Materials Research</i> , 2000 , 15, 1397-1403	2.5	1
15	Effects of the Plasma Conditions on the Bonding Type in Carbon Nitride Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 1996 , 441, 687		1
14	Differential photoreflectance and Raman studies of MBE-grown GaAs/Si/GaAs structures. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, A357-A358	1.8	1

13	Properties of ZnO-Cu _{2-x} Se thin films deposited by sputtering from composite ZnSe-Cu ₂ O targets. <i>Optical Materials Express</i> , 2016 , 6, 2812	2.6	1
12	Influence of deposition temperature on the properties of sputtered films grown from a Cu ₂ OCdOTeO ₂ composite target: Electronic properties of CdTe ₂ O ₅ . <i>Superlattices and Microstructures</i> , 2018 , 123, 403-413	2.8	1
11	Effect of nixtamalization with Ca(OH) ₂ , CaCl ₂ , and CaCO ₃ on the protein secondary structure, rheological, and textural properties of soft wheat flour doughs. <i>Journal of Cereal Science</i> , 2021 , 101, 103271	3.8	1
10	Determination of mechanical and vibrational properties of the Sr(Zn _{1-x} Al _x) ₁₃ intermetallic compound. <i>Intermetallics</i> , 2021 , 130, 107056	3.5	0
9	Dual-doped CdSe:Cu:O films grown by sputtering using CdSe-CuO composite targets. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 195701	1.8	
8	Effect of thermal treatments and Co concentration on the structural and luminescent properties of sputtered TiO ₂ :Co films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012 , 209, 2167-2172 ^{1.6}		
7	Photo-carrier and Electronic Studies of Silicon-Doped GaAs Grown by MBE Using PCR. <i>International Journal of Thermophysics</i> , 2010 , 31, 1011-1019	2.1	
6	Relation between grazing incident X-ray diffraction and surface defects in silicon doped GaAs. <i>Physica B: Condensed Matter</i> , 2010 , 405, 2185-2188	2.8	
5	Magnetic and photomagnetic properties of polycrystalline wide-gap semiconductor Cd _{1-x} MnxTe thin films. <i>Journal of Electronic Materials</i> , 1997 , 26, 73-77	1.9	
4	Rhombohedral symmetry in GaAs _{1-x} N _x nanostructures. <i>Semiconductor Science and Technology</i> , 2021 , 36, 045026	1.8	
3	Ligninolytic activity of the and fungi involved in the biotransformation of synthetic multi-walled carbon nanotubes modify its toxicity. <i>PeerJ</i> , 2021 , 9, e11127	3.1	
2	Comment on "Investigation on the structure and thermoelectric properties of CuTe binary compounds" by Shriparna Mukherjee et al., Dalton Trans., 2019, 48, 1040. <i>Dalton Transactions</i> , 2020 , 49, 5736-5737	4.3	
1	Effect of substrate temperature on the crystalline phases of Cu _{2-x} Te films grown by RF sputtering. <i>Physica B: Condensed Matter</i> , 2022 , 624, 413372	2.8	