

Raid A Ismail

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation of Bismuth Oxide Nanoplatelets/Si Photodetector by Laser Ablation in Liquid Under Effect of an External Magnetic Field. <i>Silicon</i> , 2022, 14, 107-113.	3.3	15
2	Preparation of Bi ₂ Sr ₂ CaCu ₂ O _x Thin Film by Pulsed Laser Deposition for Optoelectronic Devices Application. <i>Silicon</i> , 2022, 14, 2625-2633.	3.3	6
3	Fabrication of Visible-Enhanced Nanostructured Mn ₂ O ₃ /Si Heterojunction Photodetector by Rapid Thermal Oxidation. <i>Silicon</i> , 2022, 14, 5297-5310.	3.3	5
4	Synthesis of HgI ₂ Nanoparticles and Nanorods by Laser Ablation in Liquid for Photodetector Applications: Effect of Laser Fluence. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 431-442.	3.7	4
5	Preparation of Nanostructured HgI ₂ Nanotubes/Si Photodetector by Laser Ablation in Liquid. <i>Silicon</i> , 2022, 14, 8397-8407.	3.3	2
6	Preparation of Iron Oxide and Titania-Based Composite, Core-Shell Populated, Nanoparticulates Material by Two-Step LASER Ablation in Aqueous Media as Antimicrobial and Anticancer Agents. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-19.	4.1	13
7	High-Responsivity Heterojunction Photodetector Based on Bi ₂ O ₃ -Decorated MWCNTs Nanostructure Grown on Silicon via Laser Ablation in Liquid. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 1381-1388.	3.7	13
8	Preparation of nanostructured PbI ₂ /Si photodetector by magnetic field-assisted laser ablation in liquid. <i>Silicon</i> , 2022, 14, 10291-10300.	3.3	2
9	Preparation and Characteristics Study of High-Quantum Efficiency Ni/PSi/c-Si and cd/PSi/c-Si Double-Junction Photodetectors. <i>Silicon</i> , 2022, 14, 11089-11096.	3.3	1
10	Preparation of MAPbI ₃ perovskite film by pulsed laser deposition for high-performance silicon-based heterojunction photodetector. <i>Optical Materials</i> , 2022, 126, 112147.	3.6	5
11	Preparation of high-quantum efficiency nanostructured Ag ₂ O/Si photodetector by rapid thermal oxidation of Ag ₂ S film: The role of oxidation time. <i>Optik</i> , 2022, 257, 168794.	2.9	2
12	Effect of nitrogen on the properties of nanostructured zinc nitride heterojunction prepared by reactive magnetron sputtering. <i>Materials Science in Semiconductor Processing</i> , 2022, 145, 106664.	4.0	4
13	Photodetection properties of populated Fe ₃ O ₄ @TiO ₂ core-shell/Si heterojunction prepared by laser ablation in water. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	11
14	Synthesis of LiNbO ₃ /SiO ₂ /Si Nanostructures Layer by Layer Based on Mach-Zehnder Modulator Using Pulsed Laser Deposition Route. <i>Silicon</i> , 2022, 14, 11781-11795.	3.3	11
15	HgI ₂ @Csl core/shell nanoparticles: Synthesis, characterization, and application in photosensors. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100515.	2.8	1
16	Impact of CN _x Layer Thickness on the Performance of c-Si Solar Cells: Experimental and PC1D Simulation Study. <i>Silicon</i> , 2022, 14, 12485-12493.	3.3	1
17	High-quantum efficiency of Au@LiNbO ₃ core-shell nano composite as a photodetector by two-step laser ablation in liquid. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, .	2.3	12
18	Synthesis of Colloidal CsHgI ₃ Nanocrystals by Laser Ablation in Liquid for Organic-Inorganic Photodetectors. <i>Journal of Electronic Materials</i> , 2022, 51, 4509-4520.	2.2	1

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19	Amorphous carbon nitride dual-function anti-reflection coating for crystalline silicon solar cells. Scientific Reports, 2022, 12, .	3.3	14
20	Colloidal synthesis of cesium iodide nanocrystals for visible-enhanced photodetection applications. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 143, 115375.	2.7	2
21	Pulsed Laser Ablation of Tin Oxide Nanoparticles in Liquid for Optoelectronic Devices. Silicon, 2021, 13, 3229-3237.	3.3	4
22	Preparation and investigation of nanostructured SnO ₂ :Pd/ porous silicon/c-Si heterostructure solar cell. Journal of Solid State Electrochemistry, 2021, 25, 1039-1048.	2.5	1
23	INFLUENCE OF CERIUM OXIDE NANOPARTICLES AND NPK NANOFERTILIZERS ON GROWTH AND YIELD OF CABBAGE PLANT. Plant Archives, 2021, 21, 1326-1331.	0.2	1
24	Preparation of nanostructured FeS ₂ /Si heterojunction photodetector by laser ablation in water under effect of an external magnetic field. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	7
25	Structural, Optical and Electrical Properties of K ₂ Cs ₂ Film Deposited by Spray Pyrolysis. Journal of Physics: Conference Series, 2021, 1795, 012027.	0.4	1
26	Effect of molar concentration on the structural, optical and electrical properties of the MnS thin film prepared by spray pyrolysis. Journal of Physics: Conference Series, 2021, 1795, 012032.	0.4	2
27	Synthesis and characterization of magnetite Fe ₃ O ₄ nanoparticles using one step laser ablation in water under effect of external magnetic field. Journal of Physics: Conference Series, 2021, 1795, 012028.	0.4	3
28	Energy Band Diagram of FTO/porous Silicon Heterostructure. Journal of Physics: Conference Series, 2021, 1795, 012016.	0.4	5
29	Magnetic Field-Assisted Laser Ablation of Titanium Dioxide Nanoparticles in Water for Anti-Bacterial Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3649-3656.	3.7	59
30	Improvement of cabbage growth and yield by nanofertilizers and nanoparticles. Environmental Nanotechnology, Monitoring and Management, 2021, 15, 100437.	2.9	16
31	Study the optoelectronic properties of PbI ₂ nanorods/Si photodetector prepared by magnetic field-assisted laser deposition route. Optics and Laser Technology, 2021, 140, 107042.	4.6	10
32	Preparation of nanostructured cerium-doped MnS/Si heterojunction photodetector by chemical spray pyrolysis: Influence of doping concentration. Optik, 2021, 243, 167457.	2.9	3
33	Pulsed laser deposition of nanostructured HgI ₂ on Si substrate for photodetector application. Materials Science in Semiconductor Processing, 2021, 135, 106106.	4.0	7
34	Preparation of Nb ₂ O ₅ nanoflakes by hydrothermal route for photodetection applications: The role of deposition time. Optik, 2021, 245, 167778.	2.9	15
35	Preparation of blue luminescence gold quantum dots using laser ablation in aromatic solvents. Applied Nanoscience (Switzerland), 2021, 11, 2779-2791.	3.1	2
36	Preparation and characterization of ¹²⁵ I-MnS nanostructure / Si photodetector by spray pyrolysis. AIP Conference Proceedings, 2021, . .	0.4	0

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37	The Combination of Laser and Nanoparticles for Enamel Protection: An In Vitro Study. Journal of Lasers in Medical Sciences, 2021, 12, e82-e82.	1.2	0
38	Preparation of visible-enhanced PbI ₂ /MgO/ Si heterojunction photodetector. Optik, 2020, 202, 163585.	2.9	15
39	Acid resistance enhancement of human tooth enamel surface by Nd:YAG laser and incorporating silver nanoparticles: in vitro study. Lasers in Dental Science, 2020, 4, 7-16.	0.6	0
40	Optoelectronic properties of n-Ag ₂ S nanotubes/p-Si heterojunction photodetector prepared by chemical bath deposition technique: An effect of deposition time. Surfaces and Interfaces, 2020, 21, 100753.	3.0	12
41	Structural and optical properties of Ag ₂ S nanotubes prepared by laser ablation in liquid. IOP Conference Series: Materials Science and Engineering, 2020, 757, 012027.	0.6	2
42	Modifications of Hydroxyapatite properties by nanosecond Nd: YAG laser pulses. Lasers in Manufacturing and Materials Processing, 2020, 7, 305-316.	2.2	4
43	Fabrication and characterization of high photosensitivity CuS/porous silicon heterojunction photodetector. Optik, 2020, 221, 165339.	2.9	14
44	Novel route to prepare lanthanum oxide nanoparticles for optoelectronic devices. International Journal of Modern Physics B, 2020, 34, 2050134.	2.0	5
45	High-responsivity hybrid $\text{Ag}_2\text{S}/\text{Si}$ photodetector prepared by pulsed laser ablation in liquid. Beilstein Journal of Nanotechnology, 2020, 11, 1596-1607.	2.8	16
46	Effect of molar concentration of CuCl ₂ on the characteristics of Cu ₂ S film. Optical and Quantum Electronics, 2020, 52, 1.	3.3	5
47	Deposition geometry effect on structural, morphological and optical properties of Nb ₂ O ₅ nanostructure prepared by hydrothermal technique. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	36
48	Antibacterial and cytotoxic activities of cerium oxide nanoparticles prepared by laser ablation in liquid. Environmental Science and Pollution Research, 2020, 27, 30479-30489.	5.3	30
49	Some critical issues on the structural properties of Nb ₂ O ₅ nanostructure film deposited by hydrothermal technique. AIP Conference Proceedings, 2020, , .	0.4	25
50	Preparation and characterization of carbon nanotubes by pulsed laser ablation in water for optoelectronic application. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 119, 113997.	2.7	73
51	Synthesis of ZnO nanorods on a silicon substrate via hydrothermal route for optoelectronic applications. Optical and Quantum Electronics, 2020, 52, 1.	3.3	60
52	Photovoltaic properties of ITO/p-Si heterojunction prepared by pulsed laser deposition. International Journal of Modern Physics B, 2020, 34, 2050321.	2.0	4
53	Synthesis of Cadmium Oxide/Si Heterostructure for Two-Band Sensor Application. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1337-1343.	1.5	53
54	Growth of Nb ₂ O ₅ film using hydrothermal method: effect of Nb concentration on physical properties. Materials Research Express, 2019, 6, 116429.	1.6	60

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55	Visible-enhanced silver-doped PbI ₂ nanostructure/Si heterojunction photodetector: effect of doping concentration on photodetector parameters. <i>Optical and Quantum Electronics</i> , 2019, 51, 1.	3.3	22
56	Improved growth conditions of pulsed laser-deposited PbI ₂ nanostructure film: towards high-photosensitivity PbI ₂ /CNTs/Si photodetectors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20850-20859.	2.2	7
57	Laser-synthesised Ag ₂ S nanoparticles in liquid: effect of laser fluence on structural and optical properties. <i>Materials Research Express</i> , 2019, 6, 125026.	1.6	5
58	Effect of light induced heat treatment on the structural and morphological properties of Linbo ₃ thin films. <i>Superlattices and Microstructures</i> , 2019, 128, 67-75.	3.1	49
59	High-performance nanostructured p-Cu ₂ S/n-Si photodetector prepared by chemical bath deposition technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 11807-11818.	2.2	23
60	Elicitation of barrier height of rapid thermal annealed Bi-nSi Schottky photodetector using various methods: A comparative study. <i>Optik</i> , 2019, 188, 46-51.	2.9	1
61	Effect of substrate temperature on the characteristic of p-PbI ₂ /n-Si heterojunction grown by pulsed laser deposition technique. <i>Materials Science in Semiconductor Processing</i> , 2019, 99, 165-174.	4.0	16
62	Effect of dipping time on the properties of Sb ₂ S ₃ /Si heterojunction prepared by chemical bath deposition. <i>Materials Research Express</i> , 2019, 6, 045915.	1.6	12
63	Hybrid p-Au@PbI ₂ /n-Si heterojunction photodetector prepared by pulsed laser ablation in liquid. <i>Optik</i> , 2019, 183, 933-941.	2.9	12
64	Preparation and Characterization of CeO ₂ @Ag Core/Shell Nanoparticles by Pulsed Laser Ablation in Water. <i>Lasers in Manufacturing and Materials Processing</i> , 2019, 6, 126-135.	2.2	9
65	Hybrid CdS nanowires/Si heterostructure photodetector fabricated by intense pulsed light assisted - laser ablation in liquid. <i>Optical and Quantum Electronics</i> , 2019, 51, 1.	3.3	5
66	Pulsed laser deposition of nanostructured MgO film: effect of laser fluence on the structural and optical properties. <i>Materials Research Express</i> , 2019, 6, 075007.	1.6	8
67	Fabrication of high photosensitivity nanostructured n-Fe ₂ O ₃ /p-Si heterojunction photodetector by rapid thermal oxidation of chemically sprayed FeS ₂ film. <i>Materials Research Express</i> , 2019, , .	1.6	1
68	Preparation and Characteristics Study of Polystyrene/Porous Silicon Photodetector Prepared by Electrochemical Etching. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1100-1110.	3.7	9
69	Critical methanol to ethanol volume ratio effect on the electrodeposition of DLC films. <i>Optik</i> , 2019, 179, 29-36.	2.9	4
70	Effect of laser energy on the properties of nanostructured lead iodide film prepared via pulsed laser deposition technique. <i>Optik</i> , 2019, 176, 206-213.	2.9	13
71	Increasing the Silicon Solar Cell Efficiency with Nanostructured SnO ₂ Anti-reflecting Coating Films. <i>Silicon</i> , 2019, 11, 543-548.	3.3	18
72	The Influence of Temperature on the structural and optical properties of Sb ₂ S ₃ thin films prepared by chemical bath deposition method. <i>Tikrit Journal of Pure Science</i> , 2019, 24, 79.	0.1	0

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73	Study an Effect of Thiourea Concentration on the Structural, Optical and Electrical Properties of (Cu ₂ S) film Prepared by Chemical Bath Deposition (CBD). Kirkuk University Journal-Scientific Studies, 2019, 14, 97-115.	0.2	1
74	Study the Effect Thiourea Concentration to (Cu ₂ S/Si) Heterojunction Photodetector by Chemical Bath Deposition (CBD). Kirkuk University Journal-Scientific Studies, 2019, 14, 209-228.	0.2	0
75	Preparation and characteristics study of CdS/macroporous silicon/c-Si double heterojunction photodetector by spray pyrolysis technique. Optik, 2018, 168, 302-312.	2.9	14
76	New route for cadmium sulfide nanowires synthesis via pulsed laser ablation of cadmium in thiourea solution. Materials Research Express, 2018, 5, 025017.	1.6	11
77	Preparation of multi-walled carbon nanotubes/n-Si heterojunction photodetector by arc discharge technique. Optik, 2018, 164, 395-401.	2.9	9
78	Effect of spraying time on the structural and electrical properties of InAs nanowires. Applied Nanoscience (Switzerland), 2018, 8, 2057-2064.	3.1	1
79	Synthesis of hybrid Au@PbI ₂ core-shell nanoparticles by pulsed laser ablation in ethanol. Materials Research Express, 2018, 5, 115024.	1.6	10
80	Synthesis of Au nanoparticles decorated CdS nanowires via laser ablation in liquid for optoelectronic applications. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	11
81	Electrophoretic deposition of hydroxyapatite shrimp crusts nanocomposite thin films for bone implant studies. IET Nanobiotechnology, 2018, 12, 714-721.	3.8	2
82	Synthesis of SiC nanoparticles by SHG 532nm Nd:YAG laser ablation of silicon in ethanol. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	33
83	Effect of Laser Fluence on the Structural, Morphological and Optical Properties of 2H-PbI ₂ Nanoparticles Prepared by Laser Ablation in Ethanol. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 2365-2374.	3.7	18
84	Decoration of copper oxide nanoplatelets with gold nanoparticles by laser ablation in methanol for photodetection applications. Optical and Quantum Electronics, 2018, 50, 1.	3.3	10
85	Preparation of n-ZnO/p-Si heterojunction photodetector via rapid thermal oxidation technique: effect of oxidation time. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	10
86	Preparation of low cost n-ZnO/MgO/p-Si heterojunction photodetector by laser ablation in liquid and spray pyrolysis. Materials Research Express, 2018, 5, 055018.	1.6	38
87	Preparation of silver iodide nanoparticles using laser ablation in liquid for antibacterial applications. IET Nanobiotechnology, 2018, 12, 781-786.	3.8	55
88	Preparation and characteristics study of nano-porous silicon UV photodetector. Applied Nanoscience (Switzerland), 2017, 7, 9-15.	3.1	51
89	Preparation and properties of polystyrene incorporated with gold and silver nanoparticles for optoelectronic applications. Applied Nanoscience (Switzerland), 2017, 7, 109-116.	3.1	42
90	Preparation and characteristics study of CuAlO ₂ /Si heterojunction photodetector by pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2017, 28, 6889-6896.	2.2	9

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91	Effect of nitrogen pressure on the performance of a-C:N/p-Si photodetector prepared by pulsed laser deposition. <i>Optik</i> , 2017, 139, 328-337.	2.9	8
92	Synthesis and characterization of nanostructured LiNbO ₃ films with variation of stirring duration. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 11813-11822.	2.2	42
93	Micro and Nano Laser Pulses for Melting and Surface Alloying of Aluminum with Copper. <i>Lasers in Manufacturing and Materials Processing</i> , 2017, 4, 24-35.	2.2	4
94	New trends in ZnO nanoparticles/n-Si heterojunction photodetector preparation by pulsed laser ablation in ethanol. <i>Optik</i> , 2017, 147, 391-400.	2.9	12
95	Preparation and characterization of aluminum oxide nanoparticles by laser ablation in liquid as passivating and anti-reflection coating for silicon photodiodes. <i>Applied Nanoscience (Switzerland)</i> , 2017, 7, 477-487.	3.1	53
96	Laser ablation of Au@CuO core-shell nanocomposite in water for optoelectronic devices. <i>Materials Research Express</i> , 2017, 4, 125020.	1.6	12
97	Preparation and characteristics study of diamond like carbon/silicon heterojunction photodetector by pulsed laser deposition. <i>Optical and Quantum Electronics</i> , 2017, 49, 1.	3.3	7
98	Characterization of high photosensitivity nanostructured 4H-SiC/p-Si heterostructure prepared by laser ablation of silicon in ethanol. <i>Materials Science in Semiconductor Processing</i> , 2017, 68, 252-261.	4.0	46
99	Study of the Effect of Incorporation of CdS Nanoparticles on the Porous Silicon Photodetector. <i>Silicon</i> , 2017, 9, 321-326.	3.3	47
100	Construction and temporal behaviour study of multi RLC intense light pulses for dermatological applications. <i>Journal of Cosmetic and Laser Therapy</i> , 2017, 19, 325-333.	0.9	1
101	Preparation of iron oxide nanoparticles by laser ablation in DMF under effect of external magnetic field. <i>International Journal of Modern Physics B</i> , 2016, 30, 1650094.	2.0	16
102	Preparation of high-sensitivity In ₂ S ₃ /Si heterojunction photodetector by chemical spray pyrolysis. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	49
103	Synthesis of PbI ₂ nanoparticles by laser ablation in methanol. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10696-10700.	2.2	39
104	Effect of multiwalled carbon nanotubes incorporation on the performance of porous silicon photodetector. <i>Optik</i> , 2016, 127, 8144-8152.	2.9	10
105	Synthesis of diamond-like carbon films by electro-deposition technique for solar cell applications. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	14
106	Preparation of colloidal lead sulfide nanoparticles by laser ablation in water for optoelectronic devices applications. <i>High Energy Chemistry</i> , 2015, 49, 58-63.	0.9	3
107	Antibacterial activity of magnetic iron oxide nanoparticles synthesized by laser ablation in liquid. <i>Materials Science and Engineering C</i> , 2015, 53, 286-297.	7.3	188
108	ANNEALING TIME EFFECT ON NANOSTRUCTURED n-ZnO/p-Si HETEROJUNCTION PHOTODETECTOR PERFORMANCE. <i>Surface Review and Letters</i> , 2015, 22, 1550027.	1.1	12

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109	Effect of laser fluence on the characteristics of CdSe nanoparticles prepared by laser ablation in methanol. High Energy Chemistry, 2015, 49, 438-448.	0.9	4
110	Characterization of CdS nanoparticles prepared by laser ablation in methanol. Journal of Materials Science: Materials in Electronics, 2015, 26, 9853-9858.	2.2	10
111	Preparation of n-ZnO/p-Si solar cells by oxidation of zinc nanoparticles: effect of oxidation temperature on the photovoltaic properties. Applied Physics A: Materials Science and Processing, 2014, 117, 1977-1984.	2.3	38
112	Effect of pH on the structural and optical properties of nanostructured CdO films grown by chemical bath deposition technique. Micro and Nano Letters, 2014, 9, 935-939.	1.3	9
113	Effect of rapid thermal annealing on the characteristics of amorphous carbon/n-type crystalline silicon heterojunction solar cells. Materials Science in Semiconductor Processing, 2014, 21, 194-199.	4.0	39
114	Effect of electric field on the properties of bismuth oxide nanoparticles prepared by laser ablation in water. Journal of Materials Science: Materials in Electronics, 2014, 25, 1435-1440.	2.2	33
115	Synthesis and characterization of diamond-like carbon film on silicon by electrodeposition from solution of ethanol and methanol. Materials Science in Semiconductor Processing, 2014, 27, 461-467.	4.0	11
116	Preparation of colloidal cadmium selenide nanoparticles by pulsed laser ablation in methanol and toluene. Journal of Materials Science: Materials in Electronics, 2014, 25, 3190-3194.	2.2	13
117	Effect of Nd:YAG laser irradiation on the characteristics of porous silicon photodetector. International Nano Letters, 2013, 3, 1.	5.0	4
118	Preparation of a silicon heterojunction photodetector from colloidal indium oxide nanoparticles. Optics and Laser Technology, 2013, 51, 1-4.	4.6	7
119	Preparation and characterization of nanostructured nickel oxide thin films by spray pyrolysis. Applied Nanoscience (Switzerland), 2013, 3, 509-514.	3.1	39
120	Characteristics of nanostructured CdO/Si heterojunction photodetector synthesized by CBD. Solid-State Electronics, 2013, 82, 115-121.	1.4	54
121	Characterization of nanostructured hydroxyapatite prepared by Nd:YAG laser deposition. Materials Science and Engineering C, 2013, 33, 47-52.	7.3	41
122	EFFECT OF ETCHING TIME ON THE CHARACTERISTICS OF LOW RESISTIVITY POROUS Si DEVICES. Modern Physics Letters B, 2013, 27, 1350217.	1.9	6
123	Effect of rapid thermal annealing on properties of thermally evaporated nanostructured CdTe thin film treated with CdCl ₂ . Materials Science in Semiconductor Processing, 2012, 15, 159-164.	4.0	4
124	Preparation and characterization of colloidal ZnO nanoparticles using nanosecond laser ablation in water. Applied Nanoscience (Switzerland), 2011, 1, 45-49.	3.1	66
125	Preparation of nanocrystalline Cu ₂ O thin film by pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2011, 22, 1244-1247.	2.2	38
126	Synthesis and characterization of nanostructured SnO ₂ film. Journal of Materials Science: Materials in Electronics, 2011, 22, 1681-1684.	2.2	1

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127	ISOTYPE SnO ₂ /Si HETEROJUNCTION MADE BY RAPID PHOTOTHERMAL OXIDATION OF Sn. International Journal of Modern Physics B, 2011, 25, 3381-3389.	2.0	3
128	Fabrication and Characterization of Photodetector Based on Porous Silicon. E-Journal of Surface Science and Nanotechnology, 2010, 8, 388-391.	0.4	34
129	Improved characteristics of sprayed CdO films by rapid thermal annealing. Journal of Materials Science: Materials in Electronics, 2009, 20, 1219-1224.	2.2	36
130	Characteristics of p-Cu ₂ O/n-Si Heterojunction Photodiode made by Rapid Thermal Oxidation. Journal of Semiconductor Technology and Science, 2009, 9, 51-54.	0.4	41
131	Studies on fabrication and characterization of a high-performance Al-doped ZnO/n-Si (1% Al) heterojunction photodetector. Semiconductor Science and Technology, 2008, 23, 075030.	2.0	36
132	Spray Pyrolysis Deposition of .ALPHA.-Fe ₂ O ₃ Thin Film. E-Journal of Surface Science and Nanotechnology, 2008, 6, 96-98.	0.4	6
133	Pulsed Laser Deposition of Crystalline Cd ₂ SnO ₄ Thin Film. E-Journal of Surface Science and Nanotechnology, 2007, 5, 152-154.	0.4	8
134	A new route for fabricating CdO/c-Si heterojunction solar cells. Solar Energy Materials and Solar Cells, 2007, 91, 903-907.	6.2	64
135	Optoelectronic characteristics of NMOS silicon photodetector made by rapid thermal oxidation. Solid-State Electronics, 2007, 51, 817-819.	1.4	3
136	Optoelectronic properties of CdTe/Si heterojunction prepared by pulsed Nd:YAG-laser deposition technique. Materials Science in Semiconductor Processing, 2007, 10, 19-23.	4.0	40
137	Transparent and conducting ZnO films prepared by reactive pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2007, 18, 397-400.	2.2	28
138	High transmittance/low resistivity cadmium oxide films grown by reactive pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2007, 18, 1027-1030.	2.2	37
139	Characteristics of Bismuth trioxide film prepared by rapid thermal oxidation. E-Journal of Surface Science and Nanotechnology, 2006, 4, 563-565.	0.4	13
140	Preparation and characteristics study of ZnO: (Al, Cu, I) thin films by chemical spray pyrolysis. E-Journal of Surface Science and Nanotechnology, 2006, 4, 636-639.	0.4	9
141	Ge/Si heterojunction photodetector for 1.064 μm laser pulses. Journal of Materials Science: Materials in Electronics, 2006, 17, 643-646.	2.2	2
142	Optoelectronic properties n:CdS:In/p-Si heterojunction photodetector. Journal of Materials Science: Materials in Electronics, 2006, 17, 819-824.	2.2	11
143	Some critical issues on structural and photovoltaic properties of Ge/Si heterojunction. Materials Letters, 2006, 60, 2352-2356.	2.6	3
144	Amorphous/Crystalline (n-n) Si Heterojunction Photodetector Made by Q-Switched 0.532-mm Laser Pulses with Novel Technique. Chinese Physics Letters, 2006, 23, 370-373.	3.3	0

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145	CONSTRUCTION OF ANISOTYPE CdS/Si HETEROJUNCTION AND LINEUP USING I _a -V AND C _a -V MEASUREMENTS. Modern Physics Letters B, 2006, 20, 1833-1838.	1.9	1
146	Growth and Characterization of Cu ₂ O Films Made by Rapid Thermal Oxidation Technique. Chinese Physics Letters, 2005, 22, 2977-2979.	3.3	5
147	FULL CHARACTERIZATION AT 904 nm OF LARGE AREA Si ₃ N ₄ JUNCTION PHOTODETECTORS PRODUCED BY LID TECHNIQUE. International Journal of Modern Physics B, 2005, 19, 4619-4628.	2.0	2
148	PREPARATION AND CHARACTERIZATION OF In ₂ O ₃ THIN FILMS FOR OPTOELECTRONIC APPLICATIONS. Surface Review and Letters, 2005, 12, 515-518.	1.1	45
149	PREPARATION AND PHOTOVOLTAIC PROPERTIES OF Ag ₂ O/Si ISOTYPE HETEROJUNCTION. Surface Review and Letters, 2005, 12, 299-303.	1.1	44