

Rahmat Hidayat

List of Publications by Year in descending order

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129
papers

1,581
citations

304368
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all docs

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docs citations

129
times ranked

1297
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and optical characteristics of Eu ³⁺ ions in sodium-lead-zinc-lithium-borate glass system. <i>Journal of Molecular Structure</i> , 2016, 1121, 180-187.	1.8	117
2	Influences of dopant concentration in sol-gel derived AZO layer on the performance of P3HT:PCBM based inverted solar cell. <i>Solar Energy Materials and Solar Cells</i> , 2013, 111, 181-188.	3.0	89
3	Optical Properties and Blue and Green Electroluminescence in Soluble Disubstituted Acetylene Polymers. <i>Japanese Journal of Applied Physics</i> , 1996, 35, L1138-L1141.	0.8	80
4	Microlasers and Micro-LEDs from Disubstituted Polyacetylene. <i>Advanced Materials</i> , 1998, 10, 869-872.	11.1	67
5	The characteristics of band structures and crystal binding in all-inorganic perovskite APbBr ₃ studied by the first principle calculations using the Density Functional Theory (DFT) method. <i>Results in Physics</i> , 2019, 15, 102592.	2.0	51
6	Time-resolved study of luminescence in highly luminescent disubstituted polyacetylene and its blend with poorly luminescent monosubstituted polyacetylene. <i>Physical Review B</i> , 2000, 61, 10167-10173.	1.1	50
7	Excitation Dynamics in Disubstituted Polyacetylene. <i>Physical Review Letters</i> , 1999, 82, 4058-4061.	2.9	47
8	Yellow and blue emission from BaO-(ZnO/ZnF ₂) B ₂ O ₃ TeO ₂ glasses doped with Dy ³⁺ for laser medium and scintillation material applications. <i>Optical Materials</i> , 2018, 85, 382-390.	1.7	45
9	Optical properties of disubstituted polyacetylene thin films. <i>Synthetic Metals</i> , 2001, 116, 95-99.	2.1	44
10	Spectroscopic study of Nd ³⁺ ion-doped Zn-Al-Ba borate glasses for NIR emitting device applications. <i>Optical Materials</i> , 2020, 107, 110018.	1.7	43
11	Optical and X-ray induced luminescence of Sm ³⁺ -doped borotellurite and fluoroborotellurite glasses: A comparative study. <i>Journal of Luminescence</i> , 2019, 213, 19-28.	1.5	40
12	Exciton dynamics in disubstituted polyacetylenes. <i>Synthetic Metals</i> , 2001, 119, 597-598.	2.1	36
13	Optical properties and electroluminescence characteristics of polyacetylene derivatives dependent on substituent and layer structure. <i>Synthetic Metals</i> , 1997, 91, 283-287.	2.1	35
14	Tropical marine <i>Chlorella</i> sp. PP1 as a source of photosynthetic pigments for dye-sensitized solar cells. <i>Algal Research</i> , 2015, 10, 25-32.	2.4	35
15	Effect of Alkyl and Aromatic Substituents on Blue Electroluminescence in Polyacetylene Derivatives. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L302-L305.	0.8	34
16	Donor polymer (PAT6) - acceptor polymer (CNPPV) fractal network photocells. <i>Synthetic Metals</i> , 1997, 85, 1305-1306.	2.1	31
17	Optical properties of substituted phthalocyanine rare-earth metal complexes. <i>Journal of Applied Physics</i> , 2000, 88, 7137-7143.	1.1	31
18	Development of Sm ³⁺ doped ZnO-Al ₂ O ₃ -BaO-B ₂ O ₃ glasses for optical gain medium. <i>Journal of Non-Crystalline Solids</i> , 2018, 482, 86-92.	1.5	29

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19	Revealing the charge carrier kinetics in perovskite solar cells affected by mesoscopic structures and defect states from simple transient photovoltage measurements. Scientific Reports, 2020, 10, 19197.	1.6	29
20	Thermochromic effects in a Jahn–Teller active CuCl_6^{4-} layered hybrid system. Journal of Physics Condensed Matter, 2013, 25, 505901.	0.7	26
21	Spectral Narrowing of Emission in Di-substituted Polyacetylene. Japanese Journal of Applied Physics, 1997, 36, L1268-L1271.	0.8	25
22	Effect of Molecular Structure of Substituents on Green Electroluminescence in Disubstituted Acetylene Polymers. Japanese Journal of Applied Physics, 1997, 36, 3740-3743.	0.8	25
23	Structural and Optical Properties of Nd^{3+} Doped $\text{Na}_2\text{O}-\text{PbO}-\text{ZnO}-\text{Li}_2\text{O}-\text{B}_2\text{O}_3$ Glasses System. Key Engineering Materials, 0, 675-676, 424-429.		25
24	The co-pigmentation of anthocyanin isolated from mangosteen pericarp (<i>Garcinia Mangostana</i>) and Engineering, 2016, 107, 012061.	0.3	22
25	Metathesis Polymerization of 9-(10-Hexoxycarbonyl)anthrylacetylene. A Route to a Widely Conjugated Polyacetylene with Excellent Stability and Solubility. Macromolecules, 2000, 33, 4313-4315.	2.2	21
26	Fabrication and Characterization of Zinc Oxide-Based Electrospun Nanofibers for Mechanical Energy Harvesting. Journal of Nanotechnology in Engineering and Medicine, 2014, 5, .	0.8	19
27	IR emission of Er^{3+} ion-doped fluoroborotellurite glass for communication application. Journal of Non-Crystalline Solids, 2021, 566, 120849.	1.5	19
28	Characteristic of Thermally Reduced Graphene Oxide as Supercapacitors Electrode Materials. IOP Conference Series: Materials Science and Engineering, 2017, 196, 012034.	0.3	17
29	Electronic Properties and Electroluminescence of Monosubstituted Polyacetylenes and Their Mixtures with Disubstituted Polyacetylene. Japanese Journal of Applied Physics, 1999, 38, 931-935.	0.8	16
30	Optical properties of disubstituted acetylene polymers. , 1997, , .		14
31	Photoluminescence and Electroluminescence in Polymer Mixture of Poly(alkylphenylacetylene) and Poly(diphenylacetylene) Derivatives. Japanese Journal of Applied Physics, 1998, 37, L180-L183.	0.8	13
32	Synthesis and properties of a soluble and widely conjugated polyacetylene with anthryl pendant. Journal of Polymer Science Part A, 2000, 38, 4717-4723.	2.5	13
33	Tunable optical properties of conducting polymers infiltrated in synthetic opal as photonic crystal. Synthetic Metals, 2001, 121, 1459-1462.	2.1	13
34	Intra- and inter-chain polaron diffusion in regio-random polythiophene studied by muon spin relaxation. Physica B: Condensed Matter, 2010, 405, S381-S383.	1.3	13
35	Understanding the role of organic cations on the electronic structure of lead iodide perovskite from their UV photoemission spectra and their electronic structures calculated by DFT method. Materials Research Express, 2019, 6, 084009.	0.8	13
36	Influences of Interchain Interaction on Exciton Dynamics in Poly(3-alkylthiophene). Japanese Journal of Applied Physics, 2001, 40, 7103-7109.	0.8	12

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37	Revealing the limiting factors that are responsible for the working performance of quasi-solid state DSSCs using an ionic liquid and organosiloxane-based polymer gel electrolyte. <i>Ionics</i> , 2018, 24, 901-914.	1.2	12
38	The effect of acetonitrile as an additive on the ionic conductivity of imidazolium-based ionic liquid electrolyte and charge-discharge capacity of its Li-ion battery. <i>Ionics</i> , 2019, 25, 3661-3671.	1.2	12
39	Photoexcitations in disubstituted polyacetylene: solitons and polarons. <i>Synthetic Metals</i> , 2001, 116, 91-94.	2.1	11
40	^{13}C NMR study of electron radical dynamics in regio-regular polythiophene. <i>Journal of Physics: Conference Series</i> , 2010, 200, 052024.	0.3	11
41	Charge Carrier Dynamics of Active Material Solar Cell P3HT:ZnO Nanoparticles Studied by Muon Spin Relaxation (^1H NMR). <i>Advanced Materials Research</i> , 0, 896, 477-480.	0.3	11
42	Photoluminescence and Electroluminescence in Polyacetylene Derivatives. <i>Synthetic Metals</i> , 1999, 102, 1159.	2.1	10
43	Time-resolved optical and electrical study of second-order processes responsible for the formation of free polarons in conjugated polymers. <i>Physical Review B</i> , 2002, 66, .	1.1	10
44	Electrocatalytic Activation of a DSSC Graphite Composite Counter Electrode Using In Situ Polymerization of Aniline in a Water/Ethanol Dispersion of Reduced Graphene Oxide. <i>Journal of Electronic Materials</i> , 2020, 49, 3182-3190.	1.0	10
45	PI and el characteristics of mixture of polyacetylene derivatives and dynamics of excitons. <i>Synthetic Metals</i> , 1999, 101, 210-211.	2.1	9
46	Electroluminescence and photoluminescence characteristics of poly(disilanyleneoligophenylene)s and poly(disilanyleneoligothienylene)s. <i>Synthetic Metals</i> , 1999, 102, 1158.	2.1	9
47	^{13}C NMR Study of Charge Carrier Diffusion in Regioregular Poly(3-Butylthiophene-2,5-Diyl). <i>Physics Procedia</i> , 2012, 30, 97-100.	1.2	9
48	Reduced Graphene Oxide/Polyaniline Nanocomposite as Efficient Counter Electrode for Dye Sensitized Solar Cells. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 384, 012040.	0.3	9
49	Enhanced efficiency in dye-sensitized solar cell by localized surface plasmon resonance effect of gold nanoparticles. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2019, 28, 1950040.	1.1	9
50	Comparative study on the ionic conductivities and redox properties of LiPF ₆ and LiTFSI electrolytes and the characteristics of their rechargeable lithium ion batteries. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 432, 012061.	0.3	8
51	Preparation of Fe ₂ O ₃ /TiO ₂ /graphene oxide composite as visible light-driven photocatalytic in degradation of rhodamine B dyes. <i>Materials Research Express</i> , 2019, 6, 126207.	0.8	8
52	Poly(ionic-liquid) from imidazoline-functionalized siloxane prepared by simple sol-gel route for efficient quasi-solid-state DSSC. <i>Materials Research Express</i> , 2019, 6, 075507.	0.8	8
53	Binding of europium complex to polymerizable macrocyclic molecules and its optical properties. <i>Optical Materials</i> , 2007, 29, 1367-1374.	1.7	7
54	Photovoltaic and Impedance Characteristics of Quasi Solid-State Dye-Sensitized Solar Cell Using Polymer Gel Electrolytes. <i>Advanced Materials Research</i> , 2015, 1112, 256-261.	0.3	7

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55	Glass medium doped rare earth for sensor material. Materials Today: Proceedings, 2018, 5, 15126-15130.	0.9	7
56	Luminescence and Judd-Ofelt analysis of Nd ³⁺ ion doped oxyfluoride boro-tellurite glass for near-infrared laser application. Materials Today: Proceedings, 2021, 43, 2655-2662.	0.9	7
57	Emission Characteristics of Poly[(tetraalkyldisilanylene)-p-oligophenylene]s. Japanese Journal of Applied Physics, 1997, 36, L1548-L1551.	0.8	6
58	Field and temperature dependent charge transport characteristics in regio-regular Poly(3-octylthiophene-2,5-diyl) studied by Muon Spin relaxation. Journal of Physics: Conference Series, 2010, 225, 012003.	0.3	6
59	Influences of Precursor Solution Concentration and Temperature on CH ₃ NH ₃ PbI ₃ Perovskite Layer Morphology and the Unconverted PbI ₂ Proportion to their Perovskite Solar Cell Characteristics. Journal of Physics: Conference Series, 2017, 877, 012046.	0.3	6
60	Ab-Initio Calculation of Electronic Structure of Lead Halide Perovskites with Formamidinium Cation as an Active Material for Perovskite Solar Cells. Journal of Physics: Conference Series, 2017, 877, 012054.	0.3	6
61	Controlled synthesis of lead-free perovskite Cs ₂ SnI ₆ as hole transport layer in dye sensitized solar cells. Journal of Physics: Conference Series, 2018, 1080, 012003.	0.3	6
62	Surface plasmon resonance effect of silver nanoparticles on the enhanced efficiency of inverted hybrid organic-inorganic solar cell. Journal of Nonlinear Optical Physics and Materials, 2018, 27, 1850017.	1.1	6
63	Siloxane based Organic-Inorganic Hybrid Polymers and their Applications for Nanostructured Optical/Photonic Components. ITB Journal of Engineering Science, 2012, 44, 207-219.	0.1	6
64	Charge Transfer in Fullerene-Conducting Polymer Composites: Electronic and Excitonic Properties. Fullerenes, Nanotubes, and Carbon Nanostructures, 1997, 5, 1359-1386.	0.6	5
65	Distributed feedback grating fabricated from hybrid polymer precursor gel by employing short-pulse laser interference for photopumped polymer laser applications. Polymers for Advanced Technologies, 2012, 23, 1264-1270.	1.6	5
66	The computation parameters optimizations for electronic structure calculation of LiPbI ₃ perovskite by the density functional theory method. IOP Conference Series: Materials Science and Engineering, 0, 434, 012026.	0.3	5
67	Platinum-free, carbon-based materials as efficient counter electrodes for dye-sensitized solar cells. Japanese Journal of Applied Physics, 2018, 57, 068001.	0.8	5
68	Development of Eu ³⁺ doped boro-tellurite oxyfluoride glass and their Judd-Ofelt analysis for red laser gain medium application. Materials Today: Proceedings, 2019, 17, 1815-1822.	0.9	5
69	Electronic Structure Calculations of Alkali Lead Iodide APbI ₃ (A=Li, Na, K, Rb or Cs) using Density Functional Theory (DFT) Method. Journal of Physics: Conference Series, 2019, 1204, 012107.	0.3	5
70	rGO based photo-anode in dye-sensitized solar cells (DSSC) and its photovoltaic characteristics. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012008.	0.3	5
71	Effect of Lead-Free Perovskite Cs ₂ SnI ₆ Addition in the Structure of Dye-Sensitized Solar Cell. Key Engineering Materials, 0, 860, 22-27.	0.4	5
72	The influences of interfacial recombination loss on the perovskite solar cell performance studied by transient photovoltage spectroscopy. Materials Science in Semiconductor Processing, 2021, 135, 106095.	1.9	5

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73	EMISSION ENHANCEMENT CHARACTERISTICS OF OXAZINE IN PMMA MATRIX INFLUENCED BY SURFACE PLASMON POLARITON INDUCED ON SINUSOIDAL SILVER GRATING. Journal of Nonlinear Optical Physics and Materials, 2012, 21, 1250013.	1.1	4
74	The Temperature Effect on the Working Characteristics of Solar Cells Based on Organometal Halide Perovskite Crystals. Journal of Physics: Conference Series, 2017, 877, 012043.	0.3	4
75	Efficient and Stable Photovoltaic Characteristics of Quasi-Solid State DSSC using Polymer Gel Electrolyte Based on Ionic Liquid in Organosiloxane Polymer Gels. Journal of Physics: Conference Series, 2018, 1011, 012020.	0.3	4
76	Photocurrent enhancement by incorporation of air-stable Cs ₂ SnI ₆ Perovskite in dye-sensitized solar cell. Journal of Physics: Conference Series, 2019, 1245, 012066.	0.3	4
77	Development of Optical Material Based on Glass Doped Rare Earth for Photonic Devices. Materials Today: Proceedings, 2021, 43, 2531-2537.	0.9	4
78	The effect of ionic liquid electrolyte concentrations in dye sensitized solar cell using gel electrolyte. AIP Conference Proceedings, 2014, , .	0.3	3
79	Study of Interfacial Charge Transfer Loss in Hybrid Solar Cells by Impedance Spectroscopy. Materials Science Forum, 0, 827, 162-167.	0.3	3
80	Evolution of Surface Plasmon Supermodes in Metal-Clad Microwire and Its Potential for Biosensing. Journal of Lightwave Technology, 2017, 35, 4684-4691.	2.7	3
81	Optical and physical properties of MnO ₂ doped soda-lime- barium-silicate glasses with industrial scales. Materials Today: Proceedings, 2018, 5, 15040-15043.	0.9	3
82	The physicochemical characteristic of biodegradable methylcellulose film reinforced with chicken eggshells. Materials Today: Proceedings, 2018, 5, 14836-14839.	0.9	3
83	Spectroscopy properties of Er ³⁺ ion doped ZnO-Al ₂ O ₃ -BaO-B ₂ O ₃ glass for photonic application. Materials Today: Proceedings, 2018, 5, 15076-15080.	0.9	3
84	Non-ohmic resistance effects of the AZO and TiZO as a blocking layer in dye-sensitized solar cells (DSSCs). Journal of Nonlinear Optical Physics and Materials, 2018, 27, 1850019.	1.1	3
85	Ab-initio calculation of APbI ₃ (A=Li, Na, K, Rb and Cs) perovskite crystal and their lattice constants optimization using density functional theory. Journal of Physics: Conference Series, 2019, 1170, 012023.	0.3	3
86	Optical Properties and Microcapillary Laser of Blue-Emissive π -Conjugated Polymers Based on 9,10-Dihydrophenanthrene Unit. Japanese Journal of Applied Physics, 2008, 47, 4724-4727.	0.8	2
87	Time-Resolved Photoluminescence Study and Microcapillary Laser of Blue-Emissive π -Conjugated Polymers Based on 9,10-Dihydrophenanthrene Unit. Japanese Journal of Applied Physics, 2009, 48, 082404.	0.8	2
88	Photovoltaic Characteristics of Inverted Bulk-Heterojunction Organic Solar Cells with Titanium Doped ZnO as their Electron Transport Layer. Advanced Materials Research, 2015, 1112, 251-255.	0.3	2
89	Fabrication and Characterization of Surface Plasmon Resonance Sensor with Tapered Optical Fiber Structure. Materials Science Forum, 2017, 886, 86-90.	0.3	2
90	Rolled Supercapacitor Device Model Using Carbon-Sheet as Electrodes in KCl Electrolyte System. Key Engineering Materials, 2020, 860, 53-58.	0.4	2

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91	The Cell Performances of DSSCs with ZnO Nanorod Electrodes. Materials Science Forum, 0, 1028, 168-172.	0.3	2
92	Spectral narrowing of photoluminescence and blue light-emitting diodes of poly(phenylene pyridine) derivatives. Synthetic Metals, 2001, 119, 601-602.	2.1	1
93	Effects of Substrate Temperature and External Poling Field on Molecular Orientation and Aggregation in Vacuum Deposited Photo Responsive DR1 Films. Journal of Nonlinear Optical Physics and Materials, 2003, 12, 213-219.	1.1	1
94	Fabrications and characterizations of dye-sensitized solar cells (DSSCs) with sol-gel derived gel electrolytes. , 2013, , .		1
95	Enhanced 1057 nm luminescence peak and radiative properties of laser pump Nd ³⁺ -doped sodium borate glasses. , 2015, , .		1
96	The Investigation of CuO_x Anode Interlayer Effect in Working Performance and Charge Carrier Transport in Hybrid Solar Cells with Inverted Structure. Macromolecular Symposia, 2015, 353, 121-127.	0.4	1
97	Investigation on the influences of layer structure and nanoporosity of light scattering TiO ₂ layer in DSSC. Journal of Physics: Conference Series, 2016, 739, 012134.	0.3	1
98	A simulation of surface plasmon resonance-based tapered fiber and sensing. Journal of Physics: Conference Series, 2017, 853, 012005.	0.3	1
99	Zinc Oxide/TiO ₂ Bilayer Heterojunction as a Working Electrode in Quasi Solid Dye Sensitized Solar Cells. IOP Conference Series: Materials Science and Engineering, 2017, 214, 012033.	0.3	1
100	Self-Assembly of ZnO-Nanorods and Its Performance in Quasi Solid Dye Sensitized Solar Cells. Journal of Physics: Conference Series, 2017, 877, 012023.	0.3	1
101	Fabrication and simulation of surface plasmon resonance (SPR)-based tapered fiber sensor for E. coli detection. Materials Today: Proceedings, 2018, 5, 14177-14182.	0.9	1
102	Fabrication of nanostructure grating polymer based coupling element for Surface Plasmon Resonance (SPR) sensors and its spectral reflectance characteristics. Journal of Physics: Conference Series, 2018, 1057, 012009.	0.3	1
103	Influences of Al dopant atoms to the structure and morphology of Al doped ZnO nanorod thin film. Journal of Physics: Conference Series, 2018, 1080, 012009.	0.3	1
104	Ab-Initio Computations of Electronic Structures of Methylammonium Lead Bromide/Iodide Perovskites as Wide Bandgap Active Materials in Solar Cells. Journal of Physics: Conference Series, 2018, 1057, 012004.	0.3	1
105	The Influence of Humid Atmosphere during the MAPbI ₃ Perovskite Layer Preparation on the Characteristics of Its Solar Cells. Journal of Physics: Conference Series, 2019, 1245, 012065.	0.3	1
106	A Preliminary result on the rGO functionalization as counter-electrode in dye-sensitized solar cells (DSSC). Journal of Physics: Conference Series, 2019, 1245, 012067.	0.3	1
107	Novel electrical and optical properties of discotic liquid crystals, substituted phthalocyanine rare-earth metal complexes. , 0, , .		0
108	Some Considerations On Photocurrent Characteristics Of Poly(alkylthiophene) And Photovoltaic Characteristics Of Poly(alkylthiophene)-ZnO Based Hybrid Solar Cells. , 2010, , .		0

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109	FABRICATION OF DISTRIBUTED FEEDBACK GRATING FROM HYBRID POLYMER WHICH EXHIBITS PHOTO-PUMPED LASING ACTION. International Journal of Nanoscience, 2010, 09, 307-310.	0.4	0
110	Simple Preparation of ZnO Nano-layer by Sol-Gel Method as Active Electrode in P3HT \wedge ZnO Heterojunction Solar Cell. , 2010, , .		0
111	Determination of the Dielectric Constant and the Thickness of Gold Film by SPR Technique. , 2010, , .		0
112	Influences of aluminum concentration to the characteristics of ZnO electron transport layer and its hybrid polymer solar cell. , 2012, , .		0
113	Preliminary study on the preparation of hybrid polymer gel electrolyte for lithium battery applications and its ac impedance characteristics. , 2013, , .		0
114	Effect of Solvent Used in the Preparation of Aluminum-Doped ZnO as Electron Acceptor Layer on the Characteristic of its Hybrid Solar Cell. Materials Science Forum, 2013, 737, 74-79.	0.3	0
115	Preliminary Study on the Photovoltaic and Impedance Characteristics of Dye Sensitized Solar Cell (DSSC) using Polymer Gel Electrolyte. Advanced Materials Research, 0, 896, 472-476.	0.3	0
116	Modeling and Calculation of Optical Amplification in One Dimensional Case of Laser Medium Using Finite Difference Time Domain Method. Journal of Physics: Conference Series, 2016, 739, 012100.	0.3	0
117	White Emission from Dy ³⁺ Doped Borate Glass and their Judd-Ofelt Analysis. , 2017, , .		0
118	Development of Glass for Radiation Shielding Material. , 2017, , .		0
119	Detection of Dye Molecules Adsorbed in a Mesoporous Layer by Surface Plasmon Resonance Spectroscopy and its Comparison with Simulation Results. Journal of Physics: Conference Series, 2018, 1057, 012002.	0.3	0
120	Reflectance spectra characteristics from an SPR grating fabricated by nano-imprint lithography technique for biochemical nanosensor applications. Journal of Physics: Conference Series, 2018, 1011, 012064.	0.3	0
121	Experimental Study of Acid Treatment Toward Characterization of Structural, Optical, and Morphological Properties of TiO ₂ -SnO ₂ Composite Thin Film. Journal of Physics: Conference Series, 2018, 1011, 012006.	0.3	0
122	Preparations of Organo-Lead Halide Perovskite Layers in Humid Air Atmosphere and their Characteristics. Journal of Physics: Conference Series, 2018, 1057, 012007.	0.3	0
123	Fabrications of Tapered Optical Fibers by Laser Induced Photopolymerization Technique. Journal of Physics: Conference Series, 2019, 1127, 012020.	0.3	0
124	Nonlinear Finite Element Method Analysis of After Fire Reinforced Concrete Beam Strengthened with Carbon Fiber Strip. Journal of Physics: Conference Series, 2019, 1175, 012019.	0.3	0
125	Photovoltaic Characterization of Hybrid Bulk Heterojunction Solar Cell Incorporated Gold Nanoparticles Embedded in Active Layer. Key Engineering Materials, 0, 860, 34-41.	0.4	0
126	Stacking Cell Model Supercapacitor Asymmetry with Multilayer Reduced Graphene Oxide Films Fabricated Using UV Oven Spraying Technique. Materials Science Forum, 0, 1028, 127-132.	0.3	0

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127	Comparison of Optical Characteristics of GO-PANI Composite in Solution and Thin Film. Materials Science Forum, 0, 1028, 285-290.	0.3	0
128	Multilayer Reduced Graphene Oxide Deposited on Carbon Sheet as Electrodes for Supercapacitor Device. Materials Science Forum, 0, 1028, 157-161.	0.3	0
129	Calculation of spectra and plasmon wave distribution in one-dimensional periodic structure. Journal of Physics: Conference Series, 2022, 2243, 012088.	0.3	0