

# Anna Zawadzka

## List of Publications by Year in descending order

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83  
papers

1,200  
citations

394421

19  
h-index

395702

33  
g-index

85  
all docs

85  
docs citations

85  
times ranked

1027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear and nonlinear optical properties of Manganese bis-(8-hydroxyquinoline) thin films for optoelectronic devices: experimental and computational studies. <i>Journal of Molecular Structure</i> , 2022, 1249, 131558.	3.6	19
2	Structural and optical properties of DCM thin films prepared by PVD. <i>Materials Today: Proceedings</i> , 2022, 66, 63-67.	1.8	4
3	Photoluminescence and nonlinear optical properties of Nickel bis-(8-hydroxyquinoline) thin film. <i>Materials Chemistry and Physics</i> , 2022, 284, 126031.	4.0	10
4	Absorbance and photoluminescence study of pomegranate for dye-sensitized solar cells. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	4
5	Optical and electronic properties of the natural Alizarin dye: Theoretical and experimental investigations for DSSCs application. <i>Optical Materials</i> , 2022, 127, 112113.	3.6	14
6	Photoluminescence properties of Reactive Red 141 for organic light-emitting diode (OLED). , 2022, , .		1
7	Study of photophysical properties of Cdq2 thin film. <i>Materials Today: Proceedings</i> , 2022, 66, 202-204.	1.8	3
8	Experimental and computational analysis of the Linear and Nonlinear optical properties of Magnesium bis-(8-hydroxyquinoline) thin film. <i>Journal of Alloys and Compounds</i> , 2022, 921, 165947.	5.5	10
9	Photoluminescence and nonlinear optical properties of triple stranded helicates based metallo-supramolecular architectures. <i>Dyes and Pigments</i> , 2021, 186, 109036.	3.7	24
10	Optical and morphological properties of Curcuma longa dye for dye-sensitized solar cells. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57860-57871.	5.3	18
11	Time-resolved photoluminescence and optical properties of a specific organic azo dye. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	3.3	10
12	Penta(zinc porphyrin)[60]fullerenes: Strong reverse saturable absorption for optical limiting applications. <i>Applied Surface Science</i> , 2020, 533, 147468.	6.1	72
13	Transition metals induce control of enhanced NLO properties of functionalized organometallic complexes under laser modulations. <i>Scientific Reports</i> , 2020, 10, 15292.	3.3	30
14	Optical properties of Red pigment for Dye Sensitized Solar Cells. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 948, 012021.	0.6	6
15	Effect of Ar Gas Pressure on LSPR Property of Au Nanoparticles: Comparison of Experimental and Theoretical Studies. <i>Nanomaterials</i> , 2020, 10, 1071.	4.1	11
16	Properties and applications of hybrid organic-inorganic halide perovskites thin films. , 2020, , .		4
17	Photophysical Properties of Metal Halide Perovskite Thin Films. , 2019, , .		1
18	Preliminary Study of Adhesive Properties of Surface Adsorbed Human Serum Albumin and Transforming Growth Factor- $\beta$ Evaluated with AFM Force Spectroscopy. , 2019, , .		0

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19	Optical properties of chiral single-walled carbon nanotubes thin films. <i>Optical Materials</i> , 2019, 96, 109295.	3.6	16
20	Fast and Small Electronics Adapted to a Various Quantum Experiments. , 2019, , .		0
21	Physical Properties of Yellow Natural Moroccan Dye. , 2019, , .		2
22	Selected Organometallic Compounds for Third Order Nonlinear Optical Application. <i>Nanomaterials</i> , 2019, 9, 254.	4.1	34
23	Influence of Polymer Matrix on Nonlinear Optical Response in Octaethylporphine Palladium Derivative Thin Films. , 2019, , .		0
24	Temperature Dependent Conductivity of Thin Films Perovskite Obtained by PVD Method. , 2019, , .		0
25	Characterization and third harmonic generation calculations of undoped and doped spin-coated multilayered CuO thin films. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 124, 60-66.	4.0	27
26	Investigation of thermal properties and energy harvesting of the $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{1-x}\text{Ti}_x\text{O}_3$ perovskite single crystals. <i>Thermochimica Acta</i> , 2019, 672, 118-125.	2.7	10
27	Water Nanodroplet on a Hydrocarbon "Carpet" The Mechanism of Water Contact Angle Stabilization by Airborne Contaminations on Graphene, Au, and PTFE Surfaces. <i>Langmuir</i> , 2019, 35, 420-427.	3.5	17
28	Diagnostic and control of linear and nonlinear optical effects in selected self-assembled metallophthalocyanine chlorides nanostructures. <i>Dyes and Pigments</i> , 2018, 157, 151-162.	3.7	40
29	Nonlinear Optical Properties of Oxide Thin Films. , 2018, , .		0
30	The Impact of Lighting on Electrical Properties of Metals and 8-hydroxyquinoline Complexes Thin Films. , 2018, , .		2
31	Theoretical and experimental investigation of multifunctional highly conjugated organic push-pull ligands for NLO applications. <i>Optical Materials</i> , 2018, 86, 304-310.	3.6	16
32	NLO properties of a triphenylguanidine salt: The importance of pseudo-symmetry. <i>Optical Materials</i> , 2018, 84, 606-613.	3.6	14
33	Nonlinear optical properties of some selected highly conjugated molecules based on TTF for optoelectronics applications. , 2017, , .		1
34	Sol-gel synthesized ZnO for optoelectronics applications: a characterization review. <i>Materials Research Express</i> , 2017, 4, 122001.	1.6	37
35	Effect of UV irradiation on nonlinear optical response of azo-based iminopyridine rhenium complexes. , 2017, , .		0
36	Physical Vapor Deposition technique and its application to thin organometallic films. , 2017, , .		0

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37	Diagnostic on nonlinear optical response of neodymium (III) oxide thin films. , 2017, , .		0
38	Multimodal vibration damping using energy transfer. Optical and Quantum Electronics, 2016, 48, 1.	3.3	3
39	Selected methods of thin films deposition and their applications. , 2016, , .		1
40	Optical properties of MgO thin films grown by laser ablation technique. Optical and Quantum Electronics, 2016, 48, 1.	3.3	36
41	Single-Walled Carbon Nanotubes: Structural and optical properties. , 2016, , .		1
42	Third order nonlinear optical properties of organometal halide perovskite by means of the Z-scan technique. Chemical Physics Letters, 2016, 647, 7-13.	2.6	72
43	Studies of aluminum oxide thin films deposited by laser ablation technique. Optical Materials, 2016, 56, 49-57.	3.6	13
44	Synthesis, spectroscopic characterization, X-Ray analysis, and DFT-HF calculations of 5-ethoxymethyl-8-hydroxyquinoline. Optical and Quantum Electronics, 2016, 48, 1.	3.3	7
45	Linear and nonlinear optical properties of ZnO thin films deposited by pulsed laser deposition. Journal of Luminescence, 2016, 169, 483-491.	3.1	75
46	Study of ZnO thin film deposited by PVD. , 2015, , .		3
47	Photophysical properties of thin films containing metal and 8-hydroxyquinoline complexes. , 2015, , .		1
48	Optical properties of Al <sub>2</sub> O <sub>3</sub> thin film deposited by sol-gel technique. , 2015, , .		2
49	Optical and structural characterization of thin films containing metallophthalocyanine chlorides. Dyes and Pigments, 2015, 112, 116-126.	3.7	81
50	Transparent amorphous zinc oxide thin films for NLO applications. Optical Materials, 2014, 37, 327-337.	3.6	67
51	Impact of annealing process on stacking orientations and second order nonlinear optical properties of metallophthalocyanine thin films and nanostructures. Dyes and Pigments, 2014, 101, 212-220.	3.7	60
52	Temperature-dependent luminescence dynamics for ZnO thin films. Optical and Quantum Electronics, 2014, 46, 87-101.	3.3	25
53	Preamble: new development on advanced materials for photonics, sensing and energy applications. Optical and Quantum Electronics, 2014, 46, 1-5.	3.3	10
54	Study of small-molecule thin organic films deposited on porous silicon substrates. , 2014, , .		0

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55	NLO investigations of self-assembled organometallic thin films. , 2014, , .		0
56	Pulsed laser deposition (PLD) of hafnium oxide thin films. , 2014, , .		4
57	Admittance spectroscopy for planar and across measure configuration of metal/porous silicon/Si structures. , 2014, , .		2
58	Review of selected algorithms in the method energy evening algorithm in wireless sensor network. , 2014, , .		0
59	Structural and nonlinear optical properties of as-grown and annealed metallophthalocyanine thin films. Thin Solid Films, 2013, 545, 429-437.	1.8	77
60	Light-induced carriers in metal/porous silicon/p-Si structures. , 2013, , .		2
61	Structural and optical properties of as-grown and annealed Alq <sub>3</sub> thin films. , 2013, , .		0
62	Photophysical properties of Alq <sub>3</sub> thin films. Optical Materials, 2013, 36, 91-97.	3.6	53
63	Optical properties of MgO thin films on quartz substrate prepared by sol-gel method. , 2013, , .		0
64	Pulsed laser deposition of hafnium oxide on quartz substrate. , 2013, , .		3
65	Investigation of superfast deposition of metal oxide and Diamond-Like Carbon thin films by nanosecond Ytterbium (Yb <sup>+</sup> ) fiber laser. Optical Materials, 2013, 36, 53-59.	3.6	20
66	Photoluminescence spectra of porous silicon modified by copper phthalocyanine coating. , 2013, , .		0
67	Optical properties of metallophthalocyanine compounds thin films. , 2012, , .		2
68	The effects of annealing process influence on optical properties and the molecular orientation of selected organometallic compounds thin films. Optical Materials, 2012, 34, 1686-1691.	3.6	37
69	Photoluminescence of MgO thin films on Si (111) substrate, prepared by sol-gel method. , 2011, , .		1
70	Photoluminescence of electrochemically etched porous silicon coated with small-molecule based thin organic films. , 2011, , .		2
71	Laser ablation and thin film deposition. , 2011, , .		2
72	Study of photoadmittance and admittance of porous silicon layers. , 2011, , .		2

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73	Investigations of temperature dependent photoluminescence process in MgO thin films. , 2010, , .		2
74	Photoluminescence of ZnO thin films on Si substrate. , 2010, , .		1
75	The optical properties of hafnium oxide prepared by the pulsed laser deposition. , 2009, , .		0
76	Temperature dependent photoluminescence process in ZnO thin films grown on quartz by sol-gel method. , 2009, , .		2
77	Admittance spectroscopy and SPICE simulations for small-molecule based thin organic films. , 2009, , .		0
78	Time-of-flight repeller circuit application in laser ablation experiment. Surface and Coatings Technology, 2009, 203, 2328-2332.	4.8	20
79	Pulsed source of metal atoms and their compounds. Review of Scientific Instruments, 2005, 76, 026102.	1.3	2
80	Investigation of highly excited states of calcium by three-photon ionization. European Physical Journal D, 2004, 30, 15-22.	1.3	4
81	Three-photon resonances due to autoionizing states in calcium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 1801-1817.	1.5	18
82	The plasma phenomena in three-photon ionization of Ca. Journal Physics D: Applied Physics, 2000, 33, 41-53.	2.8	13
83	Real-time multichannel scaler measurement of oscillator instabilities. Review of Scientific Instruments, 2000, 71, 2577-2581.	1.3	16