

Qingxin Yang

List of Publications by Year in descending order

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76
papers

1,426
citations

471509

17
h-index

345221

36
g-index

76
all docs

76
docs citations

76
times ranked

1970
citing authors

#	ARTICLE	IF	CITATIONS
1	The Electronâ€™Hole Plasma Contributes to Both Plasmonic and Photonic Lasing from CH ₃ NH ₃ PbBr ₃ Nanowires at Room Temperature. Laser and Photonics Reviews, 2021, 15, 2000512.	8.7	14
2	Theoretical and experimental Raman study of molybdenum disulfide. Journal of Physics and Chemistry of Solids, 2021, 156, 110154.	4.0	1
3	Automatic Impedance Matching Method With Adaptive Network Based Fuzzy Inference System for WPT. IEEE Transactions on Industrial Informatics, 2020, 16, 1076-1085.	11.3	17
4	Directional Characteristics of Wireless Power Transfer via Coupled Magnetic Resonance. Electronics (Switzerland), 2020, 9, 1910.	3.1	8
5	Structure Electromagnetic Force Analysis of WPT System Under Fault Conditions. IEEE Access, 2020, 8, 152990-153000.	4.2	2
6	Analysis of Dynamic Characteristics of Foreign Metal Objects under Electromagnetic Force in High-Power Wireless Power Transfer. Energies, 2020, 13, 3881.	3.1	3
7	Position detection and route correction of electric vehicles by dynamic wireless charging. Ferroelectrics, 2020, 563, 103-117.	0.6	2
8	Ultrafast plasmonic lasing from a metal/semiconductor interface. Nanoscale, 2020, 12, 16403-16408.	5.6	18
9	Modeling and analysis of dynamic wireless charging for electric vehicles under different working scenarios. International Journal of Electrical Engineering and Education, 2020, , 002072092092854.	0.8	1
10	An Automatic Impedance Matching Method Based on the Feedforward-Backpropagation Neural Network for a WPT System. IEEE Transactions on Industrial Electronics, 2019, 66, 3963-3972.	7.9	41
11	Fluorescence temperature sensing based on thermally activated singlet-triplet intersystem crossing in crystalline anthracene. Journal of Applied Physics, 2019, 126, .	2.5	2
12	An optimal control design for bidirectional inductive power transfer system using dynamics identification. Integrated Ferroelectrics, 2019, 198, 80-90.	0.7	0
13	Pressure-dependent photoluminescence of CdSe/ZnS quantum dots: Critical point of different pressure regimes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1483-1486.	2.1	22
14	Mutual inductance calculation for coils with misalignment in wireless power transfer. Journal of Engineering, 2019, 2019, 1041-1044.	1.1	24
15	Realization of Perovskiteâ€™Nanowireâ€™Based Plasmonic Lasers Capable of Mode Modulation. Laser and Photonics Reviews, 2019, 13, 1800306.	8.7	32
16	Revealing the origin of excimer emission in anthracene crystals: The role of excitation wavelength and pressure. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 376, 263-268.	3.9	6
17	An Activity Determination Method of Crack Defects in Aluminum Plate and Steel Plate Based on EMAT. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	10
18	A Novel Coil With High Misalignment Tolerance for Wireless Power Transfer. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	74

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19	An analytical model of thermal performance for an eccentric heat source on a rectangular plate with double-sided convective cooling. AIP Advances, 2019, 9, 025002.	1.3	4
20	Analysis of Electromagnetic Force on Metal Objects in Vertical Direction of Wireless Power Transfer. , 2019, , .		5
21	Synchronous Enhancement for Responsivity and Response Speed in In ₂ Se ₃ Photodetector Modulated by Piezoresistive Effect. ACS Applied Materials & Interfaces, 2019, 11, 47098-47105.	8.0	29
22	Characterization of laser-driven shock compression by time-resolved Raman spectroscopy. Physica Scripta, 2019, 94, 015401.	2.5	4
23	Improved ant colony algorithm for adaptive frequency tracking control in WPT system. IET Microwaves, Antennas and Propagation, 2018, 12, 23-28.	1.4	16
24	Defect Detection in Cylindrical Cavity by Electromagnetic Ultrasonic Creeping Wave. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	1
25	Research on the Influence of Structural Parameters on Electromagnetic Force of Wireless Power Transfer. , 2018, , .		0
26	Influence of Misalignment of Electric Vehicle Wireless Charging System Coupling Structure on Magnetic Field Distribution. , 2018, , .		5
27	Characteristic Analysis of Electromagnetic Force in a High-Power Wireless Power Transfer System. Energies, 2018, 11, 3088.	3.1	5
28	Analysis of Adjustable Magnetic Fluid Damper in DC Magnetic Field for Spacecraft Applications. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	3
29	Revealing mechanisms of PL properties at high and low temperature regimes in CdSe/ZnS core/shell quantum dots. Journal of Applied Physics, 2018, 124, .	2.5	12
30	Comparative Study of Metal Obstacle Variations in Disturbing Wireless Power Transmission System. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	23
31	Finite element analysis for the inhibition of electromagnetic acoustic testing (EMAT) Lamb waves multi-modes. AIP Conference Proceedings, 2017, , .	0.4	2
32	Fluorescence spectral shift of QD films with electron injection: Dependence on counterion proximity. Chemical Physics Letters, 2017, 675, 81-84.	2.6	3
33	Measurement of Three-Dimensional Magnetic Properties With Feedback Control and Harmonic Compensation. IEEE Transactions on Industrial Electronics, 2017, 64, 2476-2485.	7.9	26
34	Detection of metal obstacles in wireless charging system of electric vehicle. , 2017, , .		13
35	High-frequency electromagnetic force characteristics on electromagnetic shielding materials in wireless power transmission system. , 2017, , .		4
36	Magnetic field analysis and optimum design of adjustable magnetic liquid damper. , 2017, , .		1

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37	Reversible Electrochemical Control over Photoexcited Luminescence of Core/Shell CdSe/ZnS Quantum Dot Film. <i>Nanoscale Research Letters</i> , 2017, 12, 626.	5.7	6
38	The research of suppressing motor noise and vibration based on negative magnetostrictive effect. , 2016, , .		1
39	Comparative study of metal obstacle variations in disturbing wireless power transmission system. , 2016, , .		2
40	Cooperative operating mode featuring tight-strong coupling for wireless power transmission. , 2016, , .		0
41	Coil Design and Efficiency Analysis for Dynamic Wireless Charging System for Electric Vehicles. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	2.1	92
42	Electromagnetic Vibration of Motor Core Including Magnetostriction Under Different Rotation Speeds. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	2.1	19
43	Modeling and Validation for Electromagneticâ€“Mechanical Synchronous Resonance via Wireless Power Transmission. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	2
44	Microscopic Mechanism and Experiment Research of Electromagnetically Induced Acoustic Emission. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	4
45	Research on Dynamic Vibration of Transformer With Wireless Power Transfer System Load. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	14
46	Analysis of electromagnetically induced acoustic emission under different magnetic field conditions. , 2014, , .		0
47	Influence Factors Analysis and Improvement Method on Efficiency of Wireless Power Transfer Via Coupled Magnetic Resonance. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-4.	2.1	39
48	Magnetoelastic Numerical Analysis of Permanent Magnet Synchronous Motor Including Magnetostriction Effects and Harmonics. <i>IEEE Transactions on Applied Superconductivity</i> , 2014, 24, 1-4.	1.7	7
49	Magnetic and vibration element analysis of PM motor under frequencies including magnetostriction. , 2014, , .		3
50	Design of Exciting Coil Integrating Electromagnetically Induced Acoustic Emission with Electromagnetic Ultrasonic Testing. , 2012, , .		0
51	Research on Simulation and Experiment of the Electromagnetically Induced Acoustic Emission Based on High-Current Loading. , 2012, , .		0
52	Research on Electromagnetically Acoustic Emission Signals Using Sample Entropy. , 2012, , .		1
53	Analysis of a Novel Near-Field Non-Radiative Wireless Power Transmission System. , 2011, , .		1
54	The application of non-contact power transmission technology (NPT) in the modern transport system. , 2010, , .		5

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55	Charge transfer excitons and image potential states on organic semiconductor surfaces. <i>Physical Review B</i> , 2009, 80, .	3.2	35
56	Exciton dynamics at interfaces of organic semiconductors. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 174, 116-124.	1.7	23
57	Charge-Transfer Excitons at Organic Semiconductor Surfaces and Interfaces. <i>Accounts of Chemical Research</i> , 2009, 42, 1779-1787.	15.6	351
58	Fiber Bragg grating photoacoustic detector for liquid chromatography. <i>Analyst, The</i> , 2008, 133, 1567.	3.5	14
59	Coulomb Barrier for Charge Separation at an Organic Semiconductor Interface. <i>Physical Review Letters</i> , 2008, 101, 196403.	7.8	153
60	Time-resolved photoacoustic spectroscopy using fiber Bragg grating acoustic transducers. <i>Optics Communications</i> , 2007, 276, 97-106.	2.1	16
61	Syntheses, structures and third-order non-linear optical properties of homometal clusters containing molybdenum. <i>Journal of Solid State Chemistry</i> , 2005, 178, 363-369.	2.9	8
62	Observation of upconversion fluorescence and stimulated emission based on three-photon absorption. <i>Applied Physics B: Lasers and Optics</i> , 2005, 80, 953-955.	2.2	5
63	Preparation and characterization of magadiite grafted with an azobenzene derivative. <i>Solid State Sciences</i> , 2004, 6, 1001-1006.	3.2	15
64	Syntheses of bisazo-containing polymethacrylates using atom transfer radical polymerization and the photoalignment behavior. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4237-4247.	2.3	27
65	Photoinduced birefringence properties of poly-Schiff bases containing triphenylamine. <i>Journal of Applied Polymer Science</i> , 2004, 94, 2274-2279.	2.6	2
66	Synthesis, crystal structure and third-order non-linear optical property of heterobimetallic cluster compound $[\text{MoO}(\text{Cu}_3\text{S}_3(2,2\text{-bipy})_2)]$. <i>Journal of Molecular Structure</i> , 2004, 690, 131-135.	3.6	11
67	Syntheses, structures and third-order nonlinear optical properties of heterometal and homometal clusters containing iron. <i>Polyhedron</i> , 2004, 23, 755-761.	2.2	11
68	Temperature dependence of photo-induced birefringence in azo-doped polymers containing different substitutions. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 1002-1006.	2.8	9
69	Synthesis, crystal structure and non-linear optical properties of a new cyanide-containing compound. <i>Journal of Coordination Chemistry</i> , 2004, 57, 1603-1609.	2.2	3
70	Synthesis and photoinduced birefringence of polymethacrylates with azo-substituted pyrazoline in the side chain. <i>Materials Chemistry and Physics</i> , 2003, 82, 246-252.	4.0	3
71	Hydrothermal synthesis, crystal structure and third-order non-linear optical property of a discrete decanuclear iodocuprate(I) $[\text{Cu}_{10}\text{H}_2\text{I}_{16}]^{4-}$ with $[\text{Ni}(\text{phen})_3]^{2+}$ as a template. <i>Journal of Solid State Chemistry</i> , 2003, 175, 152-158.	2.9	41
72	Hydrothermal synthesis, crystal structure and third-order non-linear optical property of a novel one-dimensional copper(I) cyanide-organodiimine coordination polymer $[\text{Cu}_6(\text{CN})_6(\text{phen})_4]_n$ (phen=1,10-phenanthroline). <i>Journal of Molecular Structure</i> , 2003, 658, 1-7.	3.6	30

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73	Synthesis and photo-induced birefringence of pyrazoline substituted azo-dyes in PMMA films. Optical Materials, 2003, 24, 445-452.	3.6	10
74	Polarized-light-controlled holographic recording in an azobenzene-doped polymer film. Applied Physics B: Lasers and Optics, 2001, 72, 855-858.	2.2	15
75	Optically controlled image storage in azobenzene liquid-crystalline polymer films. Applied Physics B: Lasers and Optics, 1999, 68, 1117-1120.	2.2	15
76	Naked-eye observations of visible spectra using a transmission-grating-based spectrometer. European Journal of Physics, 0, , .	0.6	0