

Feng Wen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,167
citations

687363

13
h-index

552781

26
g-index

42
all docs

42
docs citations

42
times ranked

877
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence-Enabled Sensing Technologies in the 5G/Internet of Things Era: From Virtual Reality/Augmented Reality to the Digital Twin. <i>Advanced Intelligent Systems</i> , 2022, 4, .	6.1	146
2	Tunable Continuous-Variable Tripartite Entanglement via Cascaded Third-Order Nonlinear Processes in a Ring Cavity. <i>Annalen Der Physik</i> , 2022, 534, 2100396.	2.4	0
3	A high-performance triboelectric-electromagnetic hybrid wind energy harvester based on rotational tapered rollers aiming at outdoor IoT applications. <i>IScience</i> , 2021, 24, 102300.	4.1	53
4	The role of tunable nonlinear dark resonances on vacuum Rabi splitting and optical bistability in an atom-cavity system. <i>Scientific Reports</i> , 2021, 11, 10503.	3.3	0
5	Controllable manipulation of composite multi-singularity vortex array. <i>Optics Communications</i> , 2021, 495, 127081.	2.1	12
6	AI enabled sign language recognition and VR space bidirectional communication using triboelectric smart glove. <i>Nature Communications</i> , 2021, 12, 5378.	12.8	208
7	Progress in TENG technology "A journey from energy harvesting to nanoenergy and nanosystem. <i>EcoMat</i> , 2020, 2, e12058.	11.9	194
8	Nonlinear optical induced lattice in atomic configurations. <i>Scientific Reports</i> , 2020, 10, 13396.	3.3	3
9	Talbot effect in nonparaxial self-accelerating beams with electromagnetically induced transparency. <i>Frontiers of Physics</i> , 2020, 15, 1.	5.0	9
10	Construct New Form of Maximally Nine-Qubit Entangled State Via Recurrence Relation. <i>International Journal of Theoretical Physics</i> , 2020, 59, 3979-3984.	1.2	2
11	Hydrophobic Surface Coating of Nanodiamonds by Polyglycerol-Based Polymers with Alkyl Chains for Dispersing in an Organic Solvent. <i>ChemNanoMat</i> , 2020, 6, 1332-1336.	2.8	3
12	An Enhancement-Mode Hydrogen-Terminated Diamond Field-Effect Transistor With Lanthanum Hexaboride Gate Material. <i>IEEE Electron Device Letters</i> , 2020, 41, 585-588.	3.9	52
13	Self-Powered Intuitive Control Interface Towards Diversified Gaming, AI, and Online Shopping Applications. , 2019, , .		1
14	Propagation Characteristics of Higher-Order Mixed-Pattern Solitons in Nonlinear Media. <i>Journal of Russian Laser Research</i> , 2019, 40, 530-539.	0.6	0
15	Fabrication of micro lens array on diamond surface. <i>AIP Advances</i> , 2019, 9, .	1.3	8
16	Beyond energy harvesting - multi-functional triboelectric nanosensors on a textile. <i>Nano Energy</i> , 2019, 57, 338-352.	16.0	173
17	Efficient and Tunable Photoinduced Honeycomb Lattice in an Atomic Ensemble. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800050.	8.7	20
18	Two-dimensional Talbot self-imaging via Electromagnetically induced lattice. <i>Scientific Reports</i> , 2017, 7, 41790.	3.3	17

#	ARTICLE	IF	CITATIONS
19	Three-dimensional supercritical resolved light-induced magnetic holography. Science Advances, 2017, 3, e1701398.	10.3	46
20	Controlled Correlation and Squeezing in $\text{Pr}^{3+}:\text{YSO}$ Crystal via Dressing Nonlinear Phase. Scientific Reports, 2016, 6, 25554.	3.3	10
21	Optically induced atomic lattice with tunable near-field and far-field diffraction patterns. Photonics Research, 2017, 5, 676.	7.0	27
22	Triple-mode squeezing with dressed six-wave mixing. Scientific Reports, 2016, 6, 25554.	3.3	10
23	Second-order self-imaging with parametric amplification four-wave mixing. Laser Physics Letters, 2016, 13, 075403.	1.4	6
24	Coherent and Incoherent Nonparaxial Self-Accelerating Weber Beams. IEEE Photonics Journal, 2016, 8, 1-9.	2.0	3
25	Switching Correlation and Noise Level in $\text{Pr}^{3+}:\text{YSO}$ Crystal via Dressing Nonlinear Phase. Scientific Reports, 2016, 6, 33568.	3.3	2
26	Dressed Gain from the Parametrically Amplified Four-Wave Mixing Process in an Atomic Vapor. Scientific Reports, 2015, 5, 15058.	3.3	33
27	Ultrafast optical transistor and router of multi-order fluorescence and spontaneous parametric four-wave mixing in $\text{Pr}^{3+}:\text{YSO}$. Optics Letters, 2015, 40, 4599.	3.3	24
28	Four-Photon Imaging with Thermal Light. Journal of the Physical Society of Japan, 2014, 83, 104402.	1.6	6
29	Multidressed suppression and enhancement of spontaneous parametric four-wave-mixing processes. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2384.	2.1	6
30	Switching enhancement and suppression of four-wave mixing via a dressing field. Journal of Modern Optics, 2011, 58, 802-809.	1.3	12