

# Xue-lin Wang

## List of Publications by Year in descending order

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219  
papers

3,435  
citations

218381

26  
h-index

197535

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220  
all docs

220  
docs citations

220  
times ranked

3170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of ion-implanted optical waveguides in optical materials: A review. <i>Optical Materials</i> , 2007, 29, 1523-1542.	1.7	288
2	Real-time mass spectrometric characterization of the solidâ€“electrolyte interphase of a lithium-ion battery. <i>Nature Nanotechnology</i> , 2020, 15, 224-230.	15.6	280
3	Over 14.5% efficiency and 71.6% fill factor of ternary organic solar cells with 300 nm thick active layers. <i>Energy and Environmental Science</i> , 2020, 13, 958-967.	15.6	198
4	Wide Bandgap Polymer with Narrow Photon Harvesting in Visible Light Range Enables Efficient Semitransparent Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2021, 31, 2107934.	7.8	133
5	Semitransparent organic solar cells exhibiting 13.02% efficiency and 20.2% average visible transmittance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6797-6804.	5.2	106
6	Escherichia coli and Candida albicans Induced Macrophage Extracellular Trap-Like Structures with Limited Microbicidal Activity. <i>PLoS ONE</i> , 2014, 9, e90042.	1.1	88
7	Antifungal activity of thymol against clinical isolates of fluconazole-sensitive and -resistant Candida albicans. <i>Journal of Medical Microbiology</i> , 2009, 58, 1074-1079.	0.7	81
8	Ternary Organic Photovoltaic Cells Exhibiting 17.59% Efficiency with Two Compatible Y6 Derivations as Acceptor. <i>Solar Rrl</i> , 2021, 5, 2100007.	3.1	81
9	In Situ Mass Spectrometric Determination of Molecular Structural Evolution at the Solid Electrolyte Interphase in Lithium-Ion Batteries. <i>Nano Letters</i> , 2015, 15, 6170-6176.	4.5	73
10	Coupled electronic and atomic effects on defect evolution in silicon carbide under ion irradiation. <i>Current Opinion in Solid State and Materials Science</i> , 2017, 21, 285-298.	5.6	57
11	Optical waveguides formed in Nd:YVO4 by MeV Si+ implantation. <i>Applied Physics Letters</i> , 2002, 80, 3473-3475.	1.5	49
12	The plant alkaloid piperine as a potential inhibitor of ethidium bromide efflux in Mycobacterium smegmatis. <i>Journal of Medical Microbiology</i> , 2011, 60, 223-229.	0.7	48
13	In vitro synergistic interactions of oleanolic acid in combination with isoniazid, rifampicin or ethambutol against Mycobacterium tuberculosis. <i>Journal of Medical Microbiology</i> , 2010, 59, 567-572.	0.7	46
14	Improving the Molecular Ion Signal Intensity for In Situ Liquid SIMS Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 2006-2013.	1.2	46
15	Formation of c-axis oriented ZnO optical waveguides by radio-frequency magnetron sputtering. <i>Optics Express</i> , 2005, 13, 5093.	1.7	45
16	A coupled effect of nuclear and electronic energy loss on ion irradiation damage in lithium niobate. <i>Acta Materialia</i> , 2016, 105, 429-437.	3.8	43
17	Organic photovoltaics with 300 nm thick ternary active layers exhibiting 15.6% efficiency. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9892-9898.	2.7	43
18	Investigation of Ionâ€“Solvent Interactions in Nonaqueous Electrolytes Using in Situ Liquid SIMS. <i>Analytical Chemistry</i> , 2018, 90, 3341-3348.	3.2	41

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19	Immune Cell Responses and Cytokine Profile in Intestines of Mice Infected with <i>Trichinella spiralis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2069.	1.5	40
20	Planar optical waveguides in $\hat{1}^2$ -BaB2O4 produced by oxygen ion implantation at low doses. <i>Applied Physics Letters</i> , 2004, 85, 1457-1459.	1.5	39
21	Optical channel waveguides in Nd:YVO4 crystal produced by O+ ion implantation. <i>Applied Physics Letters</i> , 2006, 88, 071123.	1.5	38
22	Model of refractive-index changes in lithium niobate waveguides fabricated by ion implantation. <i>Physical Review B</i> , 2007, 75, .	1.1	37
23	Optical properties of stoichiometric LiNbO3 waveguides formed by low-dose oxygen ion implantation. <i>Applied Physics Letters</i> , 2005, 86, 041103.	1.5	36
24	Ion-implanted waveguides in Nd3+-doped silicate glass and Er3+/Yb3+ co-doped phosphate glass. <i>Applied Surface Science</i> , 2002, 193, 92-101.	3.1	35
25	Low-loss planar and stripe waveguides in Nd3+-doped silicate glass produced by oxygen-ion implantation. <i>Journal of Applied Physics</i> , 2007, 101, 053112.	1.1	31
26	Low propagation loss of the waveguides in fused quartz by oxygen ion implantation. <i>Optics Express</i> , 2004, 12, 4675.	1.7	28
27	Primary characterization of the immune response in pigs infected with <i>Trichinella spiralis</i> . <i>Veterinary Research</i> , 2020, 51, 17.	1.1	28
28	Structure and band gap determination of irradiation-induced amorphous nano-channels in LiNbO3. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	26
29	Immunoproteomic analysis of the excretory-secretory products of <i>Trichinella pseudospiralis</i> adult worms and newborn larvae. <i>Parasites and Vectors</i> , 2017, 10, 579.	1.0	26
30	Low-loss optical planar waveguides in YVO4 produced by silicon ion implantation at low doses. <i>Journal of Applied Physics</i> , 2003, 94, 4708-4710.	1.1	24
31	Monomode optical waveguide excited at 1540 nm in LiNbO3 formed by MeV carbon ion implantation at low doses. <i>Optics Express</i> , 2004, 12, 747.	1.7	24
32	Si2+ ion implanted into stoichiometric lithium niobate crystals: Waveguide characterization and lattice disorder analysis. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2006, 251, 104-108.	0.6	23
33	Ridge optical waveguide in an Er3+/Yb3+co-doped phosphate glass produced by He+ion implantation combined with Ar+ion beam etching. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 6545-6548.	1.3	23
34	Characterisation of a Plancitoxin-1-Like DNase II Gene in <i>Trichinella spiralis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3097.	1.3	23
35	<i>Trichinella spiralis</i> :inflammation modulator. <i>Journal of Helminthology</i> , 2020, 94, e193.	0.4	21
36	Modification of WS2 nanosheets with controllable layers via oxygen ion irradiation. <i>Applied Surface Science</i> , 2018, 439, 240-245.	3.1	20

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37	$\beta$ -Glucan-triggered Akkermansia muciniphila expansion facilitates the expulsion of intestinal helminth via TLR2 in mice. Carbohydrate Polymers, 2022, 275, 118719.	5.1	20
38	Fabrication and photoluminescence of strong phase-separated InGaN based nanopillar LEDs. Superlattices and Microstructures, 2015, 88, 323-329.	1.4	19
39	Alloyed AuPt nanoframes loaded on h-BN nanosheets as an ingenious ultrasensitive near-infrared photoelectrochemical biosensor for accurate monitoring glucose in human tears. Biosensors and Bioelectronics, 2021, 192, 113490.	5.3	19
40	Ion-implanted Nd:YVO <sub>4</sub> planar waveguide: refractive-index characterization and propagation mode reduction. Optics Letters, 2002, 27, 1111.	1.7	18
41	Extraordinary refractive-index increase in MeV B <sup>3+</sup> ion-implanted LiNbO <sub>3</sub> waveguide. Nuclear Instruments & Methods in Physics Research B, 2003, 211, 346-350.	0.6	18
42	Trichinella spiralis and Tumors: Cause, Coincidence or Treatment?. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 1091-1099.	0.9	18
43	Ag functionalized SnS <sub>2</sub> with enhanced photothermal activity for safe and efficient wound disinfection. Biomaterials Science, 2021, 9, 4728-4736.	2.6	18
44	Optical waveguide in stoichiometric lithium niobate formed by 500 keV proton implantation. Optics Express, 2007, 15, 16880.	1.7	17
45	Selective etching in LiNbO <sub>3</sub> combined of MeV O and Si ion implantation with wet-etch technique. Surface and Coatings Technology, 2007, 201, 5081-5084.	2.2	17
46	Waveguide structures for the visible and near-infrared wavelength regions in near-stoichiometric lithium niobate formed by swift argon-ion irradiation. Optics Express, 2012, 20, 4213.	1.7	17
47	Low-loss optical waveguides and Y-branch splitters in lithium niobate fabricated by MeV oxygen ions with low dose. Optics Express, 2012, 20, 21114.	1.7	16
48	Property investigation of C <sup>+</sup> -ion-implanted LiNbO <sub>3</sub> planar optical waveguides. Journal of Applied Physics, 2005, 98, 044507.	1.1	15
49	Planar waveguides in calcium barium niobate fabricated by MeV He ion implantation. Applied Physics B: Lasers and Optics, 2007, 87, 289-292.	1.1	15
50	Optical properties of planar waveguides on ZnWO <sub>4</sub> formed by carbon and helium ion implantation and effects of annealing. Optics Express, 2010, 18, 18989.	1.7	15
51	Lithium Niobate Ridge Waveguides Fabricated by Ion Implantation Followed by Ion Beam Etching. Journal of Lightwave Technology, 2010, 28, 1913-1916.	2.7	15
52	1 $\mu$ m-4-Branch waveguide power splitters in lithium niobate by means of multi-energy O ion implantation. Optical Materials, 2010, 32, 1441-1445.	1.7	14
53	Visible and near-infrared planar waveguide structure of polycrystalline zinc sulfide from C ions implantation. Optics Express, 2013, 21, 4671.	1.7	14
54	Nanoscale imaging of Li and B in nuclear waste glass, a comparison of ToF-SIMS, NanoSIMS, and APT. Surface and Interface Analysis, 2016, 48, 1392-1401.	0.8	14

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55	Regulation of host immune cells and cytokine production induced by <i>Trichinella spiralis</i> infection. Parasite, 2019, 26, 74.	0.8	14
56	Property study of Si <sup>+</sup> ion-implanted Nd:YVO <sub>4</sub> waveguides. Applied Physics B: Lasers and Optics, 2002, 75, 895-897.	1.1	13
57	Optical Channel Waveguides in $\text{KTiOPO}_4$ Crystal Produced by Proton Implantation. Journal of Lightwave Technology, 2008, 26, 1304-1308.	2.7	13
58	Formation of reconfigurable optical channel waveguides and beam splitters on top of proton-implanted lithium niobate crystals using spatial dark soliton-like structures. Journal Physics D: Applied Physics, 2008, 41, 102001.	1.3	13
59	Thermal annealing property of KOTiPO <sub>4</sub> planar and ridge waveguides formed by MeV Si ion implantation. Optical Materials Express, 2013, 3, 426.	1.6	13
60	An investigation of the beam damage effect on <i>in situ</i> liquid secondary ion mass spectrometry analysis. Rapid Communications in Mass Spectrometry, 2017, 31, 2035-2042.	0.7	13
61	Tuning the electrical transport of type II Weyl semimetal WTe <sub>2</sub> nanodevices by Mo doping. Nanotechnology, 2018, 29, 135705.	1.3	13
62	Lentianan improved the efficacy of vaccine against <i>Trichinella spiralis</i> in an NLRP3 dependent manner. PLoS Neglected Tropical Diseases, 2020, 14, e0008632.	1.3	13
63	Over 16% Efficiency of Thick-Film Organic Photovoltaics with Symmetric and Asymmetric Non-Fullerene Materials as Alloyed Acceptor. Solar Rrl, 2021, 5, 2100365.	3.1	13
64	Helminth Therapy for Immune-Mediated Inflammatory Diseases: Current and Future Perspectives. Journal of Inflammation Research, 2022, Volume 15, 475-491.	1.6	13
65	Monomode, nonleaky planar waveguides in a Nd <sup>3+</sup> -doped silicate glass produced by silicon ion implantation at low doses. Journal of Applied Physics, 2002, 92, 2959-2961.	1.1	12
66	MeV Ni <sup>+</sup> ion-implanted planar waveguide in Nd:YVO <sub>4</sub> crystal. Applied Surface Science, 2002, 199, 307-311.	3.1	12
67	Formation of waveguides by implantation of 3.0MeV Ni <sup>2+</sup> . Journal of Applied Physics, 2004, 96, 3463-3466.	1.1	12
68	Investigation and analysis of a single-mode waveguide formed by multienergy-implanted LiNbO <sub>3</sub> . Optics Express, 2005, 13, 2256.	1.7	12
69	Channel waveguide array in Ce-doped potassium sodium strontium barium niobate crystal fabricated by He <sup>+</sup> ion implantation. Applied Physics Letters, 2006, 89, 191102.	1.5	12
70	Thermal spike response and irradiation-damage evolution of a defective YAlO <sub>3</sub> crystal to electronic excitation. Journal of Nuclear Materials, 2018, 499, 312-316.	1.3	12
71	Characterization of an antigenic serine protease in the <i>Trichinella spiralis</i> adult. Experimental Parasitology, 2018, 195, 8-18.	0.5	12
72	Swift heavy ion tracks in alkali tantalate crystals: a combined experimental and computational study. Journal Physics D: Applied Physics, 2020, 53, 105304.	1.3	12

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73	Fabrication of optical waveguides in KTiOAsO <sub>4</sub> by He or Si ion implantation. Nuclear Instruments & Methods in Physics Research B, 2004, 215, 389-393.	0.6	11
74	Planar optical waveguide in potassium titanyl arsenate formed by oxygen ion implantation at low doses. Applied Physics Letters, 2006, 88, 011114.	1.5	11
75	Formation of planar optical waveguide by multi energy Si ion implantation into Nd:YVO <sub>4</sub> crystal. Surface and Coatings Technology, 2007, 201, 5427-5430.	2.2	11
76	An He-implanted optical planar waveguide in an Nd:YGG laser crystal preserving fluorescence properties. Applied Surface Science, 2011, 257, 7310-7313.	3.1	11
77	Effect of austenite grain size and accelerated cooling start temperature on the transformation behaviors of multi-phase steel. Science China Technological Sciences, 2013, 56, 66-70.	2.0	11
78	Ion beam damage assessment and waveguide formation induced by energetic Si-ion irradiation in lanthanum aluminate crystal. Optical Materials, 2017, 64, 391-400.	1.7	11
79	Lattice damage assessment and optical waveguide properties in LaAlO <sub>3</sub> single crystal irradiated with swift Si ions. Journal Physics D: Applied Physics, 2017, 50, 055303.	1.3	11
80	The immune protection induced by a serine protease from the Trichinella spiralis adult administered as DNA and protein vaccine. Acta Tropica, 2020, 211, 105622.	0.9	11
81	The immune protection induced by a serine protease from the Trichinella spiralis adult against Trichinella spiralis infection in pigs. PLoS Neglected Tropical Diseases, 2021, 15, e0009408.	1.3	11
82	Planar waveguides in BiB <sub>3</sub> O <sub>6</sub> and Nd:YVO <sub>4</sub> crystals by ion implantation. Applied Surface Science, 2002, 191, 61-66.	3.1	10
83	Ion-Implanted Waveguides in a Nd <sup>3+</sup> -Doped Silicate Glass. Chinese Physics Letters, 2003, 20, 1994-1996.	1.3	10
84	Refractive index profiles of planar optical waveguides in $\hat{\Gamma}^2$ -BBO produced by silicon ion implantation. Optical Materials, 2004, 27, 459-463.	1.7	10
85	Active waveguide in Nd <sup>3+</sup> :MgO:LiNbO <sub>3</sub> crystal produced by low-dose carbon ion implantation. Applied Physics Letters, 2008, 92, 021110.	1.5	10
86	Second harmonic generation in periodically poled LiNbO <sub>3</sub> waveguides formed by oxygen ion implantation. Physica Status Solidi - Rapid Research Letters, 2012, 6, 205-207.	1.2	10
87	Waveguide and Raman spectroscopic visualization in C-implanted Ca <sub>0.20</sub> Ba <sub>0.80</sub> Nb <sub>2.0</sub> O <sub>6</sub> crystal. Optical Materials Express, 2014, 4, 864.	1.6	10
88	Property Studies of Optical Waveguide Formed by keV He-Ion Implanted into a Nd:CNGG Crystal. Journal of the Korean Physical Society, 2009, 55, 2638-2641.	0.3	10
89	Channel waveguides of LiNbO <sub>3</sub> crystals fabricated by low-dose oxygen ion implantation. Journal of Applied Physics, 2006, 100, 056106.	1.1	9
90	Refractive index change in ion-implanted LiNbO <sub>3</sub> waveguides calculated from lattice damage ratio. Journal of Applied Physics, 2010, 108, 093103.	1.1	9

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91	Planar optical waveguides in Nd:BSO crystals fabricated by He and C ion implantation. <i>Optical Materials</i> , 2011, 33, 385-388.	1.7	9
92	Laser-induced convenient synthesis of porous Cu <sub>2</sub> O@CuO nanocomposites with excellent adsorption of methyl blue solution. <i>Optical Materials Express</i> , 2017, 7, 924.	1.6	9
93	Pore structure evolution of IG-110 graphite during argon ion irradiation at 600°C. <i>Journal of Materials Science</i> , 2019, 54, 6098-6110.	1.7	9
94	Electronic energy loss and ion velocity correlation effects in track production in swift-ion-irradiated LiNbO <sub>3</sub> : A quantitative assessment between structural damage morphology and energy deposition. <i>Journal of Materials Science and Technology</i> , 2022, 116, 30-40.	5.6	9
95	Diverse mechanism of refractive index modification in neodymium-doped KGd(WO <sub>4</sub> ) <sub>2</sub> crystal induced by MeV He <sup>+</sup> or C <sup>3+</sup> ion implantation for waveguide construction. <i>Journal of Applied Physics</i> , 2008, 103, 083123.	1.1	8
96	Study on preventing segregation of erbium atoms to a silicon surface by annealing in oxygen atmosphere at high temperature. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 1585-1587.	0.6	8
97	Investigation of the lateral spread of erbium ions implanted in silicon crystal. <i>Chinese Physics B</i> , 2010, 19, 113403.	0.7	8
98	Visible and near-infrared waveguide properties in LiTaO <sub>3</sub> crystal produced by swift Ar <sup>8+</sup> ion irradiation. <i>Applied Physics B: Lasers and Optics</i> , 2012, 108, 675-681.	1.1	8
99	Ridge waveguide fabrication by combining ion implantation and precise dicing on a LiNbO <sub>3</sub> crystal. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2014, 326, 110-112.	0.6	8
100	Latent Tracks in Ion-Irradiated LiTaO <sub>3</sub> Crystals: Damage Morphology Characterization and Thermal Spike Analysis. <i>Crystals</i> , 2020, 10, 877.	1.0	8
101	Extra electric field-enhanced lightning rod effect in pine needle-like Au microarrays for boosting direct plasmon-driven photoelectrochemical hydrogenation reactions via in-situ SERS monitoring. <i>Applied Surface Science</i> , 2022, 578, 152100.	3.1	8
102	Effect of Cr and Al on Elastic Constants of FeCrAl Alloys Investigated by Molecular Dynamics Method. <i>Metals</i> , 2022, 12, 558.	1.0	8
103	Property study on nickel ion implanted planar waveguide in KTiOAsO <sub>4</sub> crystal. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2002, 194, 355-358.	0.6	7
104	Optical planar waveguide fabricated in Nd:LuVO <sub>4</sub> crystal by MeV oxygen implantation. <i>Optics Express</i> , 2005, 13, 675.	1.7	7
105	Optical Properties of K <sub>1-x</sub> Nb <sub>1-x</sub> O <sub>3</sub> Waveguides Formed by Carbon and Proton Implantation. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 5885-5888.	0.8	7
106	Characterization of optical waveguide in Nd: GdVO <sub>4</sub> by triple-energy oxygen ion implantation. <i>Applied Surface Science</i> , 2007, 253, 9311-9314.	3.1	7
107	Formation of planar waveguide in BiB <sub>3</sub> O <sub>6</sub> crystal by MeV carbon implantation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2008, 266, 899-903.	0.6	7
108	Laser-induced photochemical synthesis of fibrous-shaped CuO@CuS nanoporous structures for enhanced electrostatic adsorption of negatively charged contaminants from wastewater. <i>Optical Materials Express</i> , 2017, 7, 3863.	1.6	7

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109	Ion tracks formation through synergistic energy processes in strontium titanate under swift heavy ion irradiation: Experimental and theoretical approaches. <i>Materialia</i> , 2019, 7, 100402.	1.3	7
110	Label-free serum detection of <i>Trichinella spiralis</i> using surface-enhanced Raman spectroscopy combined with multivariate analysis. <i>Acta Tropica</i> , 2020, 203, 105314.	0.9	7
111	Excretory-secretory product of <i>Trichinella spiralis</i> inhibits tumor cell growth by regulating the immune response and inducing apoptosis. <i>Acta Tropica</i> , 2022, 225, 106172.	0.9	7
112	Investigation on the Correlation between Inclusions and High Temperature Urea Corrosion Behavior in Ferritic Stainless Steel. <i>Metals</i> , 2021, 11, 1823.	1.0	7
113	Nd:GdVO <sub>4</sub> thin films grown on La <sub>3</sub> Ga <sub>5</sub> SiO <sub>14</sub> (LGS) and sapphire substrates by pulsed laser deposition properties. <i>Journal of Crystal Growth</i> , 2005, 281, 426-431.	0.7	6
114	Monomode low loss optical waveguide in KTiOPO <sub>4</sub> formed by combining ion implantation with ion exchange. <i>Journal of Applied Physics</i> , 2008, 104, 063115.	1.1	6
115	The array waveguides formed in LiNbO <sub>3</sub> crystal by oxygen-ion implantation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 2923-2925.	0.6	6
116	Nd:Li <sub>6</sub> Y(BO <sub>3</sub> ) <sub>3</sub> crystal waveguide properties at wavelengths of 633 and 1539 nm produced by oxygen or silicon ion implantation. <i>Applied Optics</i> , 2012, 51, 1681.	0.9	6
117	Nonlinear luminescence response of CaF <sub>2</sub> :Eu and YAlO <sub>3</sub> :Ce to single-ion excitation. <i>Journal of Applied Physics</i> , 2014, 115, 033108.	1.1	6
118	Raman and morphology visualization in epitaxial graphene on 4H-SiC by Nitrogen or Argon ion irradiation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 365, 260-263.	0.6	6
119	The Raman effects in $\hat{1}^3$ -LiAlO <sub>2</sub> induced by low-energy Ga ion implantation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2017, 409, 72-75.	0.6	6
120	Planar Waveguides in $\hat{1}^3$ -LiAlO <sub>2</sub> With Ion Implantation: Light Being Facilely Propagated. <i>Journal of Lightwave Technology</i> , 2017, 35, 19-26.	2.7	6
121	The Lattice Structure and Optical Properties of Neodymium-Doped Gadolinium Vanadate Crystals Induced by Ion Irradiation. <i>IEEE Photonics Journal</i> , 2017, 9, 1-10.	1.0	6
122	Effect of Nb on the Performance of 409 Stainless Steel for Automotive Exhaust Systems. <i>Steel Research International</i> , 2018, 89, 1700558.	1.0	6
123	Structural damage response of lanthanum and yttrium aluminate crystals to nuclear collisions and electronic excitation: Threshold assessment of irradiation damage. <i>Journal of Materials Science and Technology</i> , 2021, 90, 95-107.	5.6	6
124	Planar waveguides in Ce:SBN and Cu:KNSBN crystals by 6.0 MeV B <sup>3+</sup> ion implantation. <i>Applied Surface Science</i> , 2002, 202, 86-91.	3.1	5
125	Single-mode optical waveguides fabricated in LiNbO <sub>3</sub> by multienergy C <sup>2+</sup> implantations. <i>Optics and Laser Technology</i> , 2007, 39, 749-753.	2.2	5
126	The near-infrared waveguide properties of an LGS crystal formed by swift Kr <sup>8+</sup> ion irradiation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 315, 328-331.	0.6	5



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127	Planar and channel waveguides in fused silica fabricated by multi-energy C ion in the visible and near-infrared band. Nuclear Instruments & Methods in Physics Research B, 2013, 307, 472-476.	0.6	5
128	Lattice damage and waveguide properties of medium- and high-energy C <sup>3+</sup> ions-irradiated LaAlO <sub>3</sub> crystals. Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	5
129	Latent tracks and novel infrared waveguide formation in lithium tantalate irradiated with swift heavy ions. Journal Physics D: Applied Physics, 2019, 52, 175303.	1.3	5
130	Pronounced interfacial interaction in icosahedral Au@C <sub>60</sub> core-shell nanostructure for boosting direct plasmonic photocatalysis under alkaline condition. Journal of Materials Science and Technology, 2021, 94, 10-21.	5.6	5
131	Proteomic Analysis of Taenia solium Cyst Fluid by Shotgun LC-MS/MS. Journal of Parasitology, 2021, 107, 799-809.	0.3	5
132	Analysis of refractive index profile in a silicon ion-implanted KTiOPO <sub>4</sub> waveguide. Materials Letters, 2003, 57, 1197-1201.	1.3	4
133	Bi-layer optical waveguide formed by double boron ion implantation into strontium barium niobate crystal. Nuclear Instruments & Methods in Physics Research B, 2005, 234, 467-470.	0.6	4
134	Property studies of optical waveguide formed by 6.0 MeV carbon ion implantation into Nd:silicate glass. Journal Physics D: Applied Physics, 2005, 38, 2899-2903.	1.3	4
135	Formation of waveguides in LiNbO <sub>3</sub> by 6.0 MeV F <sup>3+</sup> implantation. Journal of Applied Physics, 2006, 100, 033505.	1.1	4
136	The formation of double waveguides in a KTP crystal by combining ion exchange with ion implantation. Journal Physics D: Applied Physics, 2007, 40, 3358-3362.	1.3	4
137	Ion beam etched diffraction gratings in fused quartz and lithium niobate. Surface and Coatings Technology, 2007, 201, 5046-5049.	2.2	4
138	Characterization of optical planar waveguide in Ce:KNSBN crystal formed by triple-energy helium ion implantation. Applied Surface Science, 2007, 253, 3589-3594.	3.1	4
139	The fabrication of planar waveguides on Bi <sub>12</sub> TiO <sub>20</sub> crystals by oxygen and helium ion implantation. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 3434-3437.	0.6	4
140	Effects of swift argon-ion irradiation on the proton-exchanged LiNbO <sub>3</sub> crystal. Chinese Physics B, 2012, 21, 056103.	0.7	4
141	Optical planar waveguide in sodium-doped calcium barium niobate crystals by carbon ion implantation. Nuclear Instruments & Methods in Physics Research B, 2013, 307, 452-455.	0.6	4
142	Comparison of waveguide properties and Raman spectroscopic visualization of C and O ion implantation on LaAlO <sub>3</sub> crystals. Applied Optics, 2014, 53, 7619.	2.1	4
143	Ce: Lu <sub>2</sub> SiO <sub>5</sub> optical waveguide by carbon ion irradiation with properties of enhanced photoluminescence. Surface and Coatings Technology, 2018, 342, 117-120.	2.2	4
144	Effect of Trichinella spp. or derived antigens on chemically induced inflammatory bowel disease (IBD) in mouse models: A systematic review and meta-analysis. International Immunopharmacology, 2020, 85, 106646.	1.7	4

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