Guanshi Qin

List of Publications by Year
in descending order

63 papers	1,804 citations	279798 23 h-index	276875 41 g-index
63 all docs	63 docs citations	63 times ranked	1844 citing authors

#	Article	IF	Citations
1	Silver Nanowires with Ultrabroadband Plasmon Response for Ultrashort Pulse Fiber Lasers. Advanced Photonics Research, 2022, 3, .	3.6	6
2	25.8 W All-Fiber Mid-Infrared Supercontinuum Light Sources Based on Fluorotellurite Fibers. IEEE Photonics Technology Letters, 2022, 34, 367-370.	2.5	10
3	Cascaded Raman amplifiers based on fluorotellurite fibers. Optical Materials Express, 2022, 12, 2309.	3.0	2
4	Design of a Few-Mode Erbium-Ytterbium Co-Doped Polymer Optical Waveguide Amplifier With Low Differential Modal Gain. Journal of Lightwave Technology, 2021, 39, 3201-3216.	4.6	12
5	Intense emission at âˆ¼3.3â€‰â€‰Âµm from Er³⁺-doped fluoroindate glass fiber. Optics Letters, 2021, 46, 1057.	3.3	22
6	Unlocking the ultrafast potential of gold nanowires for mode-locking in the mid-infrared region. Optics Letters, 2021, 46, 1562.	3.3	21
7	Triangular gold nanoplates as saturable absorber for passively Q-switched fiber laser at 1.56 Î¼m. Laser Physics Letters, 2021, 18, 095101.	1.4	3
8	Sapphire-Derived Fiber Bragg Gratings for High Temperature Sensing. Crystals, 2021, 11, 946.	2.2	6
9	Ceriumâ€Doped Perovskite Nanocrystals for Extremely Highâ€Performance Deepâ€Ultraviolet Photoelectric Detection. Advanced Optical Materials, 2021, 9, 2100423.	7.3	12
10	Efficient âˆ¼4â€‰â€‰Âµm emission from Pr³⁺/Yb³⁺ co-doped fluoroindate glass. Optics Letters, 2021, 46, 5607.	3.3	14
11	MnO₂ nanosheets as saturable absorbers for a Q-switched fiber laser. Optical Materials Express, 2020, 10, 3097.	3.0	7
12	Single-Frequency kHz-Linewidth 1070 nm Laser Based on Yb:YAG Derived Silica Fiber. IEEE Photonics Technology Letters, 2020, 32, 895-898.	2.5	8
13	Semiconducting polymer dots as broadband saturable absorbers for Q-switched fiber lasers. Journal of Materials Chemistry C, 2020, 8, 4919-4925.	5.5	23
14	Passively Mode-Locked Operations Induced by Semiconducting Polymer Nanoparticles and a Side-Polished Fiber. ACS Applied Materials & Interfaces, 2020, 12, 57461-57467.	8.0	25
15	22.7â€‰â€‰W mid-infrared supercontinuum generation in fluorotellurite fibers. Optics Letters, 2020, 45, 1882.	3.3	30
16	Ho³⁺/Pr³⁺ Co-Doped AlF₃ Based Glass Fibers for Efficient ~2.9 <i>Î¼</i>m Lasers. IEEE Photonics Technology Letters, 2020, 32, 1489-1492.	2.5	6
17	Linearly polarized single-frequency fiber laser based on the Yb:YAG-crystal derived silica fiber. Applied Optics, 2020, 59, 9931.	1.8	5
18	Green/red pulsed vortex-beam oscillations in all-fiber lasers with visible-resonance gold nanorods. Nanoscale, 2019, 11, 15991-16000.	5.6	19

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19	Broadband supercontinuum generation from 600 to 5400â€‰nm in a tapered fluorotellurite fiber pumped by a 2010â€‰nm femtosecond fiber laser. Applied Physics Letters, 2019, 115, 091103.	3.3	9
20	Wideband Tunable, Carbon Nanotube Mode-Locked Fiber Laser Emitting at Wavelengths Around $3~mu$ m. IEEE Photonics Technology Letters, 2019, 31, 869-872.	2.5	8
21	KMnF3:Yb3+,Er3+ Core-Active-Shell Nanoparticles with Broadband Down-Shifting Luminescence at 1.5 Î¼m for Polymer-Based Waveguide Amplifiers. Nanomaterials, 2019, 9, 463.	4.1	9
22	Mesoporous carbon nanospheres deposited onto D-shaped fibers for femtosecond pulse generation. RSC Advances, 2019, 9, 11621-11626.	3.6	10
23	Mid-Infrared Q-Switched and Mode-Locked Fiber Lasers at 2.87 <italic>Î¼</italic>m Based on Carbon Nanotube. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-6.	2.9	18
24	Nearâ€Infrared Broadband Polymerâ€Dot Modulator with High Optical Nonlinearity for Ultrafast Pulsed Lasers. Laser and Photonics Reviews, 2019, 13, 1800326.	8.7	28
25	All-fiber-integrated Yb:YAG-derived silica fiber laser generating 6 W output power. Optics Express, 2019, 27, 3791.	3.4	26
26	Large aspect ratio gold nanorods (LAR-GNRs) for mid-infrared pulse generation with a tunable wavelength near 3 Î¼m. Optics Express, 2019, 27, 4886.	3.4	32
27	Gold nanowires with surface plasmon resonance as saturable absorbers for passively Q-switched fiber lasers at 2 Âµm. Optical Materials Express, 2019, 9, 2406.	3.0	21
28	Q-switched lasing at the 2 Âµm wavelength induced by Cu₁₈S nanocrystals. OSA Continuum, 2019, 2, 2809.	1.8	4
29	Design of Fluorotellurite Microstructured Fibers With Near-Zero-Flattened Dispersion Profiles for Optical-Frequency Comb Generation. Journal of Lightwave Technology, 2018, 36, 2211-2215.	4.6	7
30	Amplification of wavelength-shifting soliton in active photonic crystal fibers. Applied Physics Letters, 2018, 112, 161105.	3.3	1
31	2875 nm Lasing From Ho³⁺-Doped Fluoroindate Glass Fibers. IEEE Photonics Technology Letters, 2018, 30, 323-326.	2.5	27
32	Fluorotellurite Microstructured Fibers and Their Applications. , 2018, , .		0
33	Tunable mid-infrared Raman soliton generation from 1.96 to 2.82 Î¼m in an all-solid fluorotellurite fiber. AIP Advances, 2018, 8, .	1.3	23
34	Stable Dissipative Soliton Generation From Yb-Doped Fiber Laser Modulated via Evanescent Field Interaction With Gold Nanorods. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	4
35	Mesoporous Carbon Nanospheres as Broadband Saturable Absorbers for Pulsed Laser Generation. Advanced Optical Materials, 2018, 6, 1800606.	7.3	23
36	High-power mid-infrared supercontinuum laser source using fluorotellurite fiber. Optica, 2018, 5, 1264.	9.3	85

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37	Coherent supercontinuum generation from 1.4 to 4â€‰<i>Î¼</i>m in a tapered fluorotellurite microstructured fiber pumped by a 1980â€‰nm femtosecond fiber laser. Applied Physics Letters, 2017, 110, .	3.3	26
38	Plasmonic Cu_{1.8}S nanocrystals as saturable absorbers for passively Q-switched erbium-doped fiber lasers. Journal of Materials Chemistry C, 2017, 5, 4034-4039.	5.5	31
39	Gold nanorods saturable absorber for Q-switched Nd:GAGG lasers at 1ÂÎ¼m. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	10
40	Enhancement of phase-matched third harmonic generation via soliton self-frequency shift cancellation in a fluorotellurite microstructured fiber. Applied Physics Letters, 2017, 111, 151103.	3.3	1
41	4.5 W supercontinuum generation from 1017 to 3438â€‰nm in an all-solid fluorotellurite fiber. Applied Physics Letters, 2017, 110, 261106.	3.3	13
42	Dual-wavelength mode-locked thulium-doped fiber laser based on carbon nanotube. , 2016, , .		0
43	Tunable dual-wavelength passively mode-locked thulium-doped fiber laser using carbon nanotube. Optical Engineering, 2016, 55, 106115.	1.0	12
44	Local Field Modulation Induced Threeâ€Order Upconversion Enhancement: Combining Surface Plasmon Effect and Photonic Crystal Effect. Advanced Materials, 2016, 28, 2518-2525.	21.0	240
45	2.074- Lasing From Ho³⁺-Doped Fluorotellurite Microstructured Fibers Pumped by a 1120-nm Laser. IEEE Photonics Technology Letters, 2016, 28, 1084-1087.	2.5	8
46	Holmium-doped fluorotellurite microstructured fibers for 21â€‰â€‰Î¼m lasing. Optics Letters, 2015, 40, 4695.	3.3	53
47	Synthesis of ultra-small BaLuF₅:Yb³⁺,Er³⁺@BaLuF₅:Yb³⁺ active-coreâ€“active-shell nanoparticles with enhanced up-conversion and down-conversion luminescence by a layer-by-layer strategy. Journal of Materials Chemistry C, 2015, 3, 2045-2053.	5.5	36
48	Dual mode emission of coreâ€“shell rare earth nanoparticles for fluorescence encoding. Journal of Materials Chemistry C, 2015, 3, 6314-6321.	5.5	24
49	Passively mode-locked fiber lasers at 1039 and 1560 nm based on a common gold nanorod saturable absorber. Optical Materials Express, 2015, 5, 794.	3.0	47
50	KMnF₃:Yb³⁺,Er³⁺@KMnF₃:Yb³⁺ active-coreâ€“active-shell nanoparticles with enhanced red up-conversion fluorescence for polymer-based waveguide amplifiers operating at 650 nm. Journal of Materials Chemistry C, 2015, 3, 9827-9832.	5.5	38
51	Flying upconversion fluorescent particles and direct observation of energy transfer and depopulation processes. CrystEngComm, 2015, 17, 587-591.	2.6	1
52	Growth of hexagonal phase sodium rare earth tetrafluorides induced by heterogeneous cubic phase core. RSC Advances, 2014, 4, 13490.	3.6	11
53	Controlled synthesis of ultrasmall hexagonal NaTm0.02Lu0.98âˆ’xYbxF4 nanocrystals with enhanced upconversion luminescence. Journal of Materials Chemistry C, 2014, 2, 2037.	5.5	43
54	Passively Q-switched erbium-doped fiber laser based on gold nanorods. Optik, 2014, 125, 5789-5793.	2.9	17

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55	Sub-10 nm BaYF5:Yb3+,Er3+ coreâ€“shell nanoparticles with intense 1.53 Î¼m fluorescence for polymer-based waveguide amplifiers. Journal of Materials Chemistry C, 2013, 1, 1525.	5.5	50
56	Enhanced deep-ultraviolet upconversion emission of Gd3+ sensitized by Yb3+ and Ho3+ in Î²-NaLuF4 microcrystals under 980 nm excitation. Journal of Materials Chemistry C, 2013, 1, 2485.	5.5	72
57	Gold nanorods as saturable absorbers for all-fiber passively Q-switched erbium-doped fiber laser. Optical Materials Express, 2013, 3, 1986.	3.0	105
58	Broadband amplification and highly efficient lasing in erbium-doped tellurite microstructured fibers. Optics Letters, 2013, 38, 1049.	3.3	17
59	Passively mode-locking induced by gold nanorods in erbium-doped fiber lasers. Applied Physics Letters, 2013, 103, .	3.3	119
60	Citric acid-assisted hydrothermal synthesis of Î±-NaYF4:Yb3+,Tm3+ nanocrystals and their enhanced ultraviolet upconversion emissions. CrystEngComm, 2012, 14, 2302.	2.6	48
61	Passively Q-switching induced by gold nanocrystals. Applied Physics Letters, 2012, 101, .	3.3	122
62	Greatly enhanced size-tunable ultraviolet upconversion luminescence of monodisperse Î²-NaYF4:Yb,Tm nanocrystals. Journal of Materials Chemistry, 2011, 21, 13413.	6.7	82
63	Widely tunable passively mode-locked fiber laser with carbon nanotube films. Optical Review, 2010, 17, 97-99.	2.0	12