

Thomas Hawkins

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

470
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive phosphate glass-based fiber with green persistent luminescence. <i>Materials Research Bulletin</i> , 2022, 153, 111899.	5.2	8
2	Reduced quantum defect in a Yb-doped fiber laser by balanced dual-wavelength excitation. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	8
3	A unified materials approach to mitigating optical nonlinearities in optical fiber. III. Canonical examples and materials road map. <i>International Journal of Applied Glass Science</i> , 2018, 9, 447-470.	2.0	24
4	Molten core fabrication of bismuth germanium oxide $\text{Bi}_4\text{Ge}_3\text{O}_{12}$ crystalline core fibers. <i>Journal of the American Ceramic Society</i> , 2018, 101, 4340-4349.	3.8	9
5	Random lasing in an Anderson localizing optical fiber. <i>Light: Science and Applications</i> , 2017, 6, e17041-e17041.	16.6	83
6	CO_2 Laser-Induced Directional Recrystallization to Produce Single Crystal Silicon-Core Optical Fibers with Low Loss. <i>Advanced Optical Materials</i> , 2016, 4, 1004-1008.	7.3	87
7	Laser recrystallization and inscription of compositional microstructures in crystalline SiGe-core fibres. <i>Nature Communications</i> , 2016, 7, 13265.	12.8	91
8	Transverse Anderson Localization in Disordered Glass Optical Fibers: A Review. <i>Materials</i> , 2014, 7, 5520-5527.	2.9	9
9	Anderson localisation in fibres. , 2014, , .		1
10	Image transport through a disordered optical fibre mediated by transverse Anderson localization. <i>Nature Communications</i> , 2014, 5, 3362.	12.8	118
11	Mid-infrared Raman sources using spontaneous Raman scattering in germanium core optical fibers. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	18
12	Apoptosis Experiments of Cultured Tumor Cells Treated With 200- μm -Sized Flexible Microplasma Jet. <i>IEEE Transactions on Plasma Science</i> , 2011, 39, 2974-2975.	1.3	6
13	Novel Visible Light Emitting Optical Fibers Using Up-Conversion. <i>Journal of Display Technology</i> , 2011, 7, 295-300.	1.2	1
14	Atmospheric-Pressure Microplasma Jets From Linear Arrays of Hollow-Core Optical Fibers for Biomedical Applications. <i>IEEE Transactions on Plasma Science</i> , 2011, 39, 2958-2959.	1.3	6
15	Cancer Therapy: Single-Cell-Level Microplasma Cancer Therapy (Small 16/2011). <i>Small</i> , 2011, 7, 2290-2290.	10.0	1