

Thomas Hawkins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1393913/publications.pdf>

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