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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Achievements and Future Perspectives of the Trivalent Thulium-Ion-Doped Mixed-Sesquioxide Ceramics for Laser Applications. <i>Materials</i> , 2022, 15, 2084.	1.3	18
2	Yb ³⁺ :(Lu _x Y _{1-x}) ₂ O ₃ mixed sesquioxide ceramics for laser applications. Part II: Laser performances. <i>Journal of Alloys and Compounds</i> , 2021, 853, 156943.	2.8	17
3	Comparative study of Yb:Lu ₃ Al ₅ O ₁₂ and Yb:Lu ₂ O ₃ laser ceramics produced from laser-ablated nanopowders. <i>Ceramics International</i> , 2021, 47, 6633-6642.	2.3	9
4	Yb ³⁺ :(Lu _x Y _{1-x}) ₂ O ₃ mixed sesquioxide ceramics for laser applications. Part I: Fabrication, microstructure and spectroscopy. <i>Journal of Alloys and Compounds</i> , 2021, 869, 159227.	2.8	13
5	Spectroscopic investigation and laser behaviour of Yb-doped laser ceramics based on mixed crystalline structure (Sc _x Y _{1-x}) ₂ O ₃ . <i>Ceramics International</i> , 2021, 47, 29483-29489.	2.3	14
6	Comparative study of Ho:Y ₂ O ₃ and Ho:Y ₃ Al ₅ O ₁₂ transparent ceramics produced from laser-ablated nanoparticles. <i>Journal of Luminescence</i> , 2021, 240, 118460.	1.5	7
7	Continuously tuned (Tm _{0.05} Sc _{0.25} Y _{0.698}) ₂ O ₃ ceramic laser with emission peak at 2076 Ånm. <i>Journal of Alloys and Compounds</i> , 2021, 889, 161585.	2.8	10
8	Fabrication, Microstructure, and Spectroscopic Properties of Transparent Yb _{0.118} Lu _{0.464} Y _{1.418} O ₃ Ceramics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900883.	0.8	3
9	Efficient laser operation of Yb:Lu ₃ Al ₅ O ₁₂ transparent ceramics fabricated from laser ablated nanopowders. , 2020, , .		2
10	Comparative study of Ho:Y ₃ Al ₅ O ₁₂ and Ho:Y ₂ O ₃ transparent ceramics synthesized from laser ablated nanopowders. <i>EPJ Web of Conferences</i> , 2020, 243, 12001.	0.1	0
11	Laser Operation of Yb ³⁺ -doped Lu-based Oxide Ceramics: A Comparative Study. , 2020, , .		0
12	Effect of SiO ₂ addition on structural and optical properties of Yb:Lu ₃ Al ₅ O ₁₂ transparent ceramics based on laser ablated nanopowders. <i>Journal of Alloys and Compounds</i> , 2019, 806, 717-725.	2.8	15
13	Effect of post-annealing in air on optical and XPS spectra of Y ₂ O ₃ ceramics doped with CeO ₂ . <i>Mendeleev Communications</i> , 2019, 29, 102-104.	0.6	34
14	Fabrication and characterization of highly transparent Fe ²⁺ -doped MgAl ₂ O ₄ ceramics. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4757-4764.	1.9	11
15	Optical Transparency and Local Electronic Structure of Yb-Doped Y ₂ O ₃ Ceramics with Tetravalent Additives. <i>Symmetry</i> , 2019, 11, 243.	1.1	7
16	Transparent Yb:Lu ₃ Al ₅ O ₁₂ Laser Ceramics Based on Nanopowders Produced by Laser Ablation. , 2019, , .		0
17	Fabrication and characterization of highly transparent Fe ²⁺ :MgAl ₂ O ₄ ceramics. , 2019, , .		1
18	High efficiency emission of a laser based on Yb-doped (Lu,Y) ₂ O ₃ ceramic. <i>Optical Materials</i> , 2018, 83, 182-186.	1.7	27