

# Linling Tan

## List of Publications by Year in descending order

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16  
papers

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citations

1039880

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996849

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16  
docs citations

16  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving luminescence behavior and glass stability of tellurium-doped germanate glasses by modifying network topology. <i>Journal of the American Ceramic Society</i> , 2022, 105, 929-937.	1.9	8
2	Topological control of negatively charged local environments for tuning bismuth NIR luminescence in glass materials. <i>Journal of Alloys and Compounds</i> , 2022, 898, 162884.	2.8	5
3	Broadband NIR-emitting Te cluster-doped glass for smart light source towards night-vision and NIR spectroscopy applications. <i>Photonics Research</i> , 2022, 10, 1187.	3.4	13
4	Infrared GRIN $\text{GeS}_2$ - $\text{Sb}_2\text{S}_3$ - $\text{CsCl}$ chalcogenide glass-ceramics. <i>Journal of the American Ceramic Society</i> , 2022, 105, 6007-6012.	1.9	5
5	Tunable broadband near-infrared luminescence in glass realized by defect-engineering. <i>Optics Express</i> , 2021, 29, 32149.	1.7	4
6	D <sub>2h</sub> -Symmetric Tetratellurium Clusters in Silicate Glass as a Broadband NIR Light Source for Spectroscopy Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 51628-51636.	4.0	9
7	Tailoring Cluster Configurations Enables Tunable Broad-Band Luminescence in Glass. <i>Chemistry of Materials</i> , 2020, 32, 8653-8661.	3.2	16
8	Glass-forming region and enhanced Bi NIR emission in sodium tantalum silicate laser glass. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2522-2530.	1.9	8
9	Mechanism for broadening and enhancing $\text{Nd}^{3+}$ emission in zinc aluminophosphate laser glass by addition of $\text{Bi}_2\text{O}_3$ . <i>Journal of the American Ceramic Society</i> , 2019, 102, 1694-1702.	1.9	20
10	Quantitative prediction of the structure and properties of $\text{Li}_2\text{O}$ - $\text{Ta}_2\text{O}_5$ - $\text{SiO}_2$ glasses via phase diagram approach. <i>Journal of the American Ceramic Society</i> , 2019, 102, 185-194.	1.9	6
11	Tunable luminescence from bismuth-doped phosphate laser glass by engineering photonic glass structure. <i>Journal of the American Ceramic Society</i> , 2018, 101, 1916-1922.	1.9	18
12	Unusual thermal response of tellurium near-infrared luminescence in phosphate laser glass. <i>Optics Letters</i> , 2018, 43, 4823.	1.7	9
13	Unusual anti-thermal degradation of bismuth NIR luminescence in bismuth doped lithium tantalum silicate laser glasses. <i>Optics Express</i> , 2016, 24, 18649.	1.7	12
14	Efficient Enhancement of Bismuth $\langle \text{NIR} \rangle$ Luminescence by Aluminum and Its Mechanism in Bismuth-Doped Germanate Laser Glass. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2071-2076.	1.9	48
15	Synthesis, Structure, and Performance of Efficient Red Phosphor $\text{LiNaGe}_4\text{O}_9\text{:Mn}^{4+}$ and Its Application in Warm $\langle \text{WLED} \rangle$ s. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2029-2034.	1.9	30
16	Topo-Chemical Tailoring of Tellurium Quantum Dot Precipitation from Supercooled Polyphosphates for Broadband Optical Amplification. <i>Advanced Optical Materials</i> , 2016, 4, 1624-1634.	3.6	33