

Marina Nikova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1825783/publications.pdf>

Version: 2024-02-01

13
papers

156
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

84
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Synthesis of YSAG:Er ceramics and the study of the scandium impact in the dodecahedral and octahedral garnet sites on the Er ³⁺ energy structure. Journal of Luminescence, 2022, 241, 118539. | 3.1 | 9 |
| 2 | Sintering and microstructure evolution of Er _{1.5} Y _{1.5-x} Sc _{x+y} Al _{5-y} O ₁₂ garnet ceramics with scandium in dodecahedral and octahedral sites. Journal of the European Ceramic Society, 2022, 42, 2464-2477. | 5.7 | 9 |
| 3 | The scandium impact on the sintering of YSAG:Yb ceramics with high optical transmittance. Ceramics International, 2021, 47, 1772-1784. | 4.8 | 20 |
| 4 | The influence of the Sc ³⁺ dopant on the transmittance of (Y, _{1-x} Tm _x) ₂ (Er _{3-x} Sc _x) ₃ (Er _{3-x} Sc _x) ₂ O ₁₂ garnet ceramics. Journal of the European Ceramic Society, 2022, 42, 2464-2477. | 3.3 | 7 |
| 5 | Nucleation and growth of YAG: Yb crystallites: A step towards the dispersity control. Ceramics International, 2020, 46, 28585-28593. | 4.8 | 5 |
| 6 | X-Ray Diffraction Analysis of YSAG:Yb Ceramic Powders with Different Stoichiometry. Solid State Phenomena, 2020, 310, 1-5. | 0.3 | 0 |
| 7 | Optical properties of 50 at.% Er ³⁺ :YAG ceramics. , 2020, , . | | 1 |
| 8 | Combined effect of MgO sintering additive and stoichiometry deviation on YAG crystal lattice defects. Ceramics International, 2019, 45, 20178-20188. | 4.8 | 18 |
| 9 | Temperature-related changes in the structure of YSAG:Yb garnet solid solutions with high Sc concentration. Journal of the European Ceramic Society, 2019, 39, 4946-4956. | 5.7 | 17 |
| 10 | Influence of the ceramic powder morphology and forming conditions on the optical transmittance of YAG:Yb ceramics. Ceramics International, 2019, 45, 4418-4423. | 4.8 | 27 |
| 11 | Estimation of Sc ³⁺ solubility in dodecahedral and octahedral sites in YSAG:Yb. Journal of the American Ceramic Society, 2019, 102, 4862-4873. | 3.8 | 25 |
| 12 | Novel synthesis of low-agglomerated YAG:Yb ceramic nanopowders by two-stage precipitation with the use of hexamine. Ceramics International, 2019, 45, 1273-1282. | 4.8 | 18 |
| 13 | Effect of Different Fluxes on YAG:Ce Illumination Engineering Parameters. Refractories and Industrial Ceramics, 2015, 56, 421-424. | 0.6 | 0 |