

Marina Nikova

List of Publications by Year in descending order

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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	Influence of the ceramic powder morphology and forming conditions on the optical transmittance of YAG:Yb ceramics. <i>Ceramics International</i> , 2019, 45, 4418-4423.	4.8	27
2	Estimation of Sc ³⁺ solubility in dodecahedral and octahedral sites in YSAG:Yb. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4862-4873.	3.8	25
3	The scandium impact on the sintering of YSAG:Yb ceramics with high optical transmittance. <i>Ceramics International</i> , 2021, 47, 1772-1784.	4.8	20
4	Combined effect of MgO sintering additive and stoichiometry deviation on YAG crystal lattice defects. <i>Ceramics International</i> , 2019, 45, 20178-20188.	4.8	18
5	Novel synthesis of low-agglomerated YAG:Yb ceramic nanopowders by two-stage precipitation with the use of hexamine. <i>Ceramics International</i> , 2019, 45, 1273-1282.	4.8	18
6	Temperature-related changes in the structure of YSAG:Yb garnet solid solutions with high Sc concentration. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4946-4956.	5.7	17
7	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. <i>Journal of Luminescence</i> , 2022, 241, 118539.	3.1	9
8	Sintering and microstructure evolution of Er _{1.5} Y _{1.5-x} Sc _x +yAl _{5-y} O ₁₂ garnet ceramics with scandium in dodecahedral and octahedral sites. <i>Journal of the European Ceramic Society</i> , 2022, 42, 2464-2477.	5.7	9
9	The influence of the Sc ³⁺ dopant on the transmittance of (Y, _{3.3} Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (Er)		
10	Nucleation and growth of YAG: Yb crystallites: A step towards the dispersity control. <i>Ceramics International</i> , 2020, 46, 28585-28593.	4.8	5
11	Optical properties of 50 at.% Er ³⁺ :YAG ceramics. , 2020, , .		1
12	Effect of Different Fluxes on YAG:Ce Illumination Engineering Parameters. <i>Refractories and Industrial Ceramics</i> , 2015, 56, 421-424.	0.6	0
13	X-Ray Diffraction Analysis of YSAG:Yb Ceramic Powders with Different Stoichiometry. <i>Solid State Phenomena</i> , 2020, 310, 1-5.	0.3	0