

Juraj Pãĭterek

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

70
citations

1683354

5
h-index

1588620

8
g-index

11
all docs

11
docs citations

11
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Untangling the controversy on Ce ³⁺ luminescence in LaAlO ₃ crystals. <i>Materials Advances</i> , 2022, 3, 3500-3512.	2.6	7
2	Crystal growth and optical properties of Ce-doped (La,Y) ₂ Si ₂ O ₇ single crystal. <i>Journal of Crystal Growth</i> , 2021, 572, 126252.	0.7	1
3	Stabilization of light emitting Eu ²⁺ centers inside Ca(Sr) ₁₂ :Eu particles in glass ceramics. The preliminary concept of synthesis. <i>Ceramics International</i> , 2021, 47, 29232-29252.	2.3	3
4	Cs ₂ HfCl ₆ doped with Zr: Influence of tetravalent substitution on scintillation properties. <i>Journal of Crystal Growth</i> , 2021, 573, 126307.	0.7	4
5	The Sensitization of Scintillation in Polymeric Composites Based on Fluorescent Nanocomplexes. <i>Nanomaterials</i> , 2021, 11, 3387.	1.9	4
6	Modified vertical Bridgman method: Time and cost effective tool for preparation of Cs ₂ HfCl ₆ single crystals. <i>Journal of Crystal Growth</i> , 2020, 533, 125479.	0.7	12
7	Luminescence and luminescence quenching of K ₂ Bi(PO ₄) ₄ (MoO ₄):Sm ³⁺ phosphors for horticultural and general lighting applications. <i>Materials Advances</i> , 2020, 1, 1427-1438.	2.6	8
8	Trapping and Recombination Centers in Cesium Hafnium Chloride Single Crystals: EPR and TSL Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19402-19411.	1.5	19
9	Ho ³⁺ codoping of YAG:Ce: Acceleration of Ce ³⁺ decay kinetics by energy transfer. <i>Journal of Luminescence</i> , 2019, 213, 469-473.	1.5	3
10	LuAG:Pr codoped with Ho ³⁺ : Acceleration of Pr ³⁺ decay by energy transfer. <i>Radiation Measurements</i> , 2019, 124, 122-126.	0.7	5
11	Concentration dependence of energy transfer Ce ³⁺ →Er ³⁺ in YAG host. <i>Optical Materials</i> , 2018, 86, 338-342.	1.7	4