

Phan Quoc Vuong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1703482/publications.pdf>

Version: 2024-02-01

15
papers

202
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium-doped two-dimensional perovskite scintillator for wide-range radiation detection. Communications Materials, 2020, 1, .	6.9	88
2	Pulse shape discrimination study with Tl ₂ ZrCl ₆ crystal scintillator. Radiation Measurements, 2019, 123, 83-87.	1.4	23
3	Crystal growth and Ce ³⁺ concentration optimization in Tl ₂ LaCl ₅ : An excellent scintillator for the radiation detection. Journal of Alloys and Compounds, 2020, 827, 154366.	5.5	23
4	Crystal growth of a novel and efficient Tl ₂ HfCl ₆ scintillator with improved scintillation characteristics. CrystEngComm, 2019, 21, 5898-5904.	2.6	14
5	A Novel X-Ray Radiation Sensor Based on Networked SnO ₂ Nanowires. Applied Sciences (Switzerland), 2019, 9, 4878.	2.5	10
6	Unidirectional growth of pure and composite t-stilbene single crystals for scintillator applications. Journal of Crystal Growth, 2020, 531, 125344.	1.5	9
7	Silver-Doped LiI Crystal: A Sensitive Thermal Neutron Detector With Pulse Shape Discrimination. IEEE Transactions on Nuclear Science, 2020, 67, 2290-2294.	2.0	9
8	Neutron spectroscopy using pure LaCl ₃ crystal and the dependence of pulse shape discrimination on Ce-doped concentrations. Nuclear Engineering and Technology, 2021, 53, 3784-3789.	2.3	8
9	Discovery, Crystal Growth, and Scintillation Properties of Novel Tl-Based Scintillators. Crystal Research and Technology, 2020, 55, 2000074.	1.3	5
10	Comprehending the role of trap centers and host energy transfers in excitation density dependent kinetics of Ce doped Gd ₃ Ga ₃ Al ₂ O ₁₂ scintillator; an unresolved scintillation characteristic. Journal of Luminescence, 2020, 219, 116815.	3.1	4
11	Luminescence and scintillation properties of Czochralski grown Pr ³⁺ doped Li ₆ Y(BO ₃) ₃ single crystal. Optical Materials, 2021, 119, 111361.	3.6	4
12	Thallium-based heavy inorganic scintillators: recent developments and future perspectives. CrystEngComm, 2022, 24, 450-464.	2.6	3
13	Synthesis, crystal growth, structural and physicochemical properties of an organic single crystal (C ₁₁ H ₁₆ N ₂ O ₄) for fast scintillation and NLO applications. CrystEngComm, 2022, 24, 2867-2877.	2.6	1
14	Crystal growth and scintillation properties of Tm ³⁺ doped LaCl ₃ single crystal for radiation detection. Radiation Physics and Chemistry, 2022, 200, 110347.	2.8	1
15	Development of Tin-Based Single Crystal Scintillator for Double-Beta Decay Experiments. IEEE Transactions on Nuclear Science, 2020, 67, 922-926.	2.0	0