

Phan Quoc Vuong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thallium-based heavy inorganic scintillators: recent developments and future perspectives. CrystEngComm, 2022, 24, 450-464.	2.6	3
2	Synthesis, crystal growth, structural and physicochemical properties of an organic single crystal ($C_{11}H_{16}N_2O_4$) for fast scintillation and NLO applications. CrystEngComm, 2022, 24, 2867-2877.	2.6	1
3	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
4	Luminescence and scintillation properties of Czochralski grown Pr^{3+} doped $Li_6Y(BO_3)_3$ single crystal. Optical Materials, 2021, 119, 111361.	3.6	4
5	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
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	Comprehending the role of trap centers and host energy transfers in excitation density dependent kinetics of Ce doped $Gd_3Ga_3Al_2O_{12}$ scintillator; an unresolved scintillation characteristic. Journal of Luminescence, 2020, 219, 116815.	3.1	4
8	Discovery, Crystal Growth, and Scintillation Properties of Novel Tl -Based Scintillators. Crystal Research and Technology, 2020, 55, 2000074.	1.3	5
9	Lithium-doped two-dimensional perovskite scintillator for wide-range radiation detection. Communications Materials, 2020, 1, .	6.9	88
10	Development of Tin-Based Single Crystal Scintillator for Double-Beta Decay Experiments. IEEE Transactions on Nuclear Science, 2020, 67, 922-926.	2.0	0
11	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
12	Crystal growth and Ce^{3+} concentration optimization in Tl_2LaCl_5 : An excellent scintillator for the radiation detection. Journal of Alloys and Compounds, 2020, 827, 154366.	5.5	23
13	Crystal growth of a novel and efficient Tl_2HfCl_6 scintillator with improved scintillation characteristics. CrystEngComm, 2019, 21, 5898-5904.	2.6	14
14	Pulse shape discrimination study with Tl_2ZrCl_6 crystal scintillator. Radiation Measurements, 2019, 123, 83-87.	1.4	23
15	A Novel X-Ray Radiation Sensor Based on Networked SnO_2 Nanowires. Applied Sciences (Switzerland), 2019, 9, 4878.	2.5	10