

Resource Summary Report

Generated by NIF on Sep 3, 2026

PHOTONIS

RRID:SCR_003853

Type: Tool

Proper Citation

PHOTONIS (RRID:SCR_003853)

Resource Information

URL: <http://www.photonisusa.com/>

Proper Citation: PHOTONIS (RRID:SCR_003853)

Description: Commercial organization that manufactures Vacuum Electron Devices and Associated RF Circuits for Communications, Science, Radar, Industry & Directed Energy Applications. Other products include photo-detectors for scientific and medical applications and specialized material processing and plating services.

Abbreviations: PHOTONIS

Synonyms: PHOTONIS USA Pennsylvania, PHOTONIS USA PENNSYLVANIA INC.

Resource Type: commercial organization

Keywords: optical sensor, detector, night-vision, imaging, photo, power tube, rf cavity, photo-detector, photo detection, light sensor, surveillance, surface treatment, plating, optic, goggle, rifle sight, monocle

Resource Name: PHOTONIS

Resource ID: SCR_003853

Alternate IDs: nlx_158234

Record Creation Time: 20220129T080221+0000

Record Last Update: 20260903T003922+0000

Ratings and Alerts

No rating or validation information has been found for PHOTONIS.

No alerts have been found for PHOTONIS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Remeš Z, et al. (2025) Optical and Transport Properties of ZnO Thin Films Prepared by Reactive Pulsed Mid-Frequency Sputtering Combined with RF ECWR Plasma. Nanomaterials (Basel, Switzerland), 15(8).

Zapadlík O, et al. (2025) GSAG:Ce scintillator: insights from yttrium admixture. RSC advances, 15(3), 2140.

Jäger TT, et al. (2025) Characterization of a mock up nuclear waste package using energy resolved MeV neutron analysis. Scientific reports, 15(1), 6823.

Milešević D, et al. (2024) Ultraviolet Photodissociation of the N,N-Dimethylformamide Cation. The journal of physical chemistry. A, 128(49), 10525.

Stamm J, et al. (2024) Coherence mapping to identify the intermediates of multi-channel dissociative ionization. Communications chemistry, 7(1), 103.

Wolfertz A, et al. (2024) Energy-resolved fast-neutron radiography using an event-mode neutron imaging detector. Scientific reports, 14(1), 30487.

Burke SE, et al. (2023) Detection of intact amino acids with a hypervelocity ice grain impact mass spectrometer. Proceedings of the National Academy of Sciences of the United States of America, 120(50), e2313447120.

Zhdanov AV, et al. (2023) Analysis of tumour oxygenation in model animals on a phosphorescence lifetime based macro-imager. Scientific reports, 13(1), 18732.

Stockett MH, et al. (2023) Efficient stabilization of cyanonaphthalene by fast radiative cooling and implications for the resilience of small PAHs in interstellar clouds. Nature communications, 14(1), 395.

Rinaman JE, et al. (2023) Acetylacetone Photolysis at 280 nm Studied by Velocity-Map Ion Imaging. The journal of physical chemistry. A, 127(32), 6687.

Štanfel U, et al. (2022) Synthesis of Optically and Redox Active Polyenaminones from Diamines and 2,2'-Bis[(dimethylamino)methylidene]cyclohexanediones. Polymers, 14(19).

Fukaya R, et al. (2022) Time-resolved resonant soft X-ray scattering combined with MHz synchrotron X-ray and laser pulses at the Photon Factory. Journal of synchrotron radiation, 29(Pt 6), 1414.

Švajdlenková H, et al. (2021) On the Mutual Relationships between Molecular Probe Mobility and Free Volume and Polymer Dynamics in Organic Glass Formers: cis-1,4-poly(isoprene). *Polymers*, 13(2).

Zhelyazkova V, et al. (2021) Multipole-moment effects in ion-molecule reactions at low temperatures: part I - ion-dipole enhancement of the rate coefficients of the $\text{He}^+ + \text{NH}_3$ and $\text{He}^+ + \text{ND}_3$ reactions at collisional energies $E_{\text{coll}}/\text{kB}$ near 0 K. *Physical chemistry chemical physics : PCCP*, 23(38), 21606.

Skowron K, et al. (2020) Gradient Microstructure Induced by Surface Mechanical Attrition Treatment (SMAT) in Magnesium Studied Using Positron Annihilation Spectroscopy and Complementary Methods. *Materials (Basel, Switzerland)*, 13(18).

Sen R, et al. (2020) Mapping O₂ concentration in ex-vivo tissue samples on a fast PLIM macro-imager. *Scientific reports*, 10(1), 19006.

Tendler II, et al. (2019) Improvements to an optical scintillator imaging-based tissue dosimetry system. *Journal of biomedical optics*, 24(7), 1.

van Meer BJ, et al. (2019) Simultaneous measurement of excitation-contraction coupling parameters identifies mechanisms underlying contractile responses of hiPSC-derived cardiomyocytes. *Nature communications*, 10(1), 4325.

Seiler H, et al. (2019) Two-dimensional electronic spectroscopy reveals liquid-like lineshape dynamics in CsPbI₃ perovskite nanocrystals. *Nature communications*, 10(1), 4962.

Hwang SI, et al. (2019) Generation of a single-cycle pulse using a two-stage compressor and its temporal characterization using a tunnelling ionization method. *Scientific reports*, 9(1), 1613.