

# Pakpoom Buabthong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/257230/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Investigations of the stability of etched or platinized p-InP(100) photocathodes for solar-driven hydrogen evolution in acidic or alkaline aqueous electrolytes. Energy and Environmental Science, 2021, 14, 6007-6020.	30.8	33
2	Failure modes of protection layers produced by atomic layer deposition of amorphous TiO <sub>2</sub> on GaAs anodes. Energy and Environmental Science, 2020, 13, 4269-4279.	30.8	15
3	Vanadium, niobium and tantalum by XPS. Surface Science Spectra, 2017, 24, .	1.3	14
4	Enhanced stability of silicon for photoelectrochemical water oxidation through self-healing enabled by an alkaline protective electrolyte. Energy and Environmental Science, 2020, 13, 4132-4141.	30.8	14
5	Cathodic NH <sub>4</sub> <sup>+</sup> leaching of nitrogen impurities in CoMo thin-film electrodes in aqueous acidic solutions. Sustainable Energy and Fuels, 2020, 4, 5080-5087.	4.9	14
6	Data-Driven Synthesis of Broadband Earthquake Ground Motions Using Artificial Intelligence. Bulletin of the Seismological Society of America, 2022, 112, 1979-1996.	2.3	11
7	Catalytic open-circuit passivation by thin metal oxide films of p-Si anodes in aqueous alkaline electrolytes. Energy and Environmental Science, 2022, 15, 334-345.	30.8	8
8	GaAs Microisland Anodes Protected by Amorphous TiO <sub>2</sub> Films Mitigate Corrosion Spreading During Water Oxidation in Alkaline Electrolytes. ACS Energy Letters, 2021, 6, 3709-3714.	17.4	7
9	Failure Modes of Platinized pn <sup>+</sup> -GaInP Photocathodes for Solar-Driven H <sub>2</sub> Evolution. ACS Applied Materials & Interfaces, 2022, 14, 26622-26630.	8.0	4