

# Tomi Iivonen

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

212  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Temperature Atomic Layer Deposition of Cobalt Oxide as an Effective Catalyst for Photoelectrochemical Water-Splitting Devices. <i>Chemistry of Materials</i> , 2017, 29, 5796-5805.	6.7	43
2	Atomic Layer Deposition of Photoconductive Cu <sub>2</sub> O Thin Films. <i>ACS Omega</i> , 2019, 4, 11205-11214.	3.5	40
3	Role of ALD Al <sub>2</sub> O <sub>3</sub> Surface Passivation on the Performance of p-Type Cu <sub>2</sub> O Thin Film Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 4156-4164.	8.0	31
4	Charge carrier dynamics in tantalum oxide overlayered and tantalum doped hematite photoanodes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3206-3215.	10.3	25
5	How insignificant modifications of photocatalysts can significantly change their photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25142-25154.	10.3	23
6	Photocatalytic activity of TiO <sub>2</sub> films on Si support prepared by atomic layer deposition. <i>Catalysis Today</i> , 2015, 252, 14-19.	4.4	19
7	Low-temperature atomic layer deposition of copper(II) oxide thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2016, 34, .	2.1	18
8	Design aspects of all atomic layer deposited TiO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> scaffold-absorber photoanodes for water splitting. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2124-2130.	4.9	7
9	Atomic layer deposition of cobalt(II) oxide thin films from Co(BTSA) <sub>2</sub> (THF) and H <sub>2</sub> O. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	2.1	4
10	Measurement of the potential across the oil-water interface in microemulsion. <i>Electrochemistry Communications</i> , 2012, 20, 33-35.	4.7	2