

# Joseph H Ngai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9145959/publications.pdf>

Version: 2024-02-01

10  
papers

336  
citations

1684188

5  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

702  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of buffer termination on intermixing and conductivity in LaTiO <sub>3</sub> /SrTiO <sub>3</sub> heterostructures integrated on Si(100). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 013206.	2.1	1
2	Preface for the special topic collection honoring Dr. Scott Chambers's™ 70th birthday and his leadership in the science and technology of oxide thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, .	2.1	0
3	Epitaxial Oxides on Semiconductors: From Fundamentals to New Devices. Advanced Functional Materials, 2020, 30, 1901597.	14.9	65
4	Suspended single-crystalline oxide structures on silicon through wet-etch techniques: Effects of oxygen vacancies and dislocations on etch rates. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	2.1	4
5	Interfacial structure of SrZrTi <sub>1-x</sub> O <sub>3</sub> films on Ge. Applied Physics Letters, 2018, 113, 201601.	3.3	5
6	Tuning metal-insulator behavior in LaTiO <sub>3</sub> /SrTiO <sub>3</sub> heterostructures integrated directly on Si(100) through control of atomic layer thickness. Applied Physics Letters, 2018, 112, .	3.3	9
7	An Ultrathin Single Crystalline Relaxor Ferroelectric Integrated on a High Mobility Semiconductor. Nano Letters, 2017, 17, 6248-6257.	9.1	11
8	Interfacial Structure in Epitaxial Perovskite Oxides on (001) Ge Crystal. Microscopy and Microanalysis, 2015, 21, 1301-1302.	0.4	0
9	Band-Gap Engineering at a Semiconductor-Crystalline Oxide Interface. Advanced Materials Interfaces, 2015, 2, 1400497.	3.7	31
10	Active Silicon Integrated Nanophotonics: Ferroelectric BaTiO <sub>3</sub> Devices. Nano Letters, 2014, 14, 1419-1425.	9.1	208