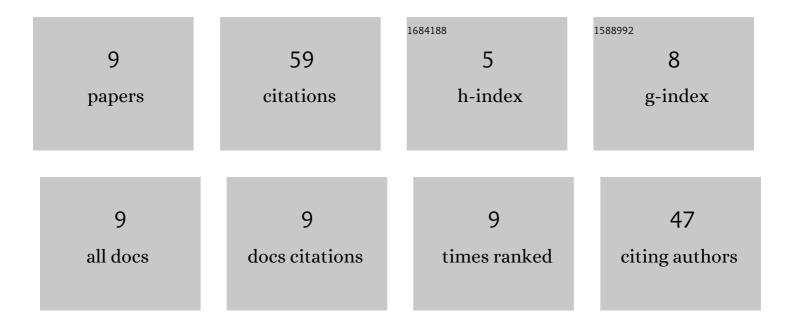
Matthew Kwan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/535642/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Frequency-tunable toughening in a polymer-metal-ceramic stack using an interfacial molecular nanolayer. Nature Communications, 2018, 9, 5249.	12.8	8
2	Chemical bonding and nanomolecular length effects on work function at Au-organophosphonate-HfO2 interfaces. Applied Physics Letters, 2017, 110, 181604.	3.3	1
3	Molecular length effect on work function shifts at copper-organophosphonate-hafnia interfaces. Applied Physics Letters, 2017, 110, .	3.3	3
4	Multifold Electrical Conductance Enhancements at Metal–Bismuth Telluride Interfaces Modified Using an Organosilane Monolayer. ACS Applied Materials & Interfaces, 2017, 9, 2001-2005.	8.0	13
5	Tailoring Al-SiO2 interfacial work function using an organophosphonate nanolayer. Applied Physics Letters, 2017, 111, .	3.3	3
6	Work function tuning at Au-HfO2 interfaces using organophosphonate monolayers. Applied Physics Letters, 2016, 108, .	3.3	11
7	Effect of molecular length on the electrical conductance across metal-alkanedithiol-Bi2Te3 interfaces. Applied Physics Letters, 2016, 109, .	3.3	5
8	Interplay between bond breaking and plasticity during fracture at a nanomolecularly-modified metal-ceramic interface. Scripta Materialia, 2016, 121, 42-44.	5.2	5
9	Tuning of noble metal work function with organophosphonate nanolayers. Applied Physics Letters, 2014, 105, .	3.3	10