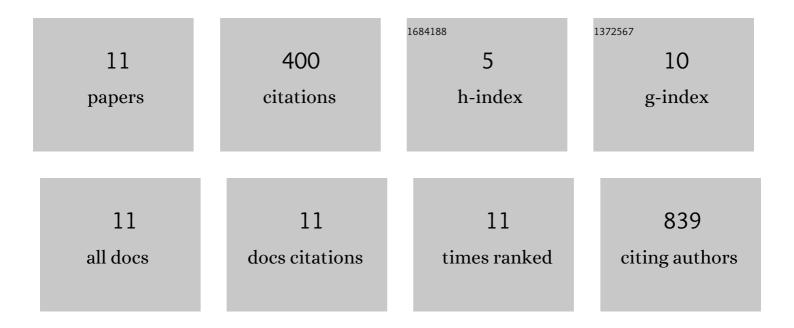
B S Kim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6903517/publications.pdf Version: 2024-02-01



RSKIM

#	Article	IF	CITATIONS
1	Highly Enhanced Photoactivity of Anatase TiO ₂ Nanocrystals by Controlled Hydrogenation-Induced Surface Defects. ACS Catalysis, 2013, 3, 2479-2486.	11.2	334
2	The effect of oxygen vacancies on the binding interactions of NH3 with rutile TiO2(110)-1 × 1. Physical Chemistry Chemical Physics, 2012, 14, 15060.	2.8	15
3	Unexpected Nondissociative Binding of N ₂ O on Oxygen Vacancies on a Rutile TiO ₂ (110)-1×1. Journal of Physical Chemistry C, 2012, 116, 1145-1150.	3.1	15
4	Low-Temperature Desorption of N ₂ O from NO on Rutile TiO ₂ (110)-1 × 1. Journal of Physical Chemistry C, 2014, 118, 9544-9550.	3.1	8
5	Ammonia Formation from NO Reaction with Surface Hydroxyls on Rutile TiO ₂ (110)-1 × 1. Journal of Physical Chemistry C, 2015, 119, 1130-1135.	3.1	6
6	Temperature-programmed desorption study of NO reactions on rutile TiO2(110)-1 × 1. Surface Science, 2016, 652, 148-155.	1.9	6
7	A passive mitigation strategy of impurity deposition on the first mirrors using duct with baffles: A case study at a port of KSTAR with in-situ deposition monitoring. Fusion Engineering and Design, 2018, 129, 269-276.	1.9	6
8	VUV spectroscopy in impurity injection experiments at KSTAR using prototype ITER VUV spectrometer. Review of Scientific Instruments, 2017, 88, 083511.	1.3	5
9	Suppression of Ag deposition by Ar gas in mtorr range and its implication to mitigation of impurity deposition on first mirrors. Current Applied Physics, 2015, 15, 1615-1619.	2.4	3
10	Experimental evaluation of the gas-phase collision cross-section ofÂeffusive Au beam with noble gases: The effect of size and flux. Current Applied Physics, 2014, 14, 543-546.	2.4	2
11	Data acquisition and monitoring system for KSTAR VUV spectrometer systems. Fusion Engineering and Design, 2022, 175, 112992.	1.9	Ο