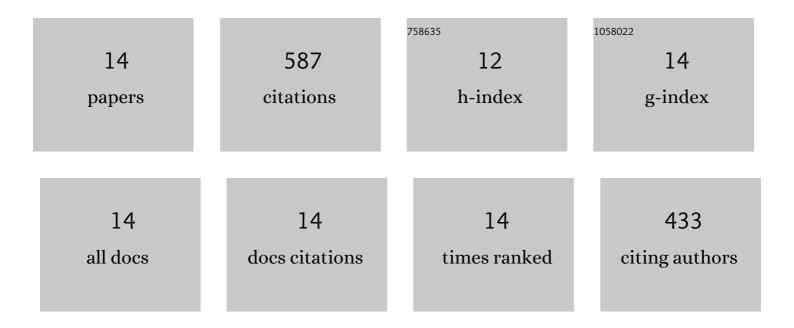
## Kaidi Wu

## List of Publications by Year in descending order

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Кліпі Мл

#	Article	IF	CITATIONS
1	Metal oxide semiconductors with highly concentrated oxygen vacancies for gas sensing materials: A review. Sensors and Actuators A: Physical, 2020, 309, 112026.	2.0	126
2	Zinc ferrite based gas sensors: A review. Ceramics International, 2019, 45, 11143-11157.	2.3	116
3	Room temperature gas sensors based on Ce doped TiO2 nanocrystals for highly sensitive NH3 detection. Chemical Engineering Journal, 2022, 444, 136449.	6.6	74
4	Stability of Metal Oxide Semiconductor Gas Sensors: A Review. IEEE Sensors Journal, 2022, 22, 5470-5481.	2.4	56
5	Gas sensing materials roadmap. Journal of Physics Condensed Matter, 2021, 33, 303001.	0.7	49
6	Micro-nano structured functional coatings deposited by liquid plasma spraying. Journal of Advanced Ceramics, 2020, 9, 517-534.	8.9	39
7	Synthesis and acetone sensing properties of ZnFe <sub>2</sub> O <sub>4</sub> /rGO gas sensors. Beilstein Journal of Nanotechnology, 2019, 10, 2516-2526.	1.5	24
8	Synthesis and acetone sensing properties of copper (Cu2+) substituted zinc ferrite hollow micro-nanospheres. Ceramics International, 2020, 46, 28835-28843.	2.3	20
9	Room-temperature gas sensors based on titanium dioxide quantum dots for highly sensitive and selective H2S detection. Applied Surface Science, 2022, 585, 152744.	3.1	20
10	Highly sensitive ZnO nanoparticles-loaded In2O3 hollow microsphere for detecting ppb-level NO2 at low working temperature. Progress in Natural Science: Materials International, 2020, 30, 469-476.	1.8	17
11	Facile synthesis and ppb-level H2S sensing performance of hierarchical CuO microflowers assembled with nano-spindles. Journal of Materials Science: Materials in Electronics, 2020, 31, 7937-7945.	1.1	16
12	ZnO1â^ coatings deposited by atmospheric plasma spraying for room temperature ppb-level NO2 detection. Applied Surface Science, 2020, 528, 147041.	3.1	13
13	Room temperature WO3-Bi2WO6 sensors based on hierarchical microflowers for ppb-level H2S detection. Chemical Engineering Journal, 2022, 430, 132813.	6.6	11
14	Room temperature NO2 sensing properties of ZnO1-α coating prepared by hydrogen reduction method. Ceramics International, 2021, 47, 29873-29880.	2.3	6