

# Yun-Jin Jeong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2822198/publications.pdf>

Version: 2024-02-01

12  
papers

266  
citations

1040056

9  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly durable crack sensor integrated with silicone rubber cantilever for measuring cardiac contractility. <i>Nature Communications</i> , 2020, 11, 535.	12.8	66
2	Hierarchical nanohybrids of B- and N-codoped graphene/mesoporous NiO nanodisks: an exciting new material for selective sensing of $H_2S$ at near ambient temperature. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9263-9278.	10.3	46
3	Facile in-situ formation of rGO/ZnO nanocomposite: Photocatalytic remediation of organic pollutants under solar illumination. <i>Materials Chemistry and Physics</i> , 2018, 218, 218-228.	4.0	40
4	Toward Point-of-Care chronic disease Management: Biomarker detection in exhaled breath using an E-Nose sensor based on rGO/SnO <sub>2</sub> superstructures. <i>Chemical Engineering Journal</i> , 2022, 448, 137736.	12.7	26
5	N/S- dual doped C@ZnO: An excellent material for highly selective and responsive NO <sub>2</sub> sensing at ambient temperatures. <i>Chemical Engineering Journal</i> , 2021, 421, 127740.	12.7	25
6	Micro-patterned SU-8 cantilever integrated with metal electrode for enhanced electromechanical stimulation of cardiac cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110682.	5.0	21
7	64 PI/PDMS hybrid cantilever arrays with an integrated strain sensor for a high-throughput drug toxicity screening application. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113380.	10.1	14
8	On-stage bioreactor platform integrated with nano-patterned and gold-coated PDMS diaphragm for live cell stimulation and imaging. <i>Materials Science and Engineering C</i> , 2021, 118, 111355.	7.3	11
9	Stabilizing nanocrystalline Cu <sub>2</sub> O with ZnO/rGO: Engineered photoelectrodes enables efficient water splitting. <i>Ceramics International</i> , 2021, 47, 7558-7570.	4.8	9
10	A Comparative Study of an Anti-Thrombotic Small-Diameter Vascular Graft with Commercially Available e-PTFE Graft in a Porcine Carotid Model. <i>Tissue Engineering and Regenerative Medicine</i> , 2022, 1.	3.7	7
11	Mea-On-Cantilever – A Novel Multifunctional Device for Drug Toxicity Screening in Cardiomyocytes. , 2021, , .		1
12	A Novel Stage-Top-Bioreactor Integrated with Nano-Textured Polydimethylsiloxane (PDMS) Diaphragm. , 2019, , .		0