

# Yu-Hung Chen

## List of Publications by Year in descending order

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32  
papers

2,131  
citations

304743

22  
h-index

434195

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g-index

32  
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32  
docs citations

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times ranked

3776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms behind photocatalytic CO <sub>2</sub> reduction by CsPbBr <sub>3</sub> perovskite-graphene-based nanoheterostructures. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119751.	20.2	46
2	Effects of Interfacial Oxidative Layer Removal on Charge Carrier Recombination Dynamics in InP/ZnSe <sub>1-x</sub> S <sub>x</sub> Core/Shell Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7194-7200.	4.6	23
3	Synergistic Effects of Surface Passivation and Charge Separation to Improve Photo-electrochemical Performance of BiOI Nanoflakes by Au Nanoparticle Decoration. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 5721-5730.	8.0	17
4	Potential Zika Vaccine: Encapsulated Nanocomplex Promotes Both T H 1/T H 2 Responses in Mice. <i>Advanced Therapeutics</i> , 2020, 3, 1900197.	3.2	4
5	Implantable microneedles with an immune-boosting function for effective intradermal influenza vaccination. <i>Acta Biomaterialia</i> , 2019, 97, 230-238.	8.3	47
6	New Insights into the Electron-Collection Efficiency Improvement of CdS-Sensitized TiO <sub>2</sub> Nanorod Photoelectrodes by Interfacial Seed-Layer Mediation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 8126-8137.	8.0	34
7	Homoharringtonine induced immune alteration for an Efficient Anti-tumor Response in Mouse Models of Non-small Cell Lung Adenocarcinoma Expressing Kras Mutation. <i>Scientific Reports</i> , 2018, 8, 8216.	3.3	27
8	Skin Delivery of Clec4a Small Hairpin RNA Elicited an Effective Antitumor Response by Enhancing CD8 + Immunity InAVivo. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 9, 419-427.	5.1	9
9	HLH-30/TFEB-mediated autophagy functions in a cell-autonomous manner for epithelium intrinsic cellular defense against bacterial pore-forming toxin in <i>C. elegans</i> . <i>Autophagy</i> , 2017, 13, 371-385.	9.1	46
10	Immunization with Recombinant TcdB-Encapsulated Nanocomplex Induces Protection against Clostridium difficile Challenge in a Mouse Model. <i>Frontiers in Microbiology</i> , 2017, 8, 1411.	3.5	16
11	A simple electrokinetic protein preconcentrator utilizing nano-interstices. <i>Biomicrofluidics</i> , 2016, 10, 024121.	2.4	11
12	Preconcentration-enhanced immunosensing for whole human cancer cell lysate based on a nanofluidic preconcentrator. <i>Biochip Journal</i> , 2016, 10, 159-166.	4.9	5
13	Sample Preconcentration Utilizing Nanofractures Generated by Junction Gap Breakdown Assisted by Self-Assembled Monolayer of Gold Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0126641.	2.5	13
14	Protein Preconcentration Using Nanofractures Generated by Nanoparticle-Assisted Electric Breakdown at Junction Gaps. <i>PLoS ONE</i> , 2014, 9, e102050.	2.5	12
15	Current progress in dengue vaccines. <i>Journal of Biomedical Science</i> , 2013, 20, 37.	7.0	59
16	Dual Drug-Eluting Stents Coated with Multilayers of Hydrophobic Heparin and Sirolimus. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 12944-12953.	8.0	38
17	TGF $\beta$ 1 Conjugated to Gold Nanoparticles Results in Protein Conformational Changes and Attenuates the Biological Function. <i>Small</i> , 2013, 9, 2119-2128.	10.0	31
18	Single-Cell Electric Lysis on an Electroosmotic-Driven Microfluidic Chip with Arrays of Microwells. <i>Sensors</i> , 2012, 12, 6967-6977.	3.8	23

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19	Galectin-1 Binds to Influenza Virus and Ameliorates Influenza Virus Pathogenesis. <i>Journal of Virology</i> , 2011, 85, 10010-10020.	3.4	103
20	Cathepsin L mediates resveratrol-induced autophagy and apoptotic cell death in cervical cancer cells. <i>Autophagy</i> , 2009, 5, 451-460.	9.1	137
21	Increased apoptotic potential and dose-enhancing effect of gold nanoparticles in combination with single-dose clinical electron beams on tumor-bearing mice. <i>Cancer Science</i> , 2008, 99, 1479-1484.	3.9	242
22	Methotrexate Conjugated to Gold Nanoparticles Inhibits Tumor Growth in a Syngeneic Lung Tumor Model. <i>Molecular Pharmaceutics</i> , 2007, 4, 713-722.	4.6	326
23	Amelioration of collagen-induced arthritis in rats by nanogold. <i>Arthritis and Rheumatism</i> , 2007, 56, 544-554.	6.7	173
24	A Nonviral Transfection Approach in Vitro: The Design of a Gold Nanoparticle Vector Joint with Microelectromechanical Systems. <i>Langmuir</i> , 2004, 20, 1369-1374.	3.5	55
25	Laser-induced alloying Au-Pd and Ag-Pd colloidal mixtures: the formation of dispersed Au/Pd and Ag/Pd nanoparticlesElectronic supplementary information (ESI) available: TEM images of the molar ratios 2:1 for both Au-Pd and Ag-Pd colloids. See <a href="http://www.rsc.org/suppdata/jm/b2/b200587e/">http://www.rsc.org/suppdata/jm/b2/b200587e/</a> . <i>Journal of Materials Chemistry</i> , 2002, 12, 1419-1422.	6.7	64
26	Laser ablation method: use of surfactants to form the dispersed Ag nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 197, 133-139.	4.7	232
27	A new approach for the formation of alloy nanoparticles: laser synthesis of gold-silver alloy from gold-silver colloidal mixtures. <i>Chemical Communications</i> , 2001, , 371-372.	4.1	132
28	Analysis of DNA fragments by microchip electrophoresis fabricated on poly(methyl methacrylate) substrates using a wire-imprinting method. <i>Electrophoresis</i> , 2000, 21, 165-170.	2.4	93
29	Probing the formation process of aluminium hydroxide nanoparticles prepared by laser ablation with <sup>27</sup> Al NMR spectroscopy. <i>Journal of Materials Chemistry</i> , 2000, 10, 2802-2804.	6.7	20
30	Plastic Microchip Electrophoresis for Analysis of PCR Products of Hepatitis C Virus. <i>Clinical Chemistry</i> , 1999, 45, 1938-1943.	3.2	70
31	Pharmacokinetic applications of capillary electrophoresis. <i>Electrophoresis</i> , 1999, 20, 3259-3268.	2.4	23
32	Nanoparticle-mediated in-vitro gene transfection on the micro electroporation chip. , 0, , .		0