

# Ying-Nien Chou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3918497/publications.pdf>

Version: 2024-02-01

17  
papers

486  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stealth Surface Modification of Surface-Enhanced Raman Scattering Substrates for Sensitive and Accurate Detection in Protein Solutions. <i>ACS Nano</i> , 2015, 9, 2668-2676.	14.6	89
2	Ultra-low fouling and high antibody loading zwitterionic hydrogel coatings for sensing and detection in complex media. <i>Acta Biomaterialia</i> , 2016, 40, 31-37.	8.3	77
3	Zwitterionic surface grafting of epoxytated sulfobetaine copolymers for the development of stealth biomaterial interfaces. <i>Acta Biomaterialia</i> , 2016, 40, 78-91.	8.3	71
4	Applying Thermosettable Zwitterionic Copolymers as General Fouling-Resistant and Thermal-Tolerant Biomaterial Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10096-10107.	8.0	50
5	An anti-fouling nanoplasmonic SERS substrate for trapping and releasing a cationic fluorescent tag from human blood solution. <i>Nanoscale</i> , 2017, 9, 2865-2874.	5.6	28
6	Epoxytated Zwitterionic Triblock Copolymers Grafted onto Metallic Surfaces for General Biofouling Mitigation. <i>Langmuir</i> , 2017, 33, 9822-9835.	3.5	28
7	A combined polymerization and self-assembling process for the fouling mitigation of PVDF membranes. <i>Journal of Membrane Science</i> , 2018, 547, 134-145.	8.2	24
8	Self-Cleaning Interfaces of Polydimethylsiloxane Grafted with pH-Responsive Zwitterionic Copolymers. <i>Langmuir</i> , 2019, 35, 1357-1368.	3.5	24
9	Surface zwitterionization on versatile hydrophobic interfaces via a combined copolymerization/self-assembling process. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4909-4919.	5.8	22
10	Bio-inert interfaces via biomimetic anchoring of a zwitterionic copolymer on versatile substrates. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 77-89.	9.4	20
11	Effect of annealing ZnO on the performance of inverted polymer light-emitting diodes based on SAM/ZnO as an electron injection layer. <i>Organic Electronics</i> , 2011, 12, 1477-1482.	2.6	18
12	Hole-injection enhancement of top-emissive polymer light-emitting diodes by P3HT/FNAB modification of Ag anode. <i>Organic Electronics</i> , 2009, 10, 1141-1145.	2.6	12
13	Convergent charge interval spacing of zwitterionic 4-vinylpyridine carboxybetaine structures for superior blood-inert regulation in amphiphilic phases. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8437-8450.	5.8	8
14	Fluorescent porous silicon biological probes with high quantum efficiency and stability. <i>Optics Express</i> , 2014, 22, 29996.	3.4	6
15	Temperature-triggered attachment and detachment of general human bio-foulants on zwitterionic polydimethylsiloxane. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8853-8863.	5.8	4
16	Polyurethane modified by oxetane grafted chitosan as bioadhesive. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1100-1114.	3.4	3
17	Microgel-reinforced PVA hydrogel with self-healing and hyaluronic acid drug-releasing properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1224-1235.	3.4	2