

# Dave W Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

375  
citations

933447

10  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

557  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Vitro</i> Activities of Daptomycin-, Vancomycin-, and Teicoplanin-Loaded Polymethylmethacrylate against Methicillin-Susceptible, Methicillin-Resistant, and Vancomycin-Intermediate Strains of <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5480-5484.	3.2	65
2	The Preparation of Graphene Oxide-Silver Nanocomposites: The Effect of Silver Loads on Gram-Positive and Gram-Negative Antibacterial Activities. <i>Nanomaterials</i> , 2018, 8, 163.	4.1	63
3	Synergistic Antibacterial Activity of Silver-Loaded Graphene Oxide towards <i>Staphylococcus Aureus</i> and <i>Escherichia Coli</i> . <i>Nanomaterials</i> , 2020, 10, 366.	4.1	48
4	Continuous intra-articular infusion of bupivacaine for postoperative pain relief after total hip arthroplasty: A randomized, placebo-controlled, double-blind study. <i>European Journal of Pain</i> , 2010, 14, 529-534.	2.8	25
5	Size-Dependent Antibacterial Activity of Silver Nanoparticle-Loaded Graphene Oxide Nanosheets. <i>Nanomaterials</i> , 2020, 10, 1207.	4.1	25
6	Intra-Articular Bupivacaine Reduces Postoperative Pain and Meperidine Use After Total Hip Arthroplasty: A Randomized, Double-Blind Study. <i>Journal of Arthroplasty</i> , 2014, 29, 2457-2461.	3.1	22
7	Study of High Performance Sulfonated Polyether Ether Ketone Composite Electrolyte Membranes. <i>Polymers</i> , 2019, 11, 1177.	4.5	19
8	Antibacterial Application on <i>Staphylococcus aureus</i> Using Antibiotic Agent/Zinc Oxide Nanorod Arrays/Polyethyleneetherketone Composite Samples. <i>Nanomaterials</i> , 2019, 9, 713.	4.1	15
9	Prismatic Silver Nanoparticles Decorated on Graphene Oxide Sheets for Superior Antibacterial Activity. <i>Pharmaceutics</i> , 2022, 14, 924.	4.5	14
10	Effects of Annealing on Characteristics of Cu <sub>2</sub> ZnSnSe <sub>4</sub> /CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> /ZnS/IZO Nanostructures for Enhanced Photovoltaic Solar Cells. <i>Nanomaterials</i> , 2020, 10, 521.	4.1	13
11	Triggers and decision-making patterns for receiving total knee arthroplasty among older adults with knee osteoarthritis: A qualitative descriptive study. <i>Journal of Clinical Nursing</i> , 2018, 27, 4373-4380.	3.0	11
12	Facilitating GL13K Peptide Grafting on Polyetheretherketone via 1-Ethyl-3-(3-dimethylaminopropyl)carbodiimide: Surface Properties and Antibacterial Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 359.	4.1	11
13	Efficacy of antimicrobial peptides (AMPs) against <i>Escherichia coli</i> and bacteria morphology change after AMP exposure. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 307-312.	5.3	10
14	Preparation and Characterization for Antibacterial Activities of 3D Printing Polyetheretherketone Disks Coated with Various Ratios of Ampicillin and Vancomycin Salts. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 97.	2.5	9
15	The impact of systemic lupus erythematosus on the risk of infection after total hip arthroplasty: a nationwide population-based matched cohort study. <i>Arthritis Research and Therapy</i> , 2020, 22, 214.	3.5	8
16	Antibacterial Activity Studies of 3D-Printing Polyetheretherketone Substrates with Surface Growth of 2D TiO <sub>2</sub> /ZnO Rodlike Arrays. <i>ACS Omega</i> , 2022, 7, 9559-9572.	3.5	6
17	The Influence of Storage Temperature on the Antibiotic Release of Vancomycin-Loaded Polymethylmethacrylate. <i>Scientific World Journal</i> , The, 2013, 2013, 1-4.	2.1	3
18	A Comparative Study of E-Beam Deposited Gate Dielectrics on Channel Width-Dependent Performance and Reliability of a-IGZO Thin-Film Transistors. <i>Materials</i> , 2018, 11, 2502.	2.9	3

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19	Osteoblast Biocompatibility and Antibacterial Effects Using 2-Methacryloyloxyethyl Phosphocholine-Grafted Stainless-Steel Composite for Implant Applications. <i>Nanomaterials</i> , 2019, 9, 939.	4.1	3
20	Preparation and Characterization of Thin-Film Solar Cells with Ag/C60/MAPbI3/CZTSe/Mo/FTO Multilayered Structures. <i>Molecules</i> , 2021, 26, 3516.	3.8	2