# Dave W Chen

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Antibacterial Activity Studies of 3D-Printing Polyetheretherketone Substrates with Surface Growth of 2D TiO<sub>2</sub>/ZnO Rodlike Arrays. ACS Omega, 2022, 7, 9559-9572. | 3.5 | 6 |
| 2 | Facilitating GL13K Peptide Grafting on Polyetheretherketone via 1-Ethyl-3-(3-dimethylaminopropyl)carbodiimide: Surface Properties and Antibacterial Activity. International Journal of Molecular Sciences, 2022, 23, 359. | 4.1 | 11 |
| 3 | Prismatic Silver Nanoparticles Decorated on Graphene Oxide Sheets for Superior Antibacterial Activity. Pharmaceutics, 2022, 14, 924. | 4.5 | 14 |
| 4 | Preparation and Characterization of Thin-Film Solar Cells with Ag/C60/MAPbI3/CZTSe/Mo/FTO Multilayered Structures. Molecules, 2021, 26, 3516. | 3.8 | 2 |
| 5 | Efficacy of antimicrobial peptides (AMPs) against Escherichia coli and bacteria morphology change after AMP exposure. Journal of the Taiwan Institute of Chemical Engineers, 2021, 126, 307-312. | 5.3 | 10 |
| 6 | The impact of systemic lupus erythematosus on the risk of infection after total hip arthroplasty: a nationwide population-based matched cohort study. Arthritis Research and Therapy, 2020, 22, 214. | 3.5 | 8 |
| 7 | Effects of Annealing on Characteristics of Cu2ZnSnSe4/CH3NH3PbI3/ZnS/IZO Nanostructures for Enhanced Photovoltaic Solar Cells. Nanomaterials, 2020, 10, 521. | 4.1 | 13 |
| 8 | Size-Dependent Antibacterial Activity of Silver Nanoparticle-Loaded Graphene Oxide Nanosheets. Nanomaterials, 2020, 10, 1207. | 4.1 | 25 |
| 9 | Synergistic Antibacterial Activity of Silver-Loaded Graphene Oxide towards Staphylococcus Aureus and Escherichia Coli. Nanomaterials, 2020, 10, 366. | 4.1 | 48 |
| 10 | Preparation and Characterization for Antibacterial Activities of 3D Printing Polyetheretherketone Disks Coated with Various Ratios of Ampicillin and Vancomycin Salts. Applied Sciences (Switzerland), 2020, 10, 97. | 2.5 | 9 |
| 11 | Osteoblast Biocompatibility and Antibacterial Effects Using 2-Methacryloyloxyethyl Phosphocholine-Grafted Stainless-Steel Composite for Implant Applications. Nanomaterials, 2019, 9, 939. | 4.1 | 3 |
| 12 | Study of High Performance Sulfonated Polyether Ether Ketone Composite Electrolyte Membranes. Polymers, 2019, 11, 1177. | 4.5 | 19 |
| 13 | Antibacterial Application on Staphylococcus aureus Using Antibiotic Agent/Zinc Oxide Nanorod Arrays/Polyethylethylketone Composite Samples. Nanomaterials, 2019, 9, 713. | 4.1 | 15 |
| 14 | A Comparative Study of E-Beam Deposited Gate Dielectrics on Channel Width-Dependent Performance and Reliability of a-IGZO Thin-Film Transistors. Materials, 2018, 11, 2502. | 2.9 | 3 |
| 15 | The Preparation of Graphene Oxide-Silver Nanocomposites: The Effect of Silver Loads on Gram-Positive and Gram-Negative Antibacterial Activities. Nanomaterials, 2018, 8, 163. | 4.1 | 63 |
| 16 | Triggers and decisionâ€making patterns for receiving total kneeÂarthroplasty among older adults with knee osteoarthritis: A qualitative descriptive study. Journal of Clinical Nursing, 2018, 27, 4373-4380. | 3.0 | 11 |
| 17 | Intra-Articular Bupivacaine Reduces Postoperative Pain and Meperidine Use After Total Hip Arthroplasty: A Randomized, Double-Blind Study. Journal of Arthroplasty, 2014, 29, 2457-2461. | 3.1 | 22 |
| 18 | The Influence of Storage Temperature on the Antibiotic Release of Vancomycin-Loaded Polymethylmethacrylate. Scientific World Journal, The, 2013, 2013, 1-4. | 2.1 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | In Vitro Activities of Daptomycin-, Vancomycin-, and Teicoplanin-Loaded Polymethylmethacrylate against Methicillin-Susceptible, Methicillin-Resistant, and Vancomycin-Intermediate Strains of Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2011, 55, 5480-5484. | 3.2 | 65 |
| 20 | Continuous intraâ€articular infusion of bupivacaine for postâ€operative pain relief after total hip arthroplasty: A randomized, placeboâ€controlled, doubleâ€blind study. European Journal of Pain, 2010, 14, 529-534. | 2.8 | 25 |