

Danielle Neut

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,173
citations

257101

24
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

2478
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Infection of orthopedic implants and the use of antibiotic-loaded bone cements: A review. <i>Acta Orthopaedica</i> , 2001, 72, 557-571. | 1.4 | 307 |
| 2 | Detection of Biomaterial-Associated Infections in Orthopaedic Joint Implants. <i>Clinical Orthopaedics and Related Research</i> , 2003, 413, 261-268. | 0.7 | 196 |
| 3 | Residual gentamicin-release from antibiotic-loaded polymethylmethacrylate beads after 5 years of implantation. <i>Biomaterials</i> , 2003, 24, 1829-1831. | 5.7 | 172 |
| 4 | <i>Staphylococcus aureus</i> biofilm formation on different gentamicin-loaded polymethylmethacrylate bone cements. <i>Biomaterials</i> , 2001, 22, 1607-1611. | 5.7 | 143 |
| 5 | Biodegradable vs non-biodegradable antibiotic delivery devices in the treatment of osteomyelitis. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 341-351. | 2.4 | 138 |
| 6 | Gentamicin release from polymethylmethacrylate bone cements and <i>Staphylococcus aureus</i> biofilm formation. <i>Acta Orthopaedica</i> , 2000, 71, 625-629. | 1.4 | 126 |
| 7 | The role of small-colony variants in failure to diagnose and treat biofilm infections in orthopedics. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 78, 299-308. | 1.2 | 107 |
| 8 | The Not-So-Good Prognosis of Streptococcal Periprosthetic Joint Infection Managed by Implant Retention: The Results of a Large Multicenter Study. <i>Clinical Infectious Diseases</i> , 2017, 64, 1742-1752. | 2.9 | 97 |
| 9 | The effect of mixing on gentamicin release from polymethylmethacrylate bone cements. <i>Acta Orthopaedica</i> , 2003, 74, 670-676. | 1.4 | 95 |
| 10 | Copal Bone Cement Is More Effective in Preventing Biofilm Formation than Palacos R-G. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 1492-1498. | 0.7 | 84 |
| 11 | <i>Pseudomonas aeruginosa</i> biofilm formation and slime excretion on antibiotic-loaded bone cement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 76, 109-114. | 1.2 | 72 |
| 12 | A surface-eroding antibiotic delivery system based on poly-(trimethylene carbonate). <i>Biomaterials</i> , 2009, 30, 4738-4742. | 5.7 | 65 |
| 13 | ...or not to treat?. <i>Nature Medicine</i> , 1999, 5, 358-359. | 15.2 | 58 |
| 14 | Gentamicin-loaded bone cement with clindamycin or fusidic acid added: Biofilm formation and antibiotic release. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 73A, 165-170. | 2.1 | 54 |
| 15 | A biodegradable antibiotic delivery system based on poly-(trimethylene carbonate) for the treatment of osteomyelitis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 80, 514-519. | 1.2 | 54 |
| 16 | The combination of ultrasound with antibiotics released from bone cement decreases the viability of planktonic and biofilm bacteria: an in vitro study with clinical strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 1287-1290. | 1.3 | 53 |
| 17 | Successful Treatment of <i>Candida Albicans</i> "Infected Total Hip Prosthesis With Staged Procedure Using an Antifungal-Loaded Cement Spacer. <i>Journal of Arthroplasty</i> , 2013, 28, 374.e5-374.e8. | 1.5 | 46 |
| 18 | Concepts for increasing gentamicin release from handmade bone cement beads. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 80, 508-513. | 1.2 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effects of vitamin E incorporation in polyethylene on oxidative degradation, wear rates, immune response, and infections in total joint arthroplasty: a review of the current literature. <i>International Orthopaedics</i> , 2019, 43, 1549-1557. | 0.9 | 37 |
| 20 | Gentamicin release from commercially-available gentamicin-loaded PMMA bone cements in a prosthesis-related interfacial gap model and their antibacterial efficacy. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 258. | 0.8 | 36 |
| 21 | The release of gentamicin from acrylic bone cements in a simulated prosthesis-related interfacial gap. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 64B, 1-5. | 3.0 | 32 |
| 22 | Antimicrobial efficacy of gentamicin-loaded acrylic bone cements with fusidic acid or clindamycin added. <i>Journal of Orthopaedic Research</i> , 2006, 24, 291-299. | 1.2 | 32 |
| 23 | Antibacterial efficacy of a new gentamicin coating for cementless prostheses compared to gentamicin-loaded bone cement. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1654-1661. | 1.2 | 32 |
| 24 | A gentamicin-releasing coating for cementless hip prostheses: Longitudinal evaluation of efficacy using <i>in vitro</i> bio-optical imaging and its wide-spectrum antibacterial efficacy. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3220-3226. | 2.1 | 29 |
| 25 | The influence of Co-Cr and UHMWPE particles on infection persistence: An <i>in vivo</i> study in mice. <i>Journal of Orthopaedic Research</i> , 2012, 30, 341-347. | 1.2 | 17 |
| 26 | Poly(trimethylene carbonate) as a carrier for rifampicin and vancomycin to target therapy-resistant staphylococcal biofilms. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1828-1837. | 1.2 | 16 |
| 27 | Metal-on-metal bearings in total hip arthroplasties: Influence of cobalt and chromium ions on bacterial growth and biofilm formation. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 711-716. | 2.1 | 14 |
| 28 | Influence of Co-Cr Particles and Co-Cr Ions on the Growth of Staphylococcal Biofilms. <i>International Journal of Artificial Organs</i> , 2011, 34, 759-765. | 0.7 | 13 |
| 29 | The influence of cyclic loading on gentamicin release from acrylic bone cements. <i>Journal of Biomechanics</i> , 2005, 38, 953-957. | 0.9 | 10 |
| 30 | Inhibitive Effect of Antibiotic-Loaded Beads to Cure Chronic Osteomyelitis in Developing Country: Hand-made vs Commercial Beads. <i>IFMBE Proceedings</i> , 2007, , 113-117. | 0.2 | 0 |