

# Danielle Neut

## List of Publications by Year in descending order

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30  
papers

2,173  
citations

257450  
24  
h-index

477307  
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.	1.5	196
3	Residual gentamicin-release from antibiotic-loaded polymethylmethacrylate beads after 5 years of implantation. <i>Biomaterials</i> , 2003, 24, 1829-1831.	11.4	172
4	<i>Staphylococcus aureus</i> biofilm formation on different gentamicin-loaded polymethylmethacrylate bone cements. <i>Biomaterials</i> , 2001, 22, 1607-1611.	11.4	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.	5.0	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.	3.3	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.	5.8	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.	1.5	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.	3.3	72
12	A surface-eroding antibiotic delivery system based on poly-(trimethylene carbonate). <i>Biomaterials</i> , 2009, 30, 4738-4742.	11.4	65
13	...or not to treat?. <i>Nature Medicine</i> , 1999, 5, 358-359.	30.7	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.	4.0	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.	3.3	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.	3.0	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.	3.1	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.	3.3	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.	1.9	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.	1.9	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.	3.1	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.	2.3	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.	2.3	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.	4.0	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.	2.3	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.	2.3	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.	4.0	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.	1.4	13
29	The influence of cyclic loading on gentamicin release from acrylic bone cements. <i>Journal of Biomechanics</i> , 2005, 38, 953-957.	2.1	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.	0.3	0