

Georg Schnell

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Laser Pulse Overlap and Scanning Line Overlap on Femtosecond Laser-Structured Ti6Al4V Surfaces. <i>Materials</i> , 2020, 13, 969.	2.9	44
2	Femtosecond Laser Nano/Micro Textured Ti6Al4V Surfacesâ€™Effect on Wetting and MG-63 Cell Adhesion. <i>Materials</i> , 2019, 12, 2210.	2.9	33
3	Effect of Chemical Solvents on the Wetting Behavior Over Time of Femtosecond Laser Structured Ti6Al4V Surfaces. <i>Nanomaterials</i> , 2020, 10, 1241.	4.1	30
4	Heat accumulation during femtosecond laser treatment at high repetition rate â€™ A morphological, chemical and crystallographic characterization of self-organized structures on Ti6Al4V. <i>Applied Surface Science</i> , 2021, 570, 151115.	6.1	17
5	Interactive effects of ZnO nanoparticles and temperature on molecular and cellular stress responses of the blue mussel <i>Mytilus edulis</i> . <i>Science of the Total Environment</i> , 2022, 818, 151785.	8.0	11
6	Time-Dependent Anisotropic Wetting Behavior of Deterministic Structures of Different Strut Widths on Ti6Al4V. <i>Metals</i> , 2019, 9, 938.	2.3	9
7	A New Method for Modeling the Cyclic Structure of the Surface Microrelief of Titanium Alloy Ti6Al4V After Processing with Femtosecond Pulses. <i>Materials</i> , 2020, 13, 4983.	2.9	4
8	Ring-Shaped Surface Microstructures for Improved Lubrication Performance of Joint Prostheses. <i>Lubricants</i> , 2020, 8, 45.	2.9	4
9	Study of the tribological properties of surface structures using ultrashort laser pulses to reduce wear in endoprosthetics. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 205.	2.3	2