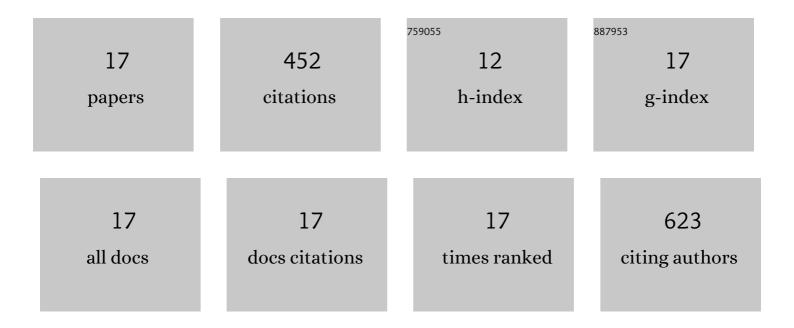
Olivija Plohl

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mesoporous silica nanoparticles modified with N-rich polymer as a potentially environmentally-friendly delivery system for pesticides. Microporous and Mesoporous Materials, 2021, 310, 110663.	2.2	30
2	Magnetic nanostructures functionalized with a derived lysine coating applied to simultaneously remove heavy metal pollutants from environmental systems. Science and Technology of Advanced Materials, 2021, 22, 55-71.	2.8	10
3	Bioactive Functional Nanolayers of Chitosan–Lysine Surfactant with Single- and Mixed-Protein-Repellent and Antibiofilm Properties for Medical Implants. ACS Applied Materials & Interfaces, 2021, 13, 23352-23368.	4.0	16
4	Metallisation of Textiles and Protection of Conductive Layers: An Overview of Application Techniques. Sensors, 2021, 21, 3508.	2.1	31
5	A Magnetic Nanocomposite Modifier for Improved Ultrasensitive Detection of Hexavalent Chromium in Water Samples. Chemosensors, 2021, 9, 189.	1.8	1
6	Development of Biodegradable Whey-Based Laminate Functionalised by Chitosan–Natural Extract Formulations. International Journal of Molecular Sciences, 2020, 21, 3668.	1.8	12
7	Applicability of electro-osmotic flow for the analysis of the surface zeta potential. RSC Advances, 2020, 10, 6777-6789.	1.7	15
8	Physicochemical Characterization of Packaging Foils Coated by Chitosan and Polyphenols Colloidal Formulations. International Journal of Molecular Sciences, 2020, 21, 495.	1.8	34
9	Functionalization of Polyethylene (PE) and Polypropylene (PP) Material Using Chitosan Nanoparticles with Incorporated Resveratrol as Potential Active Packaging. Materials, 2019, 12, 2118.	1.3	59
10	Highly Protein Repellent and Antiadhesive Polysaccharide Biomaterial Coating for Urinary Catheter Applications. ACS Biomaterials Science and Engineering, 2019, 5, 5825-5832.	2.6	29
11	Superior stability and high biosorbent efficiency of carboxymethylchitosan covalently linked to silica-coated core-shell magnetic nanoparticles for application in copper removal. Journal of Environmental Chemical Engineering, 2019, 7, 102913.	3.3	21
12	Functionalisation of Silicone by Drug-Embedded Chitosan Nanoparticles for Potential Applications in Otorhinolaryngology. Materials, 2019, 12, 847.	1.3	10
13	Efficient Copper Removal from an Aqueous Anvironment using a Novel and Hybrid Nanoadsorbent Based on Derived-Polyethyleneimine Linked to Silica Magnetic Nanocomposites. Nanomaterials, 2019, 9, 209.	1.9	21
14	Surface modification of silicone with colloidal polysaccharides formulations for the development of antimicrobial urethral catheters. Applied Surface Science, 2019, 463, 889-899.	3.1	24
15	Amphiphilic coatings for the protection of upconverting nanoparticles against dissolution in aqueous media. Dalton Transactions, 2017, 46, 6975-6984.	1.6	35
16	Optically Detected Degradation of NaYF ₄ :Yb,Tm-Based Upconversion Nanoparticles in Phosphate Buffered Saline Solution. Langmuir, 2017, 33, 553-560.	1.6	55
17	Dissolution Mechanism of Upconverting AYF ₄ :Yb,Tm (A = Na or K) Nanoparticles in Aqueous Media. Langmuir, 2016, 32, 8222-8229.	1.6	49