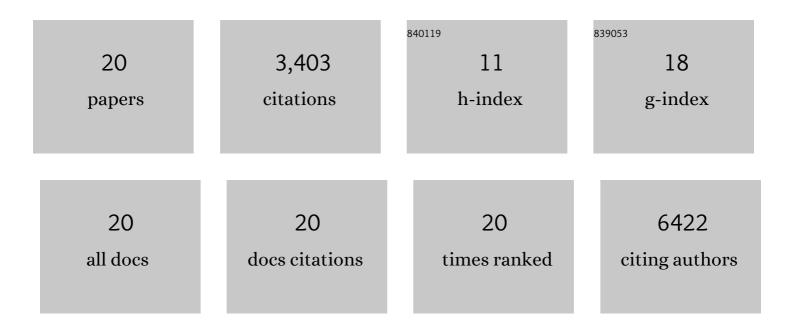
Jenny Aveyard

List of Publications by Year in descending order

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IENNY AVEVADD

#	Article	IF	CITATIONS
1	Determination of Size and Concentration of Gold Nanoparticles from UVâ^'Vis Spectra. Analytical Chemistry, 2007, 79, 4215-4221.	3.2	3,008
2	Modified Mesoporous Silica Nanoparticles with a Dual Synergetic Antibacterial Effect. ACS Applied Materials & Interfaces, 2017, 9, 38364-38372.	4.0	64
3	One step visual detection of PCR products with gold nanoparticles and a nucleic acid lateral flow (NALF) device. Chemical Communications, 2007, , 4251.	2.2	58
4	Gold and silver nanoparticles functionalized with known numbers of oligonucleotides per particle for DNA detection. Chemical Communications, 2004, , 2804.	2.2	50
5	One molecule per particle method for functionalising nanoparticlesElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b4/b402786h/. Chemical Communications, 2004, , 1156.	2.2	36
6	Linker-free covalent immobilization of nisin using atmospheric pressure plasma induced grafting. Journal of Materials Chemistry B, 2017, 5, 2500-2510.	2.9	32
7	Antimicrobial Nitric Oxide Releasing Contact Lens Gels for the Treatment of Microbial Keratitis. ACS Applied Materials & Interfaces, 2019, 11, 37491-37501.	4.0	30
8	Nitric Oxide Releasing Polymeric Coatings for the Prevention of Biofilm Formation. Polymers, 2017, 9, 601.	2.0	29
9	Nitric Oxide Releasing Titanium Surfaces for Antimicrobial Bone-Integrating Orthopedic Implants. ACS Applied Materials & Interfaces, 2020, 12, 22433-22443.	4.0	23
10	Improving the Sensitivity of Immunoassays by Tuning Gold Nanoparticles to the Tipping Point. Analytical Chemistry, 2008, 80, 6001-6005.	3.2	16
11	Modification of heat-induced whey protein isolate hydrogel with highly bioactive glass particles results in promising biomaterial for bone tissue engineering. Materials and Design, 2021, 205, 109749.	3.3	14
12	Actin Filament Motility Induced Variation of Resonance Frequency and Rigidity of Polymer Surfaces Studied by Quartz Crystal Microbalance. Langmuir, 2012, 28, 15033-15037.	1.6	9
13	Dairy-Inspired Coatings for Bone Implants from Whey Protein Isolate-Derived Self-Assembled Fibrils. International Journal of Molecular Sciences, 2020, 21, 5544.	1.8	8
14	Antimicrobial Nitric Oxide-Releasing Electrospun Dressings for Wound Healing Applications. ACS Materials Au, 2022, 2, 190-203.	2.6	8
15	Surface-Controlled Properties of Myosin Studied by Electric Field Modulation. Langmuir, 2015, 31, 8354-8361.	1.6	7
16	Microfabricated magnetic bead polydimethylsiloxane microarrays. Microelectronic Engineering, 2010, 87, 760-764.	1.1	5
17	Effect of Polymer Demixed Nanotopographies on Bacterial Adhesion and Biofilm Formation. Polymers, 2019, 11, 1921.	2.0	3
18	Fluorescence Interference Contrast-enabled structures improve the microarrays performance. Biosensors and Bioelectronics, 2019, 123, 251-259.	5.3	3

#	Article	IF	CITATIONS
19	Actin motility confinement on micro/nanostructured surfaces. Proceedings of SPIE, 2013, , .	0.8	0
20	Electric field modulation of the motility of actin filaments on myosin-functionalised surfaces. , 2013, ,		0

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