

Alsu I Zamaleeva

List of Publications by Year in descending order

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18
papers

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citations

623734

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docs citations

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times ranked

1401
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyborg cells: functionalisation of living cells with polymers and nanomaterials. <i>Chemical Society Reviews</i> , 2012, 41, 4189.	38.1	253
2	Layer-by-layer coating of bacteria with noble metal nanoparticles for surface-enhanced Raman scattering. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 2559-2567.	3.7	122
3	Living Fungi Cells Encapsulated in Polyelectrolyte Shells Doped with Metal Nanoparticles. <i>Langmuir</i> , 2009, 25, 4628-4634.	3.5	86
4	A whole-cell amperometric herbicide biosensor based on magnetically functionalised microalgae and screen-printed electrodes. <i>Analytical Methods</i> , 2011, 3, 509.	2.7	72
5	A Direct Technique for Magnetic Functionalization of Living Human Cells. <i>Langmuir</i> , 2011, 27, 14386-14393.	3.5	68
6	Polyelectrolyte-Mediated Assembly of Multiwalled Carbon Nanotubes on Living Yeast Cells. <i>Langmuir</i> , 2010, 26, 2671-2679.	3.5	63
7	Interfacing Living Unicellular Algae Cells with Biocompatible Polyelectrolyte-Stabilised Magnetic Nanoparticles. <i>Macromolecular Bioscience</i> , 2010, 10, 1257-1264.	4.1	60
8	H-Rubies, a new family of red emitting fluorescent pH sensors for living cells. <i>Chemical Science</i> , 2015, 6, 5928-5937.	7.4	45
9	Disrupting biological sensors of force promotes tissue regeneration in large organisms. <i>Nature Communications</i> , 2021, 12, 5256.	12.8	43
10	Cell-Penetrating Nanobiosensors for Pointillistic Intracellular Ca ²⁺ -Transient Detection. <i>Nano Letters</i> , 2014, 14, 2994-3001.	9.1	36
11	Disrupting mechanotransduction decreases fibrosis and contracture in split-thickness skin grafting. <i>Science Translational Medicine</i> , 2022, 14, eabj9152.	12.4	31
12	Pullulan-Collagen hydrogel wound dressing promotes dermal remodelling and wound healing compared to commercially available collagen dressings. <i>Wound Repair and Regeneration</i> , 2022, 30, 397-408.	3.0	27
13	Quartz crystal microbalance immunosensor for the detection of antibodies to double-stranded DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 367-375.	3.7	21
14	Functional artificial free-standing yeast biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 656-663.	5.0	17
15	FRET-Based Nanobiosensors for Imaging Intracellular Ca ²⁺ and H ⁺ Microdomains. <i>Sensors</i> , 2015, 15, 24662-24680.	3.8	13
16	Pharmacological antagonism of histamine H ₂ R ameliorated L-DOPA-induced dyskinesia via normalization of GRK3 and by suppressing FosB and ERK in PD. <i>Neurobiology of Aging</i> , 2019, 81, 177-189.	3.1	12
17	Characterization of Brain Dysfunction Induced by Bacterial Lipopeptides That Alter Neuronal Activity and Network in Rodent Brains. <i>Journal of Neuroscience</i> , 2018, 38, 10672-10691.	3.6	8
18	CHAPTER 3. Direct Deposition of Nanomaterials onto Cells. <i>RSC Smart Materials</i> , 2014, , 28-47.	0.1	1