

Isabelle Paintrand

List of Publications by Year in descending order

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39
papers

1,467
citations

257357

24
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315616

38
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all docs

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docs citations

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times ranked

2594
citing authors

#	ARTICLE	IF	CITATIONS
1	Elaboration of chitosan-coated nanoparticles loaded with curcumin for mucoadhesive applications. <i>Journal of Colloid and Interface Science</i> , 2012, 370, 58-66.	5.0	145
2	Mobilization of Selenite by <i>Ralstonia metallidurans</i> CH34. <i>Applied and Environmental Microbiology</i> , 2001, 67, 769-773.	1.4	108
3	Thermoresponsive Vesicular Morphologies Obtained by Self-Assemblies of Hybrid Oligosaccharide- <i>block</i> -poly(<i>N</i> -isopropylacrylamide) Copolymer Systems. <i>Langmuir</i> , 2010, 26, 2325-2332.	1.6	88
4	Micropore-induced capillarity enhances bone distribution in vivo in biphasic calcium phosphate scaffolds. <i>Acta Biomaterialia</i> , 2016, 44, 144-154.	4.1	80
5	The A and B Tubules of the Outer Doublets of Sea Urchin Sperm Axonemes Are Composed of Different Tubulin Variants. <i>Biochemistry</i> , 1996, 35, 10862-10871.	1.2	68
6	Assessment of a polyelectrolyte multilayer film coating loaded with BMP-2 on titanium and PEEK implants in the rabbit femoral condyle. <i>Acta Biomaterialia</i> , 2016, 36, 310-322.	4.1	66
7	Interference of CuO nanoparticles with metal homeostasis in hepatocytes under sub-toxic conditions. <i>Nanoscale</i> , 2014, 6, 1707-1715.	2.8	63
8	Cyclodextrin/Paclitaxel Complex in Biodegradable Capsules for Breast Cancer Treatment. <i>Chemistry of Materials</i> , 2013, 25, 3867-3873.	3.2	62
9	Multilayer Assembly of Hyaluronic Acid/Poly(allylamine): Control of the Buildup for the Production of Hollow Capsules. <i>Langmuir</i> , 2008, 24, 9767-9774.	1.6	51
10	Contact-Killing Polyelectrolyte Microcapsules Based on Chitosan Derivatives. <i>Advanced Functional Materials</i> , 2010, 20, 3303-3312.	7.8	50
11	The plastid division proteins, FtsZ1 and FtsZ2, differ in their biochemical properties and sub-plastidial localization. <i>Biochemical Journal</i> , 2005, 387, 669-676.	1.7	47
12	Electrocatalytic oxidation of As(III) to As(V) using noble metal-polymer nanocomposites. <i>Electrochimica Acta</i> , 2010, 55, 4876-4882.	2.6	46
13	Photochemical crosslinking of hyaluronic acid confined in nanoemulsions: towards nanogels with a controlled structure. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3369.	2.9	46
14	Thermoresponsive Self-Assemblies of Cyclic and Branched Oligosaccharide- <i>block</i> -poly(<i>N</i> -isopropylacrylamide) Diblock Copolymers into Nanoparticles. <i>Biomacromolecules</i> , 2012, 13, 1458-1465.	2.6	41
15	Self-Assembly of Amphiphilic Glycoconjugates into Lectin-Adhesive Nanoparticles. <i>Langmuir</i> , 2012, 28, 1418-1426.	1.6	36
16	Polyelectrolyte multilayer nanoshells with hydrophobic nanodomains for delivery of Paclitaxel. <i>Journal of Controlled Release</i> , 2012, 159, 403-412.	4.8	36
17	Hydrophobic Shell Loading of Biopolyelectrolyte Capsules. <i>Advanced Materials</i> , 2011, 23, H200-4.	11.1	35
18	Electrosynthesized iridium oxide-polymer nanocomposite thin films for electrocatalytic oxidation of arsenic(III). <i>Electrochimica Acta</i> , 2013, 110, 465-473.	2.6	33

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19	Nuclear DNA origin of mitochondrial complex I deficiency in fatal infantile lactic acidosis evidenced by transnuclear complementation of cultured fibroblasts. <i>Journal of Clinical Investigation</i> , 1999, 104, 83-92.	3.9	33
20	Removal of arsenite by coupled electrocatalytic oxidation at polymer- α -ruthenium oxide nanocomposite and polymer-assisted liquid phase retention. <i>Applied Catalysis B: Environmental</i> , 2013, 129, 130-136.	10.8	31
21	Stiffness-dependent cellular internalization of matrix-bound BMP-2 and its relation to Smad and non-Smad signaling. <i>Acta Biomaterialia</i> , 2016, 46, 55-67.	4.1	29
22	Development of a Sialic Acid-Containing Hydrogel of Poly[(2-hydroxypropyl) methacrylamide]: Characterization and Implantation Study. <i>Biomacromolecules</i> , 2008, 9, 2329-2337.	2.6	26
23	Poly(ethylene glycol) Hydroxystearate-Based Nanosized Emulsions: Effect of Surfactant Concentration on Their Formation and Ability to Solubilize Quercetin. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 202-210.	0.5	26
24	Effects of pH on the reactivation of human spermatozoa demembrated with triton X-100. <i>Molecular Reproduction and Development</i> , 1991, 29, 157-162.	1.0	25
25	Bio-Functionalization of Silicon Carbide Nanostructures for SiC Nanowire-Based Sensors Realization. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 3391-3397.	0.9	25
26	Developmentally regulated association of plastid division protein FtsZ1 with thylakoid membranes in <i>Arabidopsis thaliana</i> . <i>Biochemical Journal</i> , 2008, 409, 87-94.	1.7	23
27	Design and synthesis of novel hybrid metal complex-DNA conjugates: key building blocks for multimetallic linear DNA nanoarrays. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2729.	1.5	23
28	Self-assembled carbohydrate-based micelles for lectin targeting. <i>Soft Matter</i> , 2011, 7, 3453.	1.2	23
29	Seeing structures and measuring properties with transmission electron microscopy images: A simple combination to study size effects in nanoparticle systems. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	19
30	RotundRacGAP Functions with Ras during Spermatogenesis and Retinal Differentiation in <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Biology</i> , 2001, 21, 6280-6291.	1.1	17
31	Thiol-ene clickable hyaluronans: From macro-to nanogels. <i>Journal of Colloid and Interface Science</i> , 2014, 419, 52-55.	5.0	14
32	In Vitro Dermal Safety Assessment of Silver Nanowires after Acute Exposure: Tissue vs. Cell Models. <i>Nanomaterials</i> , 2018, 8, 232.	1.9	12
33	Use of magnetic nanobeads to study intracellular antigen processing. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 225, 161-168.	1.0	8
34	Stress and strain controlled rheometry on a concentrated lyotropic lamellar phase of AOT/Water/Iso-octane. <i>Rheologica Acta</i> , 2009, 48, 423-432.	1.1	7
35	Aging and yielding in a sheared AOT/iso-octane/water lyotropic lamellar phase. <i>European Physical Journal E</i> , 2009, 29, 51-60.	0.7	7
36	Nanostructured Films Made from Zwitterionic Phosphorylcholine Diblock Copolymer Systems. <i>Macromolecules</i> , 2011, 44, 2240-2244.	2.2	6

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37	Rapid Three-Dimensional Reconstruction at the Light Microscopic Level and a Technique for Re-Embedding the Same Semithin Sections for Electron Microscopic Examination. <i>Biotechnic and Histochemistry</i> , 1992, 67, 55-57.	0.7	5
38	Thermo-responsive Copolymers Based on Poly(<i>N</i> -isopropylacrylamide) and Poly[2-(methacryloyloxy)ethyl phosphorylcholine]: Light Scattering and Microscopy Experiments. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1726-1733.	1.1	4
39	Orientation of human spermatozoa for electron microscopy: A fast, simple method. <i>Microscopy Research and Technique</i> , 1992, 21, 75-76.	1.2	3