

# Frances Harding

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

751  
citations

516710

16  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical and pharmacological characterization of isatin and its derivatives: from structure to activity. <i>Pharmacological Reports</i> , 2013, 65, 313-335.	3.3	164
2	Evaluation of mesoporous silicon/polycaprolactone composites as ophthalmic implants. <i>Acta Biomaterialia</i> , 2010, 6, 3566-3572.	8.3	71
3	Insights into Cellular Uptake of Nanoparticles. <i>Current Drug Delivery</i> , 2015, 12, 63-77.	1.6	60
4	Exploring the mesenchymal stem cell niche using high throughput screening. <i>Biomaterials</i> , 2013, 34, 7601-7615.	11.4	49
5	Nitric oxide-releasing porous silicon nanoparticles. <i>Nanoscale Research Letters</i> , 2014, 9, 333.	5.7	45
6	Activation of Hypoxic Response in Human Embryonic Stem Cell-Derived Embryoid Bodies. <i>Experimental Biology and Medicine</i> , 2008, 233, 1044-1057.	2.4	38
7	Assessing embryonic stem cell response to surface chemistry using plasma polymer gradients. <i>Acta Biomaterialia</i> , 2012, 8, 1739-1748.	8.3	37
8	Mesenchymal stem cell attachment to peptide density gradients on porous silicon generated by electrografting. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 1440-1445.	1.8	33
9	Effect of oligoethylene glycol moieties in porous silicon surface functionalisation on protein adsorption and cell attachment. <i>Applied Surface Science</i> , 2011, 257, 6768-6774.	6.1	33
10	Method for the generation and cultivation of functional three-dimensional mammary constructs without exogenous extracellular matrix. <i>Cell and Tissue Research</i> , 2005, 320, 207-210.	2.9	32
11	Oligonucleotide delivery by chitosan-functionalized porous silicon nanoparticles. <i>Nano Research</i> , 2015, 8, 2033-2046.	10.4	32
12	3D printed lattices as an activation and expansion platform for T cell therapy. <i>Biomaterials</i> , 2017, 140, 58-68.	11.4	32
13	Surface Engineering for Long-Term Culturing of Mesenchymal Stem Cell Microarrays. <i>Biomacromolecules</i> , 2013, 14, 2675-2683.	5.4	29
14	Microplasma arrays: a new approach for maskless and localized patterning of materials surfaces. <i>RSC Advances</i> , 2012, 2, 12007.	3.6	20
15	Surface Bound Amine Functional Group Density Influences Embryonic Stem Cell Maintenance. <i>Advanced Healthcare Materials</i> , 2013, 2, 585-590.	7.6	20
16	Materials Displaying Neural Growth Factor Gradients and Applications in Neural Differentiation of Embryoid Body Cells. <i>Advanced Functional Materials</i> , 2015, 25, 2737-2744.	14.9	20
17	Scaleable Production of Adenoviral Vectors by Transfection of Adherent PER.C6 Cells. <i>Biotechnology Progress</i> , 2007, 23, 0-0.	2.6	11
18	Subtle Changes in Surface Chemistry Affect Embryoid Body Cell Differentiation: Lessons Learnt from Surface-Bound Amine Density Gradients. <i>Tissue Engineering - Part A</i> , 2014, 20, 1715-1725.	3.1	9

#	ARTICLE	IF	CITATIONS
19	Nanostructured biointerfaces created from carbon nanotube patterned porous silicon films. Surface and Coatings Technology, 2013, 224, 49-56.	4.8	7
20	A Combinatorial Protein Microarray for Probing Materials Interaction with Pancreatic Islet Cell Populations. Microarrays (Basel, Switzerland), 2016, 5, 21.	1.4	5
21	Preparation of chemical gradients on porous silicon by a dip coating method. Proceedings of SPIE, 2008, , .	0.8	4