

# Raminder Singh

## List of Publications by Year in descending order

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21  
papers

777  
citations

566801

15  
h-index

713013

21  
g-index

21  
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21  
docs citations

21  
times ranked

1461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Fibroblasts Adhesion and Proliferation on Alginate-Gelatin Crosslinked Hydrogel. <i>PLoS ONE</i> , 2014, 9, e107952.	1.1	201
2	The hematopoietic stem cell in chronic phase CML is characterized by a transcriptional profile resembling normal myeloid progenitor cells and reflecting loss of quiescence. <i>Leukemia</i> , 2009, 23, 892-899.	3.3	80
3	Hybrid hydrogels based on keratin and alginate for tissue engineering. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5441-5451.	2.9	60
4	Hydrogel matrices based on elastin and alginate for tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 614-625.	3.6	45
5	The non-steroidal anti-inflammatory drugs Sulindac sulfide and Diclofenac induce apoptosis and differentiation in human acute myeloid leukemia cells through an AP-1 dependent pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 889-901.	2.2	41
6	Pegylated granulocyte colony-stimulating factor mobilizes CD34+ cells with different stem and progenitor subsets and distinct functional properties in comparison with unconjugated granulocyte colony-stimulating factor. <i>Haematologica</i> , 2008, 93, 347-355.	1.7	39
7	Soft-matrices based on silk fibroin and alginate for tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1420-1431.	3.6	35
8	Nano-biomaterials for cardiovascular applications: Clinical perspective. <i>Journal of Controlled Release</i> , 2016, 229, 23-36.	4.8	34
9	Macromolecular interactions in alginate-gelatin hydrogels regulate the behavior of human fibroblasts. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 309-324.	0.8	34
10	Nanomaterial innovation: the SEON-concept for an improved cancer therapy with magnetic nanoparticles. <i>Nanomedicine</i> , 2015, 10, 3287-3304.	1.7	25
11	Evaluation of hydrogel matrices for vessel bioplotting: Vascular cell growth and viability. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 577-585.	2.1	25
12	Low RPS14 expression is common in myelodysplastic syndromes without 5q- aberration and defines a subgroup of patients with prolonged survival. <i>Haematologica</i> , 2009, 94, 1453-1455.	1.7	24
13	The Effect of Antibacterial Particle Incorporation on the Mechanical Properties, Biodegradability, and Biocompatibility of PLA and PHBV Composites. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000244.	1.7	23
14	Optimization of cell seeding on electrospun PCL-silk fibroin scaffolds. <i>European Polymer Journal</i> , 2020, 134, 109838.	2.6	21
15	Polydopamine and gelatin coating for rapid endothelialization of vascular scaffolds. <i>Materials Science and Engineering C</i> , 2022, 134, 112544.	3.8	20
16	Magnetic nanoparticles for magnetic drug targeting. <i>Biomedizinische Technik</i> , 2015, 60, 465-75.	0.9	17
17	Biofabrication of vessel grafts based on natural hydrogels. <i>Current Opinion in Biomedical Engineering</i> , 2017, 2, 83-89.	1.8	16
18	Soy Protein-Based Composite Hydrogels: Physico-Chemical Characterization and In Vitro Cytocompatibility. <i>Polymers</i> , 2018, 10, 1159.	2.0	14

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19	Cell specificity of magnetic cell seeding approach to hydrogel colonization. Journal of Biomedical Materials Research - Part A, 2017, 105, 2948-2957.	2.1	10
20	Easy-to-Prepare Coating of Standard Cell Culture Dishes for Cell-Sheet Engineering Using Aqueous Solutions of Poly(2-n-propyl-oxazoline). ACS Biomaterials Science and Engineering, 2019, 5, 1509-1517.	2.6	10
21	The novel compound OSI-461 induces apoptosis and growth arrest in human acute myeloid leukemia cells. Annals of Hematology, 2012, 91, 173-181.	0.8	3