

# Anuj Tripathi

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,351  
citations

516215

16  
h-index

580395

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1770  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of elastic and macroporous chitosan-agarose-gelatin cryogels for tissue engineering. <i>Acta Biomaterialia</i> , 2009, 5, 406-418.	4.1	282
2	Supermacroporous chitosan-agarose-gelatin cryogels: <i>in vitro</i> characterization and <i>in vivo</i> assessment for cartilage tissue engineering. <i>Journal of the Royal Society Interface</i> , 2011, 8, 540-554.	1.5	185
3	The performance of laminin-containing cryogel scaffolds in neural tissue regeneration. <i>Biomaterials</i> , 2011, 32, 3423-3434.	5.7	141
4	Elastic and macroporous agarose-gelatin cryogels with isotropic and anisotropic porosity for tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 90A, 680-694.	2.1	111
5	Multi-Featured Macroporous Agarose-Alginate Cryogel: Synthesis and Characterization for Bioengineering Applications. <i>Macromolecular Bioscience</i> , 2011, 11, 22-35.	2.1	108
6	Uranium (VI) recovery from aqueous medium using novel floating macroporous alginate-agarose-magnetite cryobeads. <i>Journal of Hazardous Materials</i> , 2013, 246-247, 87-95.	6.5	66
7	Preparation of a sponge-like biocomposite agarose-chitosan scaffold with primary hepatocytes for establishing an <i>in vitro</i> 3D liver tissue model. <i>RSC Advances</i> , 2015, 5, 30701-30710.	1.7	65
8	Improved bio-catalytic conversion by novel immobilization process using cryogel beads to increase solvent production. <i>Enzyme and Microbial Technology</i> , 2010, 47, 44-51.	1.6	64
9	Synthesis of composite gelatin-hyaluronic acid-alginate porous scaffold and evaluation for <i>in vitro</i> stem cell growth and <i>in vivo</i> tissue integration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 502-509.	2.5	56
10	Proliferation of Chondrocytes on a 3-D Modelled Macroporous Poly(Hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Methacrylate) Cryogel. <i>Journal of Biomedical Materials Research Part B</i> , 2010, 92B, 100-105.	1.9	41
11	Encapsulation of Mesenchymal Stem Cells by Bioscaffolds Protects Cell Survival and Attenuates Neuroinflammatory Reaction in Injured Brain Tissue after Transplantation. <i>Cell Transplantation</i> , 2013, 22, 67-82.	1.2	41
12	Modulated Crosslinking of Macroporous Polymeric Cryogel Affects <i>In Vitro</i> Cell Adhesion and Growth. <i>Macromolecular Bioscience</i> , 2013, 13, 838-850.	2.1	31
13	Smart Nanomaterials for Biomedics. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 3162-3188.	0.5	28
14	Plasma Surface Modification of Biomaterials for Biomedical Applications. <i>Advanced Structured Materials</i> , 2017, , 95-166.	0.3	21
15	Cryostructurization of polymeric systems for developing macroporous cryogel as a foundational framework in bioengineering applications. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	18
16	Synthesis of a low-density biopolymeric chitosan-agarose cryomatrix and its surface functionalization with bio-transformed melanin for the enhanced recovery of uranium ( $U^{VI}$ ) from aqueous subsurfaces. <i>RSC Advances</i> , 2016, 6, 37067-37078.	1.7	17
17	On-column enzymatic synthesis of melanin nanoparticles using cryogenic poly(AAM-co-AGE) monolith and its free radical scavenging and electro-catalytic properties. <i>RSC Advances</i> , 2015, 5, 87206-87215.	1.7	15
18	Strategic Impact of Business Intelligence : A Review of Literature. <i>Prabandhan: Indian Journal of Management</i> , 2020, 13, 35.	0.2	13

#	ARTICLE	IF	CITATIONS
19	Integrated Approach for Î²-glucosidase Purification from Non-Clarified Crude Homogenate using Macroporous Cryogel Matrix. Separation Science and Technology, 2013, 48, 2410-2417.	1.3	11
20	Polymeric macroporous formulations for the control release of mosquitocidal Bacillus sphaericus ISPC-8. Enzyme and Microbial Technology, 2013, 53, 398-405.	1.6	11
21	Extracorporeal bioartificial liver for treating acute liver diseases. Journal of Extra-Corporeal Technology, 2011, 43, 195-206.	0.2	9
22	Leading Business Intelligence (BI) Solutions and Market Trends. SSRN Electronic Journal, 0, , .	0.4	5
23	Magnetic Nanoparticles: Functionalization and Manufacturing of Pluripotent Stem Cells. Advanced Structured Materials, 2017, , 363-383.	0.3	2
24	Engineering cartilage graft using mesenchymal stem cell laden polyacrylamide-galactoxyloglucan hydrogel for transplantation. Journal of Biomaterials Applications, 2021, 36, 541-551.	1.2	2
25	Immobilization: Then and Now. Gels Horizons: From Science To Smart Materials, 2021, , 1-84.	0.3	1
26	Immobilization of Biomolecules on Plasma-Functionalized Surfaces for Biomedical Applications. Gels Horizons: From Science To Smart Materials, 2021, , 305-333.	0.3	1
27	Exploring Technology and Organizational Capability from the Perspective of Marketing Intelligence. , 2021, , .		1
28	Prospects of Cell Immobilization in Cancer Research and Immunotherapy. Gels Horizons: From Science To Smart Materials, 2021, , 165-193.	0.3	0
29	Nanosystems for Repairing Retinal Degeneration. Gels Horizons: From Science To Smart Materials, 2021, , 195-217.	0.3	0