Ashok Kumar

List of Publications by Year
in descending order

131 papers	4,779 citations	81839 39 h-index	118793 62 g-index
157 all docs	157 docs citations	157 times ranked	6589 citing authors

#	Article	IF	Citations
1	The IL-12 Family of Cytokines in Infection, Inflammation and Autoimmune Disorders. Inflammation and Allergy: Drug Targets, 2009, 8, 40-52.	1.8	279
2	Exosome laden oxygen releasing antioxidant and antibacterial cryogel wound dressing OxOBand alleviate diabetic and infectious wound healing. Biomaterials, 2020, 249, 120020.	5.7	241
3	Supermacroprous chitosanâ€“agaroseâ€“gelatin cryogels:in vitrocharacterization andin vivoassessment for cartilage tissue engineering. Journal of the Royal Society Interface, 2011, 8, 540-554.	1.5	185
4	Cell separation using cryogel-based affinity chromatography. Nature Protocols, 2010, 5, 1737-1747.	5.5	146
5	Enhancing Oral Vaccine Potency by Targeting Intestinal M Cells. PLoS Pathogens, 2010, 6, e1001147.	2.1	145
6	Biomaterials and bioengineering tomorrowâ€™s healthcare. Biomatter, 2013, 3, .	2.6	122
7	Seed treatment with iron pyrite (FeS₂) nanoparticles increases the production of spinach. RSC Advances, 2014, 4, 58495-58504.	1.7	122
8	Differential modulation of B7-1 and B7-2 isoform expression on human monocytes by cytokines which influence the development of T helper cell phenotype. European Journal of Immunology, 1996, 26, 1273-1277.	1.6	114
9	Oxygen-Releasing Antioxidant Cryogel Scaffolds with Sustained Oxygen Delivery for Tissue Engineering Applications. ACS Applied Materials & Interfaces, 2018, 10, 18458-18469.	4.0	112
10	Multiâ€Featured Macroporous Agaroseâ€“Alginate Cryogel: Synthesis and Characterization for Bioengineering Applications. Macromolecular Bioscience, 2011, 11, 22-35.	2.1	108
11	Mesenchymal stromal cell-derived exosome-rich fractionated secretome confers a hepatoprotective effect in liver injury. Stem Cell Research and Therapy, 2018, 9, 31.	2.4	107
12	Dynamic correlation of apoptosis and immune activation during treatment of HIV infection. Cell Death and Differentiation, 1999, 6, 420-432.	5.0	94
13	Nano-Hydroxyapatite Bone Substitute Functionalized with Bone Active Molecules for Enhanced Cranial Bone Regeneration. ACS Applied Materials & Interfaces, 2017, 9, 6816-6828.	4.0	91
14	Dextran based amphiphilic nano-hybrid hydrogel system incorporated with curcumin and cerium oxide nanoparticles for wound healing. Colloids and Surfaces B: Biointerfaces, 2020, 195, 111263.	2.5	84
15	Cell proliferation on three-dimensional chitosanâ€“agaroseâ€“gelatin cryogel scaffolds for tissue engineering applications. Journal of Bioscience and Bioengineering, 2012, 114, 663-670.	1.1	82
16	IL-10 Regulation by HIV-Tat in Primary Human Monocytic Cells: Involvement of Calmodulin/Calmodulin-Dependent Protein Kinase-Activated p38 MAPK and Sp-1 and CREB-1 Transcription Factors. Journal of Immunology, 2007, 178, 798-807.	0.4	70
17	Aligned Chitosan-Gelatin Cryogel-Filled Polyurethane Nerve Guidance Channel for Neural Tissue Engineering: Fabrication, Characterization, and In Vitro Evaluation. Biomacromolecules, 2019, 20, 662-673.	2.6	69
18	Engineering Bioinspired Antioxidant Materials Promoting Cardiomyocyte Functionality and Maturation for Tissue Engineering Application. ACS Applied Materials & Interfaces, 2018, 10, 3260-3273.	4.0	68

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19	Critical Role for Antiapoptotic Bcl-xL and Mcl-1 in Human Macrophage Survival and Cellular IAP1/2 (cIAP1/2) in Resistance to HIV-Vpr-induced Apoptosis. Journal of Biological Chemistry, 2012, 287, 15118-15133.	1.6	67
20	Guided tissue engineering for healing of cancellous and cortical bone using a combination of biomaterial based scaffolding and local bone active molecule delivery. Biomaterials, 2019, 188, 38-49.	5.7	65
21	Electricity from the Silk Cocoon Membrane. Scientific Reports, 2014, 4, 5434.	1.6	63
22	Gelatin-Modified Bone Substitute with Bioactive Molecules Enhance Cellular Interactions and Bone Regeneration. ACS Applied Materials & Interfaces, 2016, 8, 10775-10787.	4.0	62
23	Biomimetic Photocurable Three-Dimensional Printed Nerve Guidance Channels with Aligned Cryomatrix Lumen for Peripheral Nerve Regeneration. ACS Applied Materials & Interfaces, 2018, 10, 43327-43342.	4.0	62
24	Methods in cell separation for biomedical application: cryogels as a new tool. Biomedical Materials (Bristol), 2008, 3, 034008.	1.7	59
25	Gelatin- hydroxyapatite- calcium sulphate based biomaterial for long term sustained delivery of bone morphogenic protein-2 and zoledronic acid for increased bone formation: In-vitro and in-vivo carrier properties. Journal of Controlled Release, 2018, 272, 83-96.	4.8	58
26	Flexible agar-sericin hydrogel film dressing for chronic wounds. Carbohydrate Polymers, 2018, 200, 572-582.	5.1	57
27	Decellularized Liver Matrix-Modified Cryogel Scaffolds as Potential Hepatocyte Carriers in Bioartificial Liver Support Systems and Implantable Liver Constructs. ACS Applied Materials & Interfaces, 2018, 10, 114-126.	4.0	53
28	A Biphasic Calcium Sulphate/Hydroxyapatite Carrier Containing Bone Morphogenic Protein-2 and Zoledronic Acid Generates Bone. Scientific Reports, 2016, 6, 26033.	1.6	52
29	Synthesis of Yeast-Immobilized and Copper Nanoparticle-Dispersed Carbon Nanofiber-Based Diabetic Wound Dressing Material: Simultaneous Control of Glucose and Bacterial Infections. ACS Applied Bio Materials, 2018, 1, 246-258.	2.3	52
30	Biomaterials for liver tissue engineering. Hepatology International, 2014, 8, 185-197.	1.9	51
31	Macroporous interpenetrating cryogel network of poly(acrylonitrile) and gelatin for biomedical applications. Journal of Materials Science: Materials in Medicine, 2009, 20, 173-179.	1.7	47
32	Intracellular HIV-Tat Expression Induces IL-10 Synthesis by the CREB-1 Transcription Factor through Ser133Phosphorylation and Its Regulation by the ERK1/2 MAPK in Human Monocytic Cells. Journal of Biological Chemistry, 2006, 281, 31647-31658.	1.6	46
33	Fabrication of macroporous cryogels as potential hepatocyte carriers for bioartificial liver support. Colloids and Surfaces B: Biointerfaces, 2015, 136, 761-771.	2.5	45
34	Biocomposite macroporous cryogels as potential carrier scaffolds for bone active agents augmenting bone regeneration. Journal of Controlled Release, 2016, 235, 365-378.	4.8	45
35	Conducting cryogel scaffold as a potential biomaterial for cell stimulation and proliferation. Journal of Materials Science: Materials in Medicine, 2013, 24, 447-459.	1.7	44
36	Anti-Apoptotic Genes in the Survival of Monocytic Cells During Infection. Current Genomics, 2009, 10, 306-317.	0.7	43

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37	IL-6 Production Is Positively Regulated by Two Distinct Src Homology Domain 2-Containing Tyrosine Phosphatase-1 (SHP-1)â€“Dependent CCAAT/Enhancer-Binding Protein Î² and NF-ÎºB Pathways and an SHP-1â€“Independent NF-ÎºB Pathway in Lipopolysaccharide-Stimulated Bone Marrow-Derived Macrophages. Journal of Immunology, 2011, 186, 5443-5456.	0.4	43
38	Combined Effect of Cryogel Matrix and Temperature-Reversible Solubleâ€“Insoluble Polymer for the Development of in Vitro Human Liver Tissue. ACS Applied Materials & Interfaces, 2016, 8, 264-277.	4.0	43
39	SHP-1â€“Pyk2â€“Src Protein Complex and p38 MAPK Pathways Independently Regulate IL-10 Production in Lipopolysaccharide-Stimulated Macrophages. Journal of Immunology, 2013, 191, 2589-2603.	0.4	40
40	Nanohydroxyapatite Based Ceramic Carrier Promotes Bone Formation in a Femoral Neck Canal Defect in Osteoporotic Rats. Biomacromolecules, 2020, 21, 328-337.	2.6	40
41	Efficacy of supermacroporous poly(ethylene glycol)â€“gelatin cryogel matrix for soft tissue engineering applications. Materials Science and Engineering C, 2015, 47, 298-312.	3.8	39
42	Development of polymer based cryogel matrix for transportation and storage of mammalian cells. Scientific Reports, 2017, 7, 41551.	1.6	39
43	IFN-Î³-induced IL-27 and IL-27p28 expression are differentially regulated through JNK MAPK and PI3K pathways independent of Jak/STAT in human monocytic cells. Immunobiology, 2014, 219, 1-8.	0.8	37
44	Adipose-Derived Stem Cells (ADSCs) Loaded Gelatin-Sericin-Laminin Cryogels for Tissue Regeneration in Diabetic Wounds. Biomacromolecules, 2020, 21, 294-304.	2.6	37
45	Transplantation of engineered exosomes derived from bone marrow mesenchymal stromal cells ameliorate diabetic peripheral neuropathy under electrical stimulation. Bioactive Materials, 2021, 6, 2231-2249.	8.6	36
46	PI3K/Akt regulates survival during differentiation of human macrophages by maintaining NF-ÎºB-dependent expression of antiapoptotic Bcl-xL. Journal of Leukocyte Biology, 2014, 96, 1011-1022.	1.5	34
47	Supermacroporous polymerâ€based cryogel bioreactor for monoclonal antibody production in continuous culture using hybridoma cells. Biotechnology Progress, 2011, 27, 170-180.	1.3	31
48	Inorganic/Organic Biocomposite Cryogels for Regeneration of Bony Tissues. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 2107-2126.	1.9	29
49	A biphasic nanohydroxyapatite/calcium sulphate carrier containing Rifampicin and Isoniazid for local delivery gives sustained and effective antibiotic release and prevents biofilm formation. Scientific Reports, 2020, 10, 14128.	1.6	28
50	Accelerated and scarless wound repair by a multicomponent hydrogel through simultaneous activation of multiple pathways. Drug Delivery and Translational Research, 2019, 9, 1143-1158.	3.0	27
51	Local and Sustained Delivery of Rifampicin from a Bioactive Ceramic Carrier Treats Bone Infection in Rat Tibia. ACS Infectious Diseases, 2020, 6, 2938-2949.	1.8	26
52	In Vitro Neo-Cartilage Formation on a Three-Dimensional Composite Polymeric Cryogel Matrix. Macromolecular Bioscience, 2013, 13, 827-837.	2.1	25
53	Evaluating potential of tissueâ€engineered cryogels and chondrocyte derived exosomes in articular cartilage repair. Biotechnology and Bioengineering, 2022, 119, 605-625.	1.7	25
54	Characterization of In vitro Generated Human Polarized Macrophages. Journal of Clinical & Cellular Immunology, 2015, 06, .	1.5	24

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55	Clinical Improvement in Chronic Fatigue Syndrome Is Associated with Enhanced Natural Killer Cell-Mediated Cytotoxicity: The Results of a Pilot Study with IsoprinosineÂ®. The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Researchory and Clinical Practice, 2003, 11, 71-95.	0.4	23
56	CpG Protects Human Monocytic Cells against HIV-Vprâ€“Induced Apoptosis by Cellular Inhibitor of Apoptosis-2 through the Calcium-Activated JNK Pathway in a TLR9-Independent Manner. Journal of Immunology, 2011, 187, 5865-5878.	0.4	23
57	Development of Polyvinyl Alcohol Based High Strength Biocompatible Composite Films. Macromolecular Chemistry and Physics, 2017, 218, 1700130.	1.1	23
58	IL-23 signaling in Th17 cells is inhibited by HIV infection and is not restored by HAART: Implications for persistent immune activation. PLoS ONE, 2017, 12, e0186823.	1.1	23
59	Chitosan-Gelatin-Polypyrrole Cryogel Matrix for Stem Cell Differentiation into Neural Lineage and Sciatic Nerve Regeneration in Peripheral Nerve Injury Model. ACS Biomaterials Science and Engineering, 2019, 5, 3007-3021.	2.6	23
60	Chronic Hepatitis C Virus Infection Impairs M1 Macrophage Differentiation and Contributes to CD8+ T-Cell Dysfunction. Cells, 2019, 8, 374.	1.8	23
61	Periosteum-Mimicking Tissue-Engineered Composite for Treating Periosteum Damage in Critical-Sized Bone Defects. Biomacromolecules, 2021, 22, 3237-3250.	2.6	23
62	Improved Bone Regeneration in Rabbit Bone Defects Using 3D Printed Composite Scaffolds Functionalized with Osteoinductive Factors. ACS Applied Materials & Interfaces, 2020, 12, 48340-48356.	4.0	23
63	Mechanically tuned nanocomposite coating on titanium metal with integrated properties of biofilm inhibition, cell proliferation, and sustained drug delivery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 23-35.	1.7	22
64	Transfection of hard-to-transfect primary human macrophages withBaxsiRNA to reverse Resveratrol-induced apoptosis. RNA Biology, 2020, 17, 755-764.	1.5	22
65	Calcium Sulphate/Hydroxyapatite Carrier for Bone Formation in the Femoral Neck of Osteoporotic Rats. Tissue Engineering - Part A, 2018, 24, 1753-1764.	1.6	21
66	Dietary calcium affects body composition and lipid metabolism in rats. PLoS ONE, 2019, 14, e0210760.	1.1	21
67	Current strategies in tailoring methods for engineered exosomes and future avenues in biomedical applications. Journal of Materials Chemistry B, 2021, 9, 6281-6309.	2.9	21
68	Activation of JNK-dependent Pathway Is Required for HIV Viral Protein R-induced Apoptosis in Human Monocytic Cells. Journal of Biological Chemistry, 2007, 282, 4288-4301.	1.6	20
69	Study of in Vitro and in Vivo Bone Formation in Composite Cryogels and the Influence of Electrical Stimulation. International Journal of Biological Sciences, 2015, 11, 1325-1336.	2.6	20
70	Rapid synthesis of high strength celluloseâ€“poly(vinyl alcohol) (PVA) biocompatible composite films via microwave crosslinking. Journal of Applied Polymer Science, 2019, 136, 47393.	1.3	20
71	Development of mechanism-based antibacterial synergy between Fmoc-phenylalanine hydrogel and aztreonam. Biomaterials Science, 2020, 8, 1996-2006.	2.6	20
72	Fabrication of polymer-modified monodisperse mesoporous carbon particles by template-based approach for drug delivery. RSC Advances, 2013, 3, 2008-2016.	1.7	19

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73	cIAP1/2â€“TRAF2â€“SHP-1â€“Srcâ€“MyD88 Complex Regulates Lipopolysaccharide-Induced IL-27 Production through NF-Î²B Activation in Human Macrophages. Journal of Immunology, 2018, 200, 1593-1606.	0.4	19
74	Endogenous Platelet-Rich Plasma Supplements/Augments Growth Factors Delivered via Porous Collagen-Nanohydroxyapatite Bone Substitute for Enhanced Bone Formation. ACS Biomaterials Science and Engineering, 2019, 5, 56-69.	2.6	19
75	Differential remodeling of the electron transport chain is required to support TLR3 and TLR4 signaling and cytokine production in macrophages. Scientific Reports, 2019, 9, 18801.	1.6	18
76	Enhanced Hepatic Functions of Genetically Modified Mouse Hepatoma Cells by Spheroid Culture for Drug Toxicity Screening. Biotechnology Journal, 2017, 12, 1700274.	1.8	17
77	Study of Different Delivery Modes of Chondroitin Sulfate Using Microspheres and Cryogel Scaffold for Application in Cartilage Tissue Engineering. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 859-872.	1.8	16
78	Kinetic studies and model development for the formation of galacto-oligosaccharides from lactose using synthesized thermo-responsive bioconjugate. Enzyme and Microbial Technology, 2015, 70, 42-49.	1.6	16
79	Supermacroporous hybrid polymeric cryogels for efficient removal of metallic contaminants and microbes from water. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 636-645.	1.8	16
80	Data supporting exosome laden oxygen releasing antioxidant and antibacterial cryogel wound dressing OxOBand alleviate diabetic and infectious wound healing. Data in Brief, 2020, 31, 105671.	0.5	16
81	Exosome-Functionalized Ceramic Bone Substitute Promotes Critical-Sized Bone Defect Repair in Rats. ACS Applied Bio Materials, 2021, 4, 3716-3726.	2.3	16
82	Synthesis and characterization of solâ€“gel-derived molecular imprinted polymeric materials for cholesterol recognition. Journal of Sol-Gel Science and Technology, 2011, 58, 182-194.	1.1	15
83	Advancements in in vitro hepatic models: application for drug screening and therapeutics. Hepatology International, 2014, 8, 23-38.	1.9	15
84	Enhanced bone mineralization using hydroxyapatite-based ceramic bone substitute incorporatingWithania somniferaextracts. Biomedical Materials (Bristol), 2020, 15, 055015.	1.7	15
85	TLR-4 Agonist Induces IFN-Î³ Production Selectively in Proinflammatory Human M1 Macrophages through the PI3K-mTORâ€“ and JNK-MAPKâ€“Activated p70S6K Pathway. Journal of Immunology, 2021, 207, 2310-2324.	0.4	15
86	Orthobiologics with phytobioactive cues: A paradigm in bone regeneration. Biomedicine and Pharmacotherapy, 2020, 130, 110754.	2.5	15
87	Synthesis and characterization of thermo-responsive poly-N-isopropylacrylamide bioconjugates for application in the formation of galacto-oligosaccharides. Enzyme and Microbial Technology, 2014, 55, 40-49.	1.6	14
88	Agarâ€“Iodine Transdermal Patches for Infected Diabetic Wounds. ACS Applied Bio Materials, 2020, 3, 7515-7530.	2.3	14
89	Cell factory-derived bioactive molecules with polymeric cryogel scaffold enhance the repair of subchondral cartilage defect in rabbits. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1689-1700.	1.3	13
90	Alleviating liver failure conditions using an integrated hybrid cryogel based cellular bioreactor as a bioartificial liver support. Scientific Reports, 2017, 7, 40323.	1.6	13

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91	Macrophageâ€derived reactive oxygen species protects against autoimmune priming with a defined polymeric adjuvant. Immunology, 2016, 147, 125-132.	2.0	12
92	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
93	Biofabrication of gold nanoparticles with bone remodeling potential: an in vitro and in vivo assessment. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	10
94	SMAC Mimetics as Therapeutic Agents in HIV Infection. Frontiers in Immunology, 2021, 12, 780400.	2.2	10
95	Fabrication temperature modulates bulk properties of polymeric gels synthesized by different crosslinking methods. RSC Advances, 2014, 4, 31855-31873.	1.7	9
96	Long-Term Response to a Bioactive Biphasic Biomaterial in the Femoral Neck of Osteoporotic Rats. Tissue Engineering - Part A, 2020, 26, 1042-1051.	1.6	9
97	Extracorporeal bioartificial liver for treating acute liver diseases. Journal of Extra-Corporeal Technology, 2011, 43, 195-206.	0.2	9
98	pH modulating agar dressing for chronic wounds. Soft Materials, 2022, 20, 379-393.	0.8	9
99	Adsorption Properties of Arsenic(V) by Polyacrylamide Cryogel Containing Iron Hydroxide Oxide Particles Prepared by <i>in situ</i> Method. Resources Processing, 2015, 62, 17-23.	0.4	8
100	Mechanisms Underlying the Immune Response Generated by an Oral Vibrio cholerae Vaccine. International Journal of Molecular Sciences, 2016, 17, 1062.	1.8	8
101	Immobilized metal affinity cryogel-based high-throughput platform for screening bioprocess and chromatographic parameters of His6-GTPase. Analytical and Bioanalytical Chemistry, 2017, 409, 2951-2965.	1.9	8
102	Characterisation of porous knitted titanium for replacement of intervertebral disc nucleus pulposus. Scientific Reports, 2017, 7, 16611.	1.6	8
103	HIV and HIV-Tat inhibit LPS-induced IL-27 production in human macrophages by distinct intracellular signaling pathways. Journal of Leukocyte Biology, 2017, 102, 925-939.	1.5	8
104	Gelatin interpenetration in poly N â€isopropylacrylamide network reduces the compressive modulus of the scaffold: A property employed to mimic hepatic matrix stiffness. Biotechnology and Bioengineering, 2020, 117, 567-579.	1.7	8
105	A revised mechanism for (p)ppGpp synthesis by Rel proteins: The critical role of the 2â€²-OH of GTP. Journal of Biological Chemistry, 2020, 295, 12851-12867.	1.6	8
106	Effect of plasma polymerization on physicochemical properties of biocomposite cryogels causing a differential behavior of human osteoblasts. Journal of Colloid and Interface Science, 2014, 431, 139-148.	5.0	7
107	Selective killing of human M1 macrophages by Smac mimetics alone and M2 macrophages by Smac mimetics and caspase inhibition. Journal of Leukocyte Biology, 2021, 110, 693-710.	1.5	7
108	Spinal cord regeneration: A brief overview of the present scenario and a sneak peek into the future. Biotechnology Journal, 2021, 16, e2100167.	1.8	7

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109	Optimized performance of the integrated hepatic cellâ€loaded cryogelâ€based bioreactor with intermittent perfusion of acute liver failure plasma. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 259-269.	1.6	6
110	Composite bilayered scaffolds with bio-functionalized ceramics for cranial bone defects: An in vivo evaluation. Multifunctional Materials, 2019, 2, 014002.	2.4	5
111	Recent Advances in Biomaterialâ€Based Highâ€Throughput Platforms. Biotechnology Journal, 2021, 16, 2000288.	1.8	5
112	Selective Induction of Cell Death in Human M1 Macrophages by Smac Mimetics Is Mediated by cIAP-2 and RIPK-1/3 through the Activation of mTORC. Journal of Immunology, 2021, 207, 2359-2373.	0.4	5
113	Polymeric Cryogelâ€Based Boronate Affinity Chromatography for Separation of Ribonucleic Acid from Bacterial Extracts. Current Protocols in Nucleic Acid Chemistry, 2015, 63, 10.16.1-10.16.10.	0.5	4
114	Bacterial DNA Protects Monocytic Cells against HIV-Vprâ€“Induced Mitochondrial Membrane Depolarization. Journal of Immunology, 2016, 196, 3754-3767.	0.4	4
115	Peptideâ€Based Scaffold for Nitric Oxide Induced Differentiation of Neuroblastoma Cells. ChemBioChem, 2018, 19, 1127-1131.	1.3	4
116	Role of RIPK1 in SMAC mimetics-induced apoptosis in primary human HIV-infected macrophages. Scientific Reports, 2021, 11, 22901.	1.6	4
117	Advent of phytobiologics and nano-interventions for bone remodeling: a comprehensive review. Critical Reviews in Biotechnology, 2023, 43, 142-169.	5.1	4
118	A minimallyâ€invasive cryogel based approach for the development of human ectopic liver in a mouse model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1022-1032.	1.6	3
119	Anionic diketopiperazine induces osteogenic differentiation and supports osteogenesis in a 3D cryogel microenvironment. Chemical Communications, 2021, 57, 7422-7425.	2.2	3
120	Mapping B-Cell Epitopes for Nonspecific Lipid Transfer Proteins of Legumes Consumed in India and Identification of Critical Residues Responsible for IgE Binding. Foods, 2021, 10, 1269.	1.9	3
121	HIF-1Î± Regulation of Cytokine Production following TLR3 Engagement in Murine Bone Marrowâ€“Derived Macrophages Is Dependent on Viral Nucleic Acid Length and Glucose Availability. Journal of Immunology, 2021, 207, 2813-2827.	0.4	3
122	Chemical cross-linking abrogates adjuvant potential of natural polymers. RSC Advances, 2014, 4, 13817-13821.	1.7	2
123	Responsive polymerâ€assisted 3D cryogel supports Huh7.5 as in vitro hepatitis C virus model and ectopic human hepatic tissue in athymic mice. Biotechnology and Bioengineering, 2021, 118, 1286-1304.	1.7	2
124	Affinity Precipitation of Proteins Using Metal Chelates. , 2008, 421, 37-52.		1
125	Redispersion of cryoaggregated gold nanoparticle by means of laser irradiation and effect on biological interactions. Nanotechnology, 2020, 31, 435601.	1.3	1
126	Identification of novel genes involved in apoptosis of HIV-infected macrophages using unbiased genome-wide screening. BMC Infectious Diseases, 2021, 21, 655.	1.3	0

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127	A JNKâ€dependent pathway is required for HIVâ€Vprâ€induced apoptosis in human monocytic cells. FASEB Journal, 2007, 21, A774.	0.2	0
128	A Critical role for antiâ€apoptotic câ€IAP2 gene in LPS and TNFâ€aâ€induced resistance to HIVâ€Vpr mediated apoptosis in human monocytic cell. FASEB Journal, 2007, 21, A622.	0.2	0
129	A Key Role for Phosphoinositide 3â€Kinase in the Regulation of LPSâ€and TNFâ€Ã¡â€induced CD44 Expression in Human Monocytic Cells. FASEB Journal, 2008, 22, 910.3.	0.2	0
130	Neural Tissue Engineering: Polymers for. , 2017, , 1255-1271.		0
131	Vedolizumab treatment across antiretroviral treatment interruption in chronic HIV infection: the HAVARTI protocol for a pilot dose-ranging clinical trial to assess safety, tolerance, immunological and virological activity. BMJ Open, 2020, 10, e041359.	0.8	0