

Ashok Kumar

List of Publications by Year in descending order

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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	Advent of phytobiologics and nano-interventions for bone remodeling: a comprehensive review. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 142-169.	5.1	4
2	Evaluating potential of tissue-engineered cryogels and chondrocyte derived exosomes in articular cartilage repair. <i>Biotechnology and Bioengineering</i> , 2022, 119, 605-625.	1.7	25
3	pH modulating agar dressing for chronic wounds. <i>Soft Materials</i> , 2022, 20, 379-393.	0.8	9
4	Responsive polymer-assisted 3D cryogel supports Huh7.5 as in vitro hepatitis C virus model and ectopic human hepatic tissue in athymic mice. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1286-1304.	1.7	2
5	Recent Advances in Biomaterial-Based High-Throughput Platforms. <i>Biotechnology Journal</i> , 2021, 16, 2000288.	1.8	5
6	Anionic diketopiperazine induces osteogenic differentiation and supports osteogenesis in a 3D cryogel microenvironment. <i>Chemical Communications</i> , 2021, 57, 7422-7425.	2.2	3
7	Selective killing of human M1 macrophages by Smac mimetics alone and M2 macrophages by Smac mimetics and caspase inhibition. <i>Journal of Leukocyte Biology</i> , 2021, 110, 693-710.	1.5	7
8	Exosome-Functionalized Ceramic Bone Substitute Promotes Critical-Sized Bone Defect Repair in Rats. <i>ACS Applied Bio Materials</i> , 2021, 4, 3716-3726.	2.3	16
9	Mapping B-Cell Epitopes for Nonspecific Lipid Transfer Proteins of Legumes Consumed in India and Identification of Critical Residues Responsible for IgE Binding. <i>Foods</i> , 2021, 10, 1269.	1.9	3
10	Spinal cord regeneration: A brief overview of the present scenario and a sneak peek into the future. <i>Biotechnology Journal</i> , 2021, 16, e2100167.	1.8	7
11	Periosteum-Mimicking Tissue-Engineered Composite for Treating Periosteum Damage in Critical-Sized Bone Defects. <i>Biomacromolecules</i> , 2021, 22, 3237-3250.	2.6	23
12	Identification of novel genes involved in apoptosis of HIV-infected macrophages using unbiased genome-wide screening. <i>BMC Infectious Diseases</i> , 2021, 21, 655.	1.3	0
13	Transplantation of engineered exosomes derived from bone marrow mesenchymal stromal cells ameliorate diabetic peripheral neuropathy under electrical stimulation. <i>Bioactive Materials</i> , 2021, 6, 2231-2249.	8.6	36
14	TLR-4 Agonist Induces IFN- γ Production Selectively in Proinflammatory Human M1 Macrophages through the PI3K-mTOR and JNK-MAPK Activated p70S6K Pathway. <i>Journal of Immunology</i> , 2021, 207, 2310-2324.	0.4	15
15	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. <i>Journal of Immunology</i> , 2021, 207, 2359-2373.	0.4	5
16	Current strategies in tailoring methods for engineered exosomes and future avenues in biomedical applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6281-6309.	2.9	21
17	HIF-1 α Regulation of Cytokine Production following TLR3 Engagement in Murine Bone Marrow-Derived Macrophages Is Dependent on Viral Nucleic Acid Length and Glucose Availability. <i>Journal of Immunology</i> , 2021, 207, 2813-2827.	0.4	3
18	Role of RIPK1 in SMAC mimetics-induced apoptosis in primary human HIV-infected macrophages. <i>Scientific Reports</i> , 2021, 11, 22901.	1.6	4

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19	SMAC Mimetics as Therapeutic Agents in HIV Infection. <i>Frontiers in Immunology</i> , 2021, 12, 780400.	2.2	10
20	Nanohydroxyapatite Based Ceramic Carrier Promotes Bone Formation in a Femoral Neck Canal Defect in Osteoporotic Rats. <i>Biomacromolecules</i> , 2020, 21, 328-337.	2.6	40
21	A minimallyâ€invasive cryogel based approach for the development of human ectopic liver in a mouse model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1022-1032.	1.6	3
22	Gelatin interpenetration in poly N â€isopropylacrylamide network reduces the compressive modulus of the scaffold: A property employed to mimic hepatic matrix stiffness. <i>Biotechnology and Bioengineering</i> , 2020, 117, 567-579.	1.7	8
23	Adipose-Derived Stem Cells (ADSCs) Loaded Gelatin-Sericin-Laminin Cryogels for Tissue Regeneration in Diabetic Wounds. <i>Biomacromolecules</i> , 2020, 21, 294-304.	2.6	37
24	Local and Sustained Delivery of Rifampicin from a Bioactive Ceramic Carrier Treats Bone Infection in Rat Tibia. <i>ACS Infectious Diseases</i> , 2020, 6, 2938-2949.	1.8	26
25	A revised mechanism for (p)ppGpp synthesis by Rel proteins: The critical role of the 2â€-OH of GTP. <i>Journal of Biological Chemistry</i> , 2020, 295, 12851-12867.	1.6	8
26	Dextran based amphiphilic nano-hybrid hydrogel system incorporated with curcumin and cerium oxide nanoparticles for wound healing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 195, 111263.	2.5	84
27	Redispersion of cryoaggregated gold nanoparticle by means of laser irradiation and effect on biological interactions. <i>Nanotechnology</i> , 2020, 31, 435601.	1.3	1
28	Agarâ€Iodine Transdermal Patches for Infected Diabetic Wounds. <i>ACS Applied Bio Materials</i> , 2020, 3, 7515-7530.	2.3	14
29	A biphasic nanohydroxyapatite/calcium sulphate carrier containing Rifampicin and Isoniazid for local delivery gives sustained and effective antibiotic release and prevents biofilm formation. <i>Scientific Reports</i> , 2020, 10, 14128.	1.6	28
30	Data supporting exosome laden oxygen releasing antioxidant and antibacterial cryogel wound dressing OxOBand alleviate diabetic and infectious wound healing. <i>Data in Brief</i> , 2020, 31, 105671.	0.5	16
31	Biofabrication of gold nanoparticles with bone remodeling potential: an in vitro and in vivo assessment. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	10
32	Transfection of hard-to-transfect primary human macrophages with<i>Bax</i>siRNA to reverse Resveratrol-induced apoptosis. <i>RNA Biology</i> , 2020, 17, 755-764.	1.5	22
33	Enhanced bone mineralization using hydroxyapatite-based ceramic bone substitute incorporating<i>Withania somnifera</i>extracts. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 055015.	1.7	15
34	Long-Term Response to a Bioactive Biphasic Biomaterial in the Femoral Neck of Osteoporotic Rats. <i>Tissue Engineering - Part A</i> , 2020, 26, 1042-1051.	1.6	9
35	Exosome laden oxygen releasing antioxidant and antibacterial cryogel wound dressing OxOBand alleviate diabetic and infectious wound healing. <i>Biomaterials</i> , 2020, 249, 120020.	5.7	241
36	Orthobiologics with phytoactive cues: A paradigm in bone regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110754.	2.5	15

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37	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
38	Development of mechanism-based antibacterial synergy between Fmoc-phenylalanine hydrogel and aztreonam. Biomaterials Science, 2020, 8, 1996-2006.	2.6	20
39	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
40	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
41	Dietary calcium affects body composition and lipid metabolism in rats. PLoS ONE, 2019, 14, e0210760.	1.1	21
42	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
43	Chronic Hepatitis C Virus Infection Impairs M1 Macrophage Differentiation and Contributes to CD8+ T-Cell Dysfunction. Cells, 2019, 8, 374.	1.8	23
44	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
45	Rapid synthesis of high strength cellulose-poly(vinyl alcohol) (PVA) biocompatible composite films via microwave crosslinking. Journal of Applied Polymer Science, 2019, 136, 47393.	1.3	20
46	Composite bilayered scaffolds with bio-functionalized ceramics for cranial bone defects: An <i>in vivo</i> evaluation. Multifunctional Materials, 2019, 2, 014002.	2.4	5
47	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
48	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
49	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
50	Peptide-Based Scaffold for Nitric Oxide Induced Differentiation of Neuroblastoma Cells. ChemBioChem, 2018, 19, 1127-1131.	1.3	4
51	CIAP1/2-TRAF2-SHP-1-MyD88 Complex Regulates Lipopolysaccharide-Induced IL-27 Production through NF- κ B Activation in Human Macrophages. Journal of Immunology, 2018, 200, 1593-1606.	0.4	19
52	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
53	Engineering Bioinspired Antioxidant Materials Promoting Cardiomyocyte Functionality and Maturation for Tissue Engineering Application. ACS Applied Materials & Interfaces, 2018, 10, 3260-3273.	4.0	68
54	Optimized performance of the integrated hepatic cell-loaded cryogel-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

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55	Decellularized Liver Matrix-Modified Cryogel Scaffolds as Potential Hepatocyte Carriers in Bioartificial Liver Support Systems and Implantable Liver Constructs. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 114-126.	4.0	53
56	Biomimetic Photocurable Three-Dimensional Printed Nerve Guidance Channels with Aligned Cryomatrix Lumen for Peripheral Nerve Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43327-43342.	4.0	62
57	Synthesis of Yeast-Immobilized and Copper Nanoparticle-Dispersed Carbon Nanofiber-Based Diabetic Wound Dressing Material: Simultaneous Control of Glucose and Bacterial Infections. <i>ACS Applied Bio Materials</i> , 2018, 1, 246-258.	2.3	52
58	Oxygen-Releasing Antioxidant Cryogel Scaffolds with Sustained Oxygen Delivery for Tissue Engineering Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18458-18469.	4.0	112
59	Mesenchymal stromal cell-derived exosome-rich fractionated secretome confers a hepatoprotective effect in liver injury. <i>Stem Cell Research and Therapy</i> , 2018, 9, 31.	2.4	107
60	Flexible agar-sericin hydrogel film dressing for chronic wounds. <i>Carbohydrate Polymers</i> , 2018, 200, 572-582.	5.1	57
61	Calcium Sulphate/Hydroxyapatite Carrier for Bone Formation in the Femoral Neck of Osteoporotic Rats. <i>Tissue Engineering - Part A</i> , 2018, 24, 1753-1764.	1.6	21
62	Cell factory-derived bioactive molecules with polymeric cryogel scaffold enhance the repair of subchondral cartilage defect in rabbits. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1689-1700.	1.3	13
63	Alleviating liver failure conditions using an integrated hybrid cryogel based cellular bioreactor as a bioartificial liver support. <i>Scientific Reports</i> , 2017, 7, 40323.	1.6	13
64	Development of polymer based cryogel matrix for transportation and storage of mammalian cells. <i>Scientific Reports</i> , 2017, 7, 41551.	1.6	39
65	Nano-Hydroxyapatite Bone Substitute Functionalized with Bone Active Molecules for Enhanced Cranial Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6816-6828.	4.0	91
66	Development of Polyvinyl Alcohol Based High Strength Biocompatible Composite Films. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700130.	1.1	23
67	Immobilized metal affinity cryogel-based high-throughput platform for screening bioprocess and chromatographic parameters of His6-GTPase. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2951-2965.	1.9	8
68	Enhanced Hepatic Functions of Genetically Modified Mouse Hepatoma Cells by Spheroid Culture for Drug Toxicity Screening. <i>Biotechnology Journal</i> , 2017, 12, 1700274.	1.8	17
69	Characterisation of porous knitted titanium for replacement of intervertebral disc nucleus pulposus. <i>Scientific Reports</i> , 2017, 7, 16611.	1.6	8
70	HIV and HIV-Tat inhibit LPS-induced IL-27 production in human macrophages by distinct intracellular signaling pathways. <i>Journal of Leukocyte Biology</i> , 2017, 102, 925-939.	1.5	8
71	Mechanically tuned nanocomposite coating on titanium metal with integrated properties of biofilm inhibition, cell proliferation, and sustained drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 23-35.	1.7	22
72	IL-23 signaling in Th17 cells is inhibited by HIV infection and is not restored by HAART: Implications for persistent immune activation. <i>PLoS ONE</i> , 2017, 12, e0186823.	1.1	23

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73	Neural Tissue Engineering: Polymers for. , 2017, , 1255-1271.		0
74	Mechanisms Underlying the Immune Response Generated by an Oral Vibrio cholerae Vaccine. International Journal of Molecular Sciences, 2016, 17, 1062.	1.8	8
75	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
76	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
77	Gelatin-Modified Bone Substitute with Bioactive Molecules Enhance Cellular Interactions and Bone Regeneration. ACS Applied Materials & Interfaces, 2016, 8, 10775-10787.	4.0	62
78	A Biphasic Calcium Sulphate/Hydroxyapatite Carrier Containing Bone Morphogenic Protein-2 and Zoledronic Acid Generates Bone. Scientific Reports, 2016, 6, 26033.	1.6	52
79	Macrophage-derived reactive oxygen species protects against autoimmune priming with a defined polymeric adjuvant. Immunology, 2016, 147, 125-132.	2.0	12
80	Bacterial DNA Protects Monocytic Cells against HIV-Vpr-induced Mitochondrial Membrane Depolarization. Journal of Immunology, 2016, 196, 3754-3767.	0.4	4
81	Combined Effect of Cryogel Matrix and Temperature-Reversible Soluble-insoluble Polymer for the Development of in Vitro Human Liver Tissue. ACS Applied Materials & Interfaces, 2016, 8, 264-277.	4.0	43
82	Polymeric Cryogel-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
83	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
84	Study of <i>in Vitro</i> and <i>in Vivo</i> Bone Formation in Composite Cryogels and the Influence of Electrical Stimulation. International Journal of Biological Sciences, 2015, 11, 1325-1336.	2.6	20
85	Characterization of In vitro Generated Human Polarized Macrophages. Journal of Clinical & Cellular Immunology, 2015, 06, .	1.5	24
86	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
87	Fabrication of macroporous cryogels as potential hepatocyte carriers for bioartificial liver support. Colloids and Surfaces B: Biointerfaces, 2015, 136, 761-771.	2.5	45
88	Efficacy of supermacroporous poly(ethylene glycol)-gelatin cryogel matrix for soft tissue engineering applications. Materials Science and Engineering C, 2015, 47, 298-312.	3.8	39
89	PI3K/Akt regulates survival during differentiation of human macrophages by maintaining NF- κ B-dependent expression of antiapoptotic Bcl-xL. Journal of Leukocyte Biology, 2014, 96, 1011-1022.	1.5	34
90	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

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91	Advancements in in vitro hepatic models: application for drug screening and therapeutics. <i>Hepatology International</i> , 2014, 8, 23-38.	1.9	15
92	Synthesis and characterization of thermo-responsive poly-N-isopropylacrylamide bioconjugates for application in the formation of galacto-oligosaccharides. <i>Enzyme and Microbial Technology</i> , 2014, 55, 40-49.	1.6	14
93	IFN- γ -induced IL-27 and IL-27p28 expression are differentially regulated through JNK MAPK and PI3K pathways independent of Jak/STAT in human monocytic cells. <i>Immunobiology</i> , 2014, 219, 1-8.	0.8	37
94	Seed treatment with iron pyrite (FeS ₂) nanoparticles increases the production of spinach. <i>RSC Advances</i> , 2014, 4, 58495-58504.	1.7	122
95	Chemical cross-linking abrogates adjuvant potential of natural polymers. <i>RSC Advances</i> , 2014, 4, 13817-13821.	1.7	2
96	Fabrication temperature modulates bulk properties of polymeric gels synthesized by different crosslinking methods. <i>RSC Advances</i> , 2014, 4, 31855-31873.	1.7	9
97	Biomaterials for liver tissue engineering. <i>Hepatology International</i> , 2014, 8, 185-197.	1.9	51
98	Effect of plasma polymerization on physicochemical properties of biocomposite cryogels causing a differential behavior of human osteoblasts. <i>Journal of Colloid and Interface Science</i> , 2014, 431, 139-148.	5.0	7
99	Electricity from the Silk Cocoon Membrane. <i>Scientific Reports</i> , 2014, 4, 5434.	1.6	63
100	Integrated Approach for β -glucosidase Purification from Non-Clarified Crude Homogenate using Macroporous Cryogel Matrix. <i>Separation Science and Technology</i> , 2013, 48, 2410-2417.	1.3	11
101	In Vitro Neo-Cartilage Formation on a Three-Dimensional Composite Polymeric Cryogel Matrix. <i>Macromolecular Bioscience</i> , 2013, 13, 827-837.	2.1	25
102	Conducting cryogel scaffold as a potential biomaterial for cell stimulation and proliferation. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 447-459.	1.7	44
103	Fabrication of polymer-modified monodisperse mesoporous carbon particles by template-based approach for drug delivery. <i>RSC Advances</i> , 2013, 3, 2008-2016.	1.7	19
104	SHP-1 π Pyk2 π Src Protein Complex and p38 MAPK Pathways Independently Regulate IL-10 Production in Lipopolysaccharide-Stimulated Macrophages. <i>Journal of Immunology</i> , 2013, 191, 2589-2603.	0.4	40
105	Biomaterials and bioengineering tomorrow's healthcare. <i>Biomatter</i> , 2013, 3, .	2.6	122
106	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. <i>Journal of Biological Chemistry</i> , 2012, 287, 15118-15133.	1.6	67
107	Cell proliferation on three-dimensional chitosan π agarose π gelatin cryogel scaffolds for tissue engineering applications. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 663-670.	1.1	82
108	Synthesis and characterization of sol π gel-derived molecular imprinted polymeric materials for cholesterol recognition. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 182-194.	1.1	15

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109	Multi-Featured Macroporous Agarose-Alginate Cryogel: Synthesis and Characterization for Bioengineering Applications. <i>Macromolecular Bioscience</i> , 2011, 11, 22-35.	2.1	108
110	Supermacroporous polymer-based cryogel bioreactor for monoclonal antibody production in continuous culture using hybridoma cells. <i>Biotechnology Progress</i> , 2011, 27, 170-180.	1.3	31
111	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
112	IL-6 Production Is Positively Regulated by Two Distinct Src Homology Domain 2-Containing Tyrosine Phosphatase-1 (SHP-1)-Dependent CCAAT/Enhancer-Binding Protein β and NF- κ B Pathways and an SHP-1-Independent NF- κ B Pathway in Lipopolysaccharide-Stimulated Bone Marrow-Derived Macrophages. <i>Journal of Immunology</i> , 2011, 186, 5443-5456.	0.4	43
113	CpG Protects Human Monocytic Cells against HIV-1-Induced Apoptosis by Cellular Inhibitor of Apoptosis-2 through the Calcium-Activated JNK Pathway in a TLR9-Independent Manner. <i>Journal of Immunology</i> , 2011, 187, 5865-5878.	0.4	23
114	Inorganic/Organic Biocomposite Cryogels for Regeneration of Bony Tissues. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 2107-2126.	1.9	29
115	Extracorporeal bioartificial liver for treating acute liver diseases. <i>Journal of Extra-Corporeal Technology</i> , 2011, 43, 195-206.	0.2	9
116	Cell separation using cryogel-based affinity chromatography. <i>Nature Protocols</i> , 2010, 5, 1737-1747.	5.5	146
117	Enhancing Oral Vaccine Potency by Targeting Intestinal M Cells. <i>PLoS Pathogens</i> , 2010, 6, e1001147.	2.1	145
118	The IL-12 Family of Cytokines in Infection, Inflammation and Autoimmune Disorders. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 40-52.	1.8	279
119	Macroporous interpenetrating cryogel network of poly(acrylonitrile) and gelatin for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 173-179.	1.7	47
120	Anti-Apoptotic Genes in the Survival of Monocytic Cells During Infection. <i>Current Genomics</i> , 2009, 10, 306-317.	0.7	43
121	Affinity Precipitation of Proteins Using Metal Chelates. , 2008, 421, 37-52.		1
122	Methods in cell separation for biomedical application: cryogels as a new tool. <i>Biomedical Materials (Bristol)</i> , 2008, 3, 034008.	1.7	59
123	A Key Role for Phosphoinositide 3-Kinase in the Regulation of LPS and TNF- α -Induced CD44 Expression in Human Monocytic Cells. <i>FASEB Journal</i> , 2008, 22, 910.3.	0.2	0
124	Activation of JNK-dependent Pathway Is Required for HIV Viral Protein R-induced Apoptosis in Human Monocytic Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 4288-4301.	1.6	20
125	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. <i>Journal of Immunology</i> , 2007, 178, 798-807.	0.4	70
126	A JNK-dependent pathway is required for HIV-1-induced apoptosis in human monocytic cells. <i>FASEB Journal</i> , 2007, 21, A774.	0.2	0

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127	A Critical role for anti-apoptotic cIAP2 gene in LPS and TNF α -induced resistance to HIV α pr mediated apoptosis in human monocytic cell. FASEB Journal, 2007, 21, A622.	0.2	0
128	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
129	Clinical Improvement in Chronic Fatigue Syndrome Is Associated with Enhanced Natural Killer Cell-Mediated Cytotoxicity: The Results of a Pilot Study with Isoprinosine [®] . The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Researchory and Clinical Practice, 2003, 11, 71-95.	0.4	23
130	Dynamic correlation of apoptosis and immune activation during treatment of HIV infection. Cell Death and Differentiation, 1999, 6, 420-432.	5.0	94
131	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