

Ajay Kumar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

4,945
citations

33
h-index

47
g-index

47
ext. papers

5,359
ext. citations

7.8
avg, IF

4.99
L-index

#	Paper	IF	Citations
45	Variations in glycated haemoglobin with age among individuals with normal glucose tolerance: Implications for diagnosis and treatment-Results from the ICMR-INDIAB population-based study (INDIAB-12). <i>Acta Diabetologica</i> , 2021 , 1	3.9	0
44	Nitrite attenuates mitochondrial impairment and vascular permeability induced by ischemia-reperfusion injury in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L580-L591	5.8	3
43	Triptolide-induced apoptosis in non-small cell lung cancer via a novel miR204-5p/Caveolin-1/Akt-mediated pathway. <i>Oncotarget</i> , 2020 , 11, 2793-2806	3.3	4
42	Impact of triptolide during ex vivo lung perfusion on grafts after transplantation in a rat model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	7
41	The Impact of the Biological Variability or Assay Performance on AMH Measurements: A Prospective Cohort Study With AMH Tested on Three Analytical Assay-Platforms. <i>Frontiers in Endocrinology</i> , 2018 , 9, 603	5.7	14
40	Prevalence of diabetes and prediabetes in 15 states of India: results from the ICMR-INDIAB population-based cross-sectional study. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 585-596	18.1	372
39	Minnelide/Triptolide Impairs Mitochondrial Function by Regulating SIRT3 in P53-Dependent Manner in Non-Small Cell Lung Cancer. <i>PLoS ONE</i> , 2016 , 11, e0160783	3.7	25
38	Canonical Wnt signaling induces vascular endothelial dysfunction via p66Shc-regulated reactive oxygen species. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2301-9	9.4	48
37	Detection of serum antimüllerian hormone in women approaching menopause using sensitive antimüllerian hormone enzyme-linked immunosorbent assays. <i>Menopause</i> , 2014 , 21, 1277-86	2.5	37
36	Histone and DNA methylation-mediated epigenetic downregulation of endothelial Kruppel-like factor 2 by low-density lipoprotein cholesterol. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1936-42	9.4	83
35	p53 impairs endothelial function by transcriptionally repressing Kruppel-Like Factor 2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 133-41	9.4	53
34	Development of a second generation anti-Müllerian hormone (AMH) ELISA. <i>Journal of Immunological Methods</i> , 2010 , 362, 51-9	2.5	128
33	Transcriptional repression of Kruppel like factor-2 by the adaptor protein p66shc. <i>FASEB Journal</i> , 2009 , 23, 4344-52	0.9	25
32	Kruppel-like factor 4 regulates endothelial inflammation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 13769-79	9.4	258
31	Kruppel-like factor 2 (KLF2) regulates proinflammatory activation of monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 6653-8	11.5	193
30	Kruppel-like factor 2 inhibits protease activated receptor-1 expression and thrombin-mediated endothelial activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1185-9	9.4	49
29	Candida antarctica lipase B catalyzed polymerization of lactones: Effects of immobilization matrices on polymerization kinetics & molecular weight. <i>Industrial Biotechnology</i> , 2005 , 1, 126-134	1.3	31

28	Cocrystallization of random copolymers of omega-pentadecalactone and epsilon-caprolactone synthesized by lipase catalysis. <i>Biomacromolecules</i> , 2005 , 6, 902-7	6.9	111
27	Biocompatibility of Sorbitol-Containing Polyesters: Synthesis, Surface Analysis, and Cell Response In Vitro. <i>ACS Symposium Series</i> , 2005 , 343-353	0.4	1
26	Kruppel-like factor 2 (KLF2) regulates endothelial thrombotic function. <i>Circulation Research</i> , 2005 , 96, e48-57	15.7	278
25	Kruppel-like factor 2 as a novel mediator of statin effects in endothelial cells. <i>Circulation</i> , 2005 , 112, 720-7	16.7	248
24	Tumor necrosis factor alpha-mediated reduction of KLF2 is due to inhibition of MEF2 by NF-kappaB and histone deacetylases. <i>Molecular and Cellular Biology</i> , 2005 , 25, 5893-903	4.8	129
23	Biocompatibility of sorbitol-containing polyesters. Part I: Synthesis, surface analysis and cell response in vitro. <i>Biomaterials</i> , 2004 , 25, 4195-201	15.6	15
22	KLF2 Is a novel transcriptional regulator of endothelial proinflammatory activation. <i>Journal of Experimental Medicine</i> , 2004 , 199, 1305-15	16.6	528
21	Chemoenzymatic Synthesis of New Brush Copolymers Comprising Poly(epsilon-pentadecalactone) with Unusual Thermal and Crystalline Properties. <i>Macromolecules</i> , 2004 , 37, 1243-1250	5.5	48
20	Solvent-Free Adipic Acid/1,8-Octanediol Condensation Polymerizations Catalyzed by Candida antarctica Lipase B. <i>Macromolecules</i> , 2004 , 37, 35-40	5.5	94
19	Mild, solvent-free omega-hydroxy acid polycondensations catalyzed by candida antarctica lipase B. <i>Biomacromolecules</i> , 2004 , 5, 62-8	6.9	97
18	Kinetics and Mechanism of Candida antarctica Lipase B Catalyzed Solution Polymerization of epsilon-Caprolactone. <i>Macromolecules</i> , 2003 , 36, 5530-5536	5.5	82
17	Lipase-catalyzed polycondensations: effect of substrates and solvent on chain formation, dispersity, and end-group structure. <i>Biomacromolecules</i> , 2003 , 4, 544-51	6.9	128
16	Versatile Route to Polyol Polyesters by Lipase Catalysis. <i>Macromolecules</i> , 2003 , 36, 8219-8221	5.5	108
15	The high-risk human papillomavirus type 16 E6 counters the GAP function of E6TP1 toward small Rap G proteins. <i>Journal of Virology</i> , 2003 , 77, 1614-20	6.6	42
14	Human papilloma virus 16 E6 oncoprotein inhibits retinoic X receptor-mediated transactivation by targeting human ADA3 coactivator. <i>Journal of Biological Chemistry</i> , 2002 , 277, 45611-8	5.4	51
13	Human papillomavirus oncoprotein E6 inactivates the transcriptional coactivator human ADA3. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5801-12	4.8	124
12	Lipase-Catalyzed Polytransesterification Reactions. <i>ACS Symposium Series</i> , 2002 , 172-186	0.4	1
11	Probing Water-Temperature Relationships for Lipase-Catalyzed Lactone Ring-Opening Polymerizations. <i>Macromolecules</i> , 2002 , 35, 5444-5448	5.5	64

10	Mass-Selective Lipase-Catalyzed Poly(ϵ -caprolactone) Transesterification Reactions. <i>Macromolecules</i> , 2002 , 35, 6858-6866	5.5	35
9	Recognition by Lipases of β -Hydroxyl Macroinitiators for Diblock Copolymer Synthesis. <i>Macromolecules</i> , 2002 , 35, 7606-7611	5.5	28
8	Physical characterization of poly(ϵ -pentadecalactone) synthesized by lipase-catalyzed ring-opening polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001 , 39, 1721-1729	2.6	113
7	Human papillomavirus type 16 E6-induced degradation of E6TP1 correlates with its ability to immortalize human mammary epithelial cells. <i>Journal of Virology</i> , 2001 , 75, 4459-66	6.6	69
6	Polymer synthesis by in vitro enzyme catalysis. <i>Chemical Reviews</i> , 2001 , 101, 2097-124	68.1	620
5	Copolymerizations of ϵ -Pentadecalactone and Trimethylene Carbonate by Chemical and Lipase Catalysis. <i>Macromolecules</i> , 2001 , 34, 3527-3533	5.5	63
4	PKN binds and phosphorylates human papillomavirus E6 oncoprotein. <i>Journal of Biological Chemistry</i> , 2000 , 275, 14824-30	5.4	48
3	<i>Candida antarctica</i> lipase B catalyzed polycaprolactone synthesis: effects of organic media and temperature. <i>Biomacromolecules</i> , 2000 , 1, 133-8	6.9	244
2	<i>Candida antarctica</i> Lipase B-Catalyzed Transesterification: New Synthetic Routes to Copolyesters. <i>Journal of the American Chemical Society</i> , 2000 , 122, 11767-11770	16.4	84
1	Efficient Ring-Opening Polymerization and Copolymerization of ϵ -Caprolactone and ϵ -Pentadecalactone Catalyzed by <i>Candida antarctica</i> Lipase B. <i>Macromolecules</i> , 2000 , 33, 6303-6309	5.5	160