

# Naveen Kumar Mekala

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4954122/publications.pdf>

Version: 2024-02-01

22  
papers

376  
citations

933447

10  
h-index

888059

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulase Production Under Solid-State Fermentation by <i>Trichoderma reesei</i> RUT C30: Statistical Optimization of Process Parameters. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 122-131.	2.9	108
2	Influence of dilute acid and alkali pretreatment on reducing sugar production from corncobs by crude enzymatic method: A comparative study. <i>Bioresource Technology</i> , 2014, 162, 213-217.	9.6	53
3	Liraglutide improves insulin sensitivity in high fat diet induced diabetic mice through multiple pathways. <i>European Journal of Pharmacology</i> , 2019, 861, 172594.	3.5	42
4	Enhanced Proliferation and Osteogenic Differentiation of Human Umbilical Cord Blood Stem Cells by L-Ascorbic Acid, In Vitro. <i>Current Stem Cell Research and Therapy</i> , 2013, 8, 156-162.	1.3	19
5	Physical and degradation properties of PLGA scaffolds fabricated by salt fusion technique. <i>Journal of Biomedical Research</i> , 2013, 27, 318.	1.6	19
6	Combination of <i>ERG9</i> Repression and Enzyme Fusion Technology for Improved Production of Amorphadiene in <i>Saccharomyces cerevisiae</i> . <i>Journal of Analytical Methods in Chemistry</i> , 2013, 1-8.	1.6	18
7	Improved osteogenic differentiation of umbilical cord blood MSCs using custom made perfusion bioreactor. <i>Biomedical Journal</i> , 2018, 41, 290-297.	3.1	17
8	Mechanistic role of perfusion culture on bone regeneration. <i>Journal of Biosciences</i> , 2019, 44, 1.	1.1	16
9	Mass transfer aspects of 3D cell cultures in tissue engineering. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014, 9, 318-329.	1.5	14
10	Study on Osteoblast like Behavior of Umbilical Cord Blood Cells on Various Combinations of PLGA Scaffolds Prepared by Salt Fusion. <i>Current Stem Cell Research and Therapy</i> , 2013, 8, 253-259.	1.3	12
11	Current Bioenergy Researches. , 2014, , 1-21.		12
12	Osteoblast differentiation of umbilical cord blood-derived mesenchymal stem cells and enhanced cell adhesion by fibronectin. <i>Tissue Engineering and Regenerative Medicine</i> , 2012, 9, 259-264.	3.7	10
13	Berberine hydrochloride protects against cytokine-induced inflammation through multiple pathways in undifferentiated C2C12 myoblast cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 699-707.	1.4	8
14	Optimization of amorphadiene production in engineered yeast by response surface methodology. <i>3 Biotech</i> , 2014, 4, 317-324.	2.2	7
15	Foil assisted replica molding for fabrication of microfluidic devices and their application in vitro. <i>Lab on A Chip</i> , 2014, 14, 3695-3699.	6.0	7
16	Blocking of P2X7r Reduces Mitochondrial Stress Induced by Alcohol and Electronic Cigarette Exposure in Brain Microvascular Endothelial Cells. <i>Antioxidants</i> , 2022, 11, 1328.	5.1	7
17	Development of Petri Net-Based Dynamic Model for Improved Production of Farnesyl Pyrophosphate by Integrating Mevalonate and Methylerythritol Phosphate Pathways in Yeast. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1172-1182.	2.9	3
18	Significance of Biotic Factors in Mesenchymal Stem Cell Fate in Regenerative Medicine. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 489-496.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Molecular level characterization of L-ascorbic acid induced osteoblasts from umbilical cord blood source. Tissue Engineering and Regenerative Medicine, 2013, 10, 218-222.	3.7	0
20	Editorial (Thematic Issue: Role of Mesenchymal Stem Cells (MSCs) in Regenerative Medicine and Cell) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	0
21	MicroRNA Profile in Metabolic Heart Disease. FASEB Journal, 2019, 33, lb306.	0.5	0
22	HspB5 protects mouse neural stem/progenitor cells from paraquat toxicity. American Journal of Stem Cells, 2020, 9, 68-77.	0.4	0