

# Konda Reddy Kunduru

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/680548/publications.pdf>

Version: 2024-02-01

28  
papers

1,042  
citations

623699

14  
h-index

580810

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disinfectants role in the prevention of spreading the <sc>COVID</sc> â€“19 and other infectious diseases: The need for functional polymers!. Polymers for Advanced Technologies, 2022, ,	3.2	4
2	Recent Advances for Improving Functionality, Biocompatibility, and Longevity of Implantable Medical Devices and Deliverable Drug Delivery Systems. Advanced Functional Materials, 2021, 31, 2010929.	14.9	18
3	Recent Advances for Improving Functionality, Biocompatibility, and Longevity of Implantable Medical Devices and Deliverable Drug Delivery Systems (Adv. Funct. Mater. 44/2021). Advanced Functional Materials, 2021, 31, 2170329.	14.9	1
4	Recent Advances in Antimicrobial Hydrogels. Biomaterials Science Series, 2019, , 348-369.	0.2	0
5	Carbohydrate Therapeutics Based on Polymer-Grafted Glyconanoparticles: Synthetic Methods and Applications. Materials Horizons, 2019, , 111-130.	0.6	1
6	Dendrimers and Hyperbranched Polymers as Antimicrobial Agents. Biomaterials Science Series, 2019, , 421-456.	0.2	0
7	Self Assembly in Functionalized Butadiene Based Polyurethanes. Macromolecular Symposia, 2018, 382, 1800090.	0.7	3
8	Polymer with pendant diazo-coupling functionality for colorimetric detection of nitrates. Sensors and Actuators B: Chemical, 2017, 251, 21-26.	7.8	9
9	Armored Urease. Methods in Enzymology, 2017, 590, 143-167.	1.0	8
10	Polymeric sensors containing P-dimethylaminocinnamaldehyde: Colorimetric detection of urea nitrate. Sensors and Actuators B: Chemical, 2017, 238, 387-391.	7.8	10
11	Nanotechnology for water purification: applications of nanotechnology methods in wastewater treatment. , 2017, , 33-74.		119
12	<i>N</i>-bromoâ€“hydantoin grafted polystyrene beads: Synthesis and nanoâ€“micro beads characteristics for achieving controlled release of active oxidative bromine and extended microbial inactivation efficiency. Journal of Polymer Science Part A, 2016, 54, 596-610.	2.3	18
13	Poly(Î±-hydroxy acid)s and poly(Î±-hydroxy acid-co-Î±-amino acid)s derived from amino acid. Advanced Drug Delivery Reviews, 2016, 107, 82-96.	13.7	40
14	Injectable formulations of poly(lactic acid) and its copolymers in clinical use. Advanced Drug Delivery Reviews, 2016, 107, 213-227.	13.7	122
15	Poly(lactic acid) based hydrogels. Advanced Drug Delivery Reviews, 2016, 107, 192-205.	13.7	128
16	Polyurethanes for controlled drug delivery. , 2016, , 217-246.		19
17	Forensic comparison of synthetic fibers. Polymers for Advanced Technologies, 2015, 26, 785-796.	3.2	23
18	Synthesis and Characterization of a Novel Phenolic Lipid for Use as Potential Lipophilic Antioxidant and as a Prodrug of Butyric Acid. Journal of Oleo Science, 2015, 64, 845-852.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Molecular Weight Determination of Polyethylene Terephthalate. , 2015, , 143-165.		22
20	Polysaccharide-Based Conjugates for Biomedical Applications. Bioconjugate Chemistry, 2015, 26, 1396-1412.	3.6	169
21	Castor Oil-Based Biodegradable Polyesters. Biomacromolecules, 2015, 16, 2572-2587.	5.4	124
22	Controlled iodine release from polyurethane sponges for water decontamination. Journal of Controlled Release, 2013, 172, 634-640.	9.9	12
23	Studies on biosurfactants from <i>Pseudozyma</i> sp. NII 08165 and their potential application as laundry detergent additives. Biochemical Engineering Journal, 2013, 78, 85-92.	3.6	62
24	Synthesis and evaluation of antioxidant and antifungal activities of novel ricinoleate-based lipoconjugates of phenolic acids. Food Chemistry, 2012, 134, 2201-2207.	8.2	21
25	Evaluation of the Antioxidant Activity of Capsiate Analogues in Polar, Nonpolar, and Micellar Media. Journal of Agricultural and Food Chemistry, 2011, 59, 564-569.	5.2	25
26	Chemoenzymatic synthesis and evaluation of novel structured phenolic lipids as potential lipophilic antioxidants. European Journal of Lipid Science and Technology, 2010, 112, 600-608.	1.5	20
27	Enrichment of $\hat{1}^3$ -linolenic acid in the lipid extracted from <i>Mucor zychnae</i> MTCC 5420. Food Research International, 2009, 42, 449-453.	6.2	16
28	Chemoenzymatic synthesis of lipophilic ferulates and their evaluation for antioxidant and antimicrobial activities. European Journal of Lipid Science and Technology, 2008, 110, 1175-1182.	1.5	14