

# Thiruchelvi Pulingam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2846062/publications.pdf>

Version: 2024-02-01

18  
papers

656  
citations

759233

12  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial resistance: Prevalence, economic burden, mechanisms of resistance and strategies to overcome. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 170, 106103.	4.0	150
2	Graphene oxide exhibits differential mechanistic action towards Gram-positive and Gram-negative bacteria. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 6-15.	5.0	99
3	Carbon nanotube-based aptasensor for sensitive electrochemical detection of whole-cell <i>Salmonella</i> . <i>Analytical Biochemistry</i> , 2018, 554, 34-43.	2.4	82
4	Rapid and sensitive detection of <i>Salmonella</i> with reduced graphene oxide-carbon nanotube based electrochemical aptasensor. <i>Analytical Biochemistry</i> , 2020, 589, 113489.	2.4	75
5	Synthesis, characterization and cytotoxicity studies of nanocrystalline cellulose from the production waste of rubber-wood and kenaf-bast fibers. <i>European Polymer Journal</i> , 2019, 116, 352-360.	5.4	41
6	Mechanistic actions and contributing factors affecting the antibacterial property and cytotoxicity of graphene oxide. <i>Chemosphere</i> , 2021, 281, 130739.	8.2	36
7	Synergistic antibacterial actions of graphene oxide and antibiotics towards bacteria and the toxicological effects of graphene oxide on human epidermal keratinocytes. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 142, 105087.	4.0	31
8	In-situ incorporation of ruthenium/copper nanoparticles in mesoporous silica derived from rice husk ash for catalytic acetylation of glycerol. <i>Renewable Energy</i> , 2020, 160, 564-574.	8.9	27
9	Supported cobalt nanoparticles on graphene oxide/mesoporous silica for oxidation of phenol and electrochemical detection of H <sub>2</sub> O <sub>2</sub> and <i>Salmonella</i> spp. <i>Materials Chemistry and Physics</i> , 2019, 232, 493-505.	4.0	25
10	Current trends in polymerase chain reaction based detection of three major human pathogenic vibrios. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1317-1335.	10.3	23
11	Acid-base bifunctional SBA-15 as an active and selective catalyst for synthesis of ethyl $\hat{\pm}$ -cyanocinnamate via Knoevenagel condensation. <i>Microporous and Mesoporous Materials</i> , 2021, 320, 111091.	4.4	18
12	Synthesis, characterization and catalytic activity of ionic liquid mimic halides modified MCM-41 for solvent free synthesis of phenyl glycidyl carbonate. <i>Materials Chemistry and Physics</i> , 2019, 233, 79-88.	4.0	17
13	Biomedical Applications of Polyhydroxyalkanoate in Tissue Engineering. <i>Polymers</i> , 2022, 14, 2141.	4.5	14
14	Antibacterial potential of Malaysian ethnomedicinal plants against methicillin-susceptible <i>Staphylococcus aureus</i> (MSSA) and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5884-5889.	3.8	10
15	Polymer surfactant (Triton-100) assisted low cost method for preparing silver and graphene oxide modified Bi-MnOx nanocomposite for enhanced sensor and anti-microbial health care applications. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 638-650.	2.4	5
16	DNA and nanobiosensor technology for the detection of adulteration and microbial contamination in religious food. , 2018, , 409-431.		2
17	Disinfection. <i>Carbon Nanostructures</i> , 2018, , 151-170.	0.1	1
18	Comparison of verification methods for Malaysian Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) clinical isolates. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, 227.	0.5	0