

# Vidhya Selvamani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4655112/publications.pdf>

Version: 2024-02-01

13  
papers

292  
citations

840776

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1125743

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docs citations

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times ranked

372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Micro/Mesoporous Copper Structure with Enhanced Antimicrobial Property via Laser Surface Texturing. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901890.	3.7	51
2	Flexible Microneedle Array Patch for Chronic Wound Oxygenation and Biofilm Eradication. <i>ACS Applied Bio Materials</i> , 2021, 4, 5405-5415.	4.6	41
3	Utilization of soak liquor in microbial fuel cell. <i>Fuel</i> , 2016, 181, 148-156.	6.4	34
4	A membrane electroflotation process for recovery of recyclable chromium(III) from tannery spent liquor effluent. <i>Journal of Hazardous Materials</i> , 2018, 346, 133-139.	12.4	33
5	A Novel Strategy for the Microbial Removal of Heavy Metals: Cell-surface Display of Peptides. <i>Biotechnology and Bioprocess Engineering</i> , 2021, 26, 1-9.	2.6	26
6	Engineering chimeric two-component system into <i>Escherichia coli</i> from <i>Paracoccus denitrificans</i> to sense methanol. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 225-230.	2.6	22
7	Improvement in treatment of soak liquor by combining electro-oxidation and biodegradation. <i>RSC Advances</i> , 2016, 6, 47220-47228.	3.6	16
8	Manganese and cobalt recovery by surface display of metal binding peptide on various loops of OmpC in <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 31-41.	3.0	16
9	A Biodegradable Hybrid Micro/Nano Conductive Zinc Paste for Paper-Based Flexible Bioelectronics. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	16
10	Construction of methanol sensing <i>Escherichia coli</i> by the introduction of novel chimeric MxcQZ/OmpR two-component system from <i>Methylobacterium organophilum</i> XX. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 1734-1739.	2.7	13
11	Laser-Assisted Nanotexturing and Silver Immobilization on Titanium Implant Surfaces to Enhance Bone Cell Mineralization and Antimicrobial Properties. <i>Langmuir</i> , 2022, 38, 4014-4027.	3.5	13
12	Development of recA promoter based bisphenol-A sensing and adsorption system by recombinant <i>Escherichia coli</i> . <i>Biochemical Engineering Journal</i> , 2017, 122, 31-37.	3.6	10
13	Engineering of Recombinant <i>Escherichia coli</i> towards Methanol Sensing Using <i>Methylobacterium extroquens</i> Two-component Systems. <i>Microbiology and Biotechnology Letters</i> , 2020, 48, 24-31.	0.4	1