

# Pravin Malla Shrestha

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

5,869  
citations

257450

24  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Maternal Age and Pregnancy Outcome at Manipal Teaching Hospital: Cross-sectional Analytical study. <i>Orthodontic Journal of Nepal</i> , 2021, 6, 20-25.	0.1	1
2	Potential for <i>Methanosarcina</i> to Contribute to Uranium Reduction during Acetate-Promoted Groundwater Bioremediation. <i>Microbial Ecology</i> , 2018, 76, 660-667.	2.8	27
3	Comprehensive Analysis of Changes in Crude Oil Chemical Composition during Biosouring and Treatments. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1290-1300.	10.0	15
4	Conductive Particles Enable Syntrophic Acetate Oxidation between <i>Geobacter</i> and <i>Methanosarcina</i> from Coastal Sediments. <i>MBio</i> , 2018, 9, .	4.1	69
5	Electron and Proton Flux for Carbon Dioxide Reduction in <i>Methanosarcina barkeri</i> During Direct Interspecies Electron Transfer. <i>Frontiers in Microbiology</i> , 2018, 9, 3109.	3.5	75
6	Metatranscriptomic Evidence for Direct Interspecies Electron Transfer between <i>Geobacter</i> and <i>Methanotheroxillum</i> Species in Methanogenic Rice Paddy Soils. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	247
7	Editorial: Wired for Life. <i>Frontiers in Microbiology</i> , 2016, 7, 662.	3.5	2
8	Magnetite compensates for the lack of a pilin-associated cytochrome in extracellular electron exchange. <i>Environmental Microbiology</i> , 2015, 17, 648-655.	3.8	300
9	Plugging in or going wireless: strategies for interspecies electron transfer. <i>Frontiers in Microbiology</i> , 2014, 5, 237.	3.5	177
10	Correlation between microbial community and granule conductivity in anaerobic bioreactors for brewery wastewater treatment. <i>Bioresource Technology</i> , 2014, 174, 306-310.	9.6	137
11	Direct Interspecies Electron Transfer between <i>Geobacter metallireducens</i> and <i>Methanosarcina barkeri</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 4599-4605.	3.1	714
12	A new model for electron flow during anaerobic digestion: direct interspecies electron transfer to <i>Methanosaeta</i> for the reduction of carbon dioxide to methane. <i>Energy and Environmental Science</i> , 2014, 7, 408-415.	30.8	1,074
13	Going Wireless: Fe(III) Oxide Reduction without Pili by <i>Geobacter sulfurreducens</i> Strain JS-1. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4331-4340.	3.1	84
14	Promoting Interspecies Electron Transfer with Biochar. <i>Scientific Reports</i> , 2014, 4, 5019.	3.3	429
15	Characterization and modelling of interspecies electron transfer mechanisms and microbial community dynamics of a syntrophic association. <i>Nature Communications</i> , 2013, 4, 2809.	12.8	103
16	Syntrophic growth with direct interspecies electron transfer as the primary mechanism for energy exchange. <i>Environmental Microbiology Reports</i> , 2013, 5, 904-910.	2.4	137
17	Transcriptomic and Genetic Analysis of Direct Interspecies Electron Transfer. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2397-2404.	3.1	168
18	When Is a Microbial Culture "Pure"? Persistent Cryptic Contaminant Escapes Detection Even with Deep Genome Sequencing. <i>MBio</i> , 2013, 4, e00591-12.	4.1	15

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19	Interspecies Electron Transfer via Hydrogen and Formate Rather than Direct Electrical Connections in Cocultures of <i>Pelobacter carbinolicus</i> and <i>Geobacter sulfurreducens</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 7645-7651.	3.1	148
20	Promoting direct interspecies electron transfer with activated carbon. <i>Energy and Environmental Science</i> , 2012, 5, 8982.	30.8	718
21	Linking activity, composition and seasonal dynamics of atmospheric methane oxidizers in a meadow soil. <i>ISME Journal</i> , 2012, 6, 1115-1126.	9.8	74
22	<i>Geobacter</i> . <i>Advances in Microbial Physiology</i> , 2011, 59, 1-100.	2.4	541
23	Bacterial and archaeal communities involved in the <i>in situ</i> degradation of <sup>13</sup> C-labelled straw in the rice rhizosphere. <i>Environmental Microbiology Reports</i> , 2011, 3, 587-596.	2.4	40
24	Extraction of mRNA from Soil. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5995-6000.	3.1	96
25	Effect of nitrogen fertilization on methane oxidation, abundance, community structure, and gene expression of methanotrophs in the rice rhizosphere. <i>ISME Journal</i> , 2010, 4, 1545-1556.	9.8	115
26	Phylogenetic diversity and metagenomics of candidate division OP3. <i>Environmental Microbiology</i> , 2010, 12, 1218-1229.	3.8	90
27	Transcriptional activity of paddy soil bacterial communities. <i>Environmental Microbiology</i> , 2009, 11, 960-970.	3.8	72
28	Activity and composition of methanotrophic bacterial communities in planted rice soil studied by flux measurements, analyses of <i>pmoA</i> gene and stable isotope probing of phospholipid fatty acids. <i>Environmental Microbiology</i> , 2008, 10, 400-412.	3.8	92
29	Phylogenetic identity, growth response time and rRNA operon copy number of soil bacteria indicate different stages of community succession. <i>Environmental Microbiology</i> , 2007, 9, 2464-2474.	3.8	109