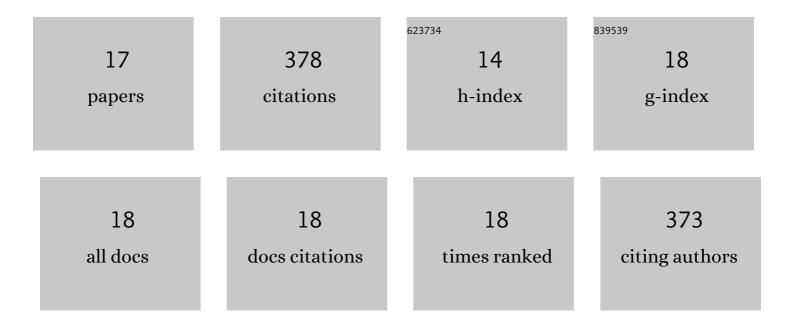
## Manohara Halanur M

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2045481/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Binder free self-standing high performance supercapacitive electrode based on graphene/titanium carbide composite aerogel. Applied Surface Science, 2019, 481, 892-899.	6.1	52
2	One-step green route synthesis of spinel ZnMn2O4 nanoparticles decorated on MWCNTs as a novel electrode material for supercapacitor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 252, 114481.	3.5	50
3	Ultrafast synthesis of exfoliated manganese oxides in deep eutectic solvents for water purification and energy storage. Chemical Engineering Journal, 2020, 379, 122327.	12.7	38
4	Progress in marine derived renewable functional materials and biochar for sustainable water purification. Green Chemistry, 2021, 23, 8305-8331.	9.0	31
5	Engineering a Biopolymer-Based Ultrafast Permeable Aerogel Membrane Decorated with Task-Specific Fe–Al Nanocomposites for Robust Water Purification. ACS Applied Bio Materials, 2020, 3, 5233-5243.	4.6	21
6	Fe–Al based nanocomposite reinforced hydrothermal carbon: Efficient and robust absorbent for anionic dyes. Chemosphere, 2020, 259, 127421.	8.2	21
7	Multifunctional solvothermal carbon derived from alginate using â€~water-in-deep eutectic solvents' for enhancing enzyme activity. Chemical Communications, 2020, 56, 9659-9662.	4.1	21
8	Engineering Fe-doped highly oxygenated solvothermal carbon from glucose-based eutectic system as active microcleaner and efficient carbocatalyst. Journal of Materials Chemistry A, 2019, 7, 4988-4997.	10.3	20
9	Bioinspired engineering protein nanofibrils-based multilayered self-cleaning membranes for universal water purification. Journal of Hazardous Materials, 2022, 424, 127561.	12.4	20
10	Facile Process for Metallizing DNA in a Multitasking Deep Eutectic Solvent for Ecofriendly C–C Coupling Reaction and Nitrobenzene Reduction. ACS Sustainable Chemistry and Engineering, 2019, 7, 14225-14235.	6.7	19
11	Sustainable Water Purification Using an Engineered Solvothermal Carbon Based Membrane Derived from a Eutectic System. ACS Sustainable Chemistry and Engineering, 2019, 7, 10143-10153.	6.7	19
12	Boosting the electrochemical performance of polyaniline based all-solid-state flexible supercapacitor using NiFe2O4 as adjuvant. Journal of Electroanalytical Chemistry, 2019, 851, 113482.	3.8	18
13	New prospects on solvothermal carbonisation assisted by organic solvents, ionic liquids and eutectic mixtures – A critical review. Progress in Materials Science, 2022, 126, 100932.	32.8	18
14	Synthesis, optical and electrochemical properties of new cyanopyridine derivatives. Journal of Luminescence, 2019, 206, 284-291.	3.1	15
15	Sorption based easy-to-use low-cost filters derived from invasive weed biomass for dye contaminated water cleanup. RSC Advances, 2022, 12, 9101-9111.	3.6	6
16	Nanocomposite-based high-performance adsorptive water filters: recent advances, limitations, nanotoxicity and environmental implications. Environmental Science: Nano, 2022, 9, 2320-2341.	4.3	6
17	Sustainable Polymer-Based Materials for Energy and Environmental Applications. Energy, Environment, and Sustainability, 2022, , 9-30.	1.0	2