

# Kavirajaa Pandian Sambasevam

## List of Publications by Year in descending order

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21  
papers

358  
citations

1162367

8  
h-index

887659

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of the Inclusion Complex of $\beta$ -cyclodextrin and Azomethine. International Journal of Molecular Sciences, 2013, 14, 3671-3682.	1.8	196
2	Improvement of microwave absorption for PANi/HA/TiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> nanocomposite after chemical treatment. Polymer Composites, 2013, 34, 1186-1194.	2.3	26
3	Effect of dopant concentration on polyaniline for hydrazine detection. Materials Science in Semiconductor Processing, 2015, 33, 24-31.	1.9	21
4	Preparation of polyaniline/TiO <sub>2</sub> nanocomposite film with good adhesion behavior for dye-sensitized solar cell application. Polymer Composites, 2013, 34, 1884-1891.	2.3	16
5	Enhancement of polyaniline properties by different polymerization temperatures in hydrazine detection. Journal of Applied Polymer Science, 2015, 132, .	1.3	15
6	Optimization of waste quail eggshells as biocomposites for polyaniline in ammonia gas detection. Polymer Engineering and Science, 2020, 60, 3170-3182.	1.5	13
7	Removal of Phosphate by Paper Mill Sludge: Adsorption Isotherm and Kinetic Study. Asian Journal of Chemistry, 2014, 26, 3545-3552.	0.1	11
8	Fabrication of Polyaniline Based Chemical Sensor for Ammonia Gas Detection. Journal of Physical Science, 2018, 29, 9-16.	0.5	11
9	Preparation of shrimp-based chitin blend with polyaniline for chromium (VI) removal from aqueous solution. Materials Today: Proceedings, 2022, 62, 6940-6944.	0.9	9
10	Preparation of Novel Commercial Polyaniline Composites for Ammonia Detection. Solid State Phenomena, 0, 301, 124-131.	0.3	8
11	Introduction to Conducting Polymers. Engineering Materials, 2021, , 1-18.	0.3	8
12	Fabrication of magnetic nanoparticles coated with polyaniline for removal of 2, 4-dinitrophenol. Journal of Physics: Conference Series, 2018, 1123, 012015.	0.3	4
13	Optimization of Natural Colour Extraction from Dragon Fruit (Hylocereus polyrhizus) Peel. Scientific Research Journal, 2020, 17, 33.	0.4	4
14	Removal of 2,4-dinitrophenol (2,4-DNP) by using magnetic nanoparticles (MNPs) coated with polypyrrole (PPy). IOP Conference Series: Materials Science and Engineering, 2018, 458, 012007.	0.3	3
15	In-tip solid-phase microextraction: a method for determination of sulphonamide residues in environmental water samples. International Journal of Environmental Analytical Chemistry, 2024, 104, 261-276.	1.8	3
16	Basic concept and application of conducting polymers for environmental protection. Chemistry Teacher International, 2022, .	0.9	3
17	CHEMICAL SENSOR FOR HYDRAZINE DETECTION USING POLYANILINE THIN FILM. Malaysian Journal of Analytical Sciences, 2017, 21, .	0.2	2
18	Smart combination of $\beta$ -cyclodextrin polymer-conjugated magnetic nanosorbent for potential adsorption of deoxyribonucleic acid. Separation Science and Technology, 2019, 54, 902-915.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Intrinsically Conducting Polymer Based Nanocomposite in Photocatalytic Study. Engineering Materials, 2021, , 19-51.	0.3	0
20	Removal of lead (Pb) in soil by eggshells activated carbon. , 2021, , .		0
21	Solar-driven Degradation of 2-Chlorophenol Using PANI/GO as Photocatalyst. Orbital, 2020, 12, .	0.1	0