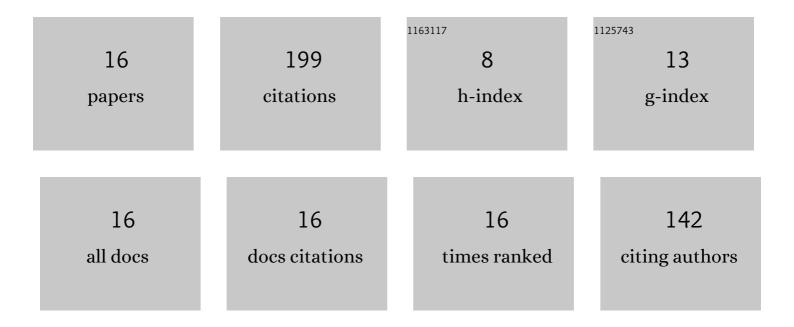
## Silambarasan Perumal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5927967/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A facile synthesis of metal ferrites and their catalytic removal of toxic nitro-organic pollutants. Environmental Pollution, 2021, 270, 116063.	7.5	39
2	Feasibility of magnetic nano adsorbent impregnated with activated carbon from animal bone waste: Application for the chromium (VI) removal. Environmental Research, 2022, 203, 111813.	7.5	38
3	Surface-tuned hierarchical É <b>¤</b> e2O3–N-rGO nanohydrogel for efficient catalytic removal and electrochemical sensing of toxic nitro compounds. Chemosphere, 2021, 268, 128853.	8.2	31
4	2D Trimetal-organic framework derived metal carbon hybrid catalyst for urea electro-oxidation and 4-nitrophenol reduction. Chemosphere, 2021, 267, 129243.	8.2	23
5	Sustainable NO removal and its sensitive monitoring at room temperature by electrogenerated Ni (I) electron mediator. Chemosphere, 2021, 265, 129122.	8.2	17
6	Sustainable generation of homogeneous Fe(VI) oxidant for the room temperature removal of gaseous N2O by electro-scrubbing process. Chemosphere, 2021, 272, 129497.	8.2	11
7	Real-time monitoring of chlorobenzene gas using an electrochemical gas sensor during mediated electrochemical degradation at room temperature. Journal of Electroanalytical Chemistry, 2021, 894, 115372.	3.8	11
8	Enhanced sustainable electro-generation of a Ni (I) homogeneous electro-catalyst at a silver solid amalgam electrode for the continuous degradation of N2O, NO, DCM, and CB pollutants. Journal of Hazardous Materials, 2021, 420, 126564.	12.4	11
9	Real time potentiometric macro flow sensor: An innovative tool to monitor electrogenerated electron mediator in high concentrated electrolyte during electrolysis and air pollutants removal. Electrochimica Acta, 2019, 295, 427-433.	5.2	6
10	Towards Efficient Potentiometric Sensor for a Homogenous Active Metal Ion: Rationalization Using Perpendicular and Parallel Solution Flow Methods. Journal of the Electrochemical Society, 2020, 167, 067520.	2.9	4
11	Cerium-polysulfide redox flow battery with possible high energy density enabled by MFI-Zeolite membrane working with acid-base electrolytes. Chemosphere, 2022, 291, 132680.	8.2	4
12	Combination of Acid-Base Electrolyte at Each Half-Cell with a Single Zeolite Membrane for Crossover Free and Possible Increased Energy Density in an All Aqueous Redox Flow Battery. Journal of the Electrochemical Society, 2021, 168, 020531.	2.9	2
13	Study of Preventing the Alumina Dissolution and Metal Ion Migration in the Ceramic Membrane Divided -Electrochemical Cell Worked with High Acid-Base Electrolyte. Journal of the Electrochemical Society, 0, , .	2.9	1
14	Homogeneous Ni(I)tetra Sulfonated Phthalocyanine Electrocatalyst Generated at Low Overpotential Clubbed with a Wet‣crubbing Column for High Efficiency NO Reduction to NH 3. ChemistrySelect, 2021, 6, 11980-11984.	1.5	1
15	The Kinetic Parameters Derived Based on Transient Current Changes in Paired Electrolysis at Rotating Disc Electrode for an E' Reaction in a Highly Concentrated Electrolyte. International Journal of Electrochemical Science, 2020, 15, 7370-7380.	1.3	0
16	Enhancing the mediated electrochemical reduction process combined with developed liquid-gas electrochemical flow sensors for sustainable N2O removal at room temperature. Environmental Research, 2022, 204, 111912.	7.5	0