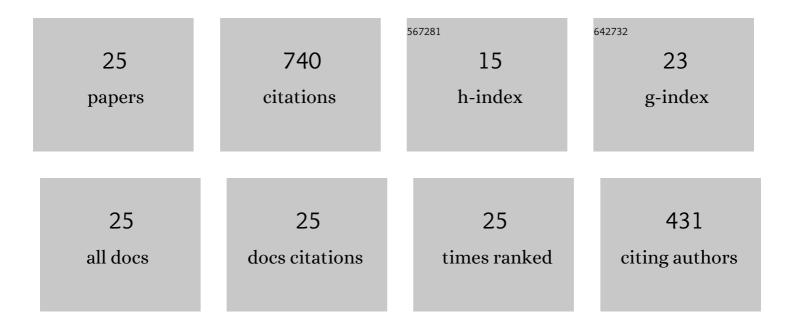
Noureddine Nasrallah

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Peroxidase enzymes as green catalysts for bioremediation and biotechnological applications: A review. Science of the Total Environment, 2022, 806, 150500.	8.0	59
2	High efficient Cefixime removal from water by the sillenite Bi12TiO20: Photocatalytic mechanism and degradation pathway. Journal of Cleaner Production, 2022, 330, 129934.	9.3	54
3	Characterization and application of the spinel CuCr2O4 synthesized by sol–gel method for sunset yellow photodegradation. Journal of Sol-Gel Science and Technology, 2022, 101, 390-400.	2.4	9
4	Effect of the synthesis pH, the nature of the divalent cations and the metal salt concentration on the formation of layered double hydroxides for removal of Cochineal Red A dye from aqueous solutions. Journal of Chemical Research, 2022, 46, 174751982110605.	1.3	0
5	Opto-electrochemical characteristics of synthesized BaFe2O4 nanocomposites: Photocatalytic degradation and hydrogen generation investigation. International Journal of Hydrogen Energy, 2022, 47, 12039-12051.	7.1	12
6	Water treatment intensification using a monophasic hybrid process coupling nanofiltration and ozone/hydrogen peroxide advanced oxidation. Chemical Engineering Journal, 2022, 437, 135263.	12.7	10
7	Techno-economic studies for a pilot-scale Bi12TiO20 based photocatalytic system for pharmaceutical wastewater treatment: From laboratory studies to commercial-scale applications. Journal of Water Process Engineering, 2022, 48, 102847.	5.6	24
8	Ozone compatibility with polymer nanofiltration membranes. Journal of Membrane Science, 2021, 618, 118656.	8.2	21
9	Bio-based and cost effective method for phenolic compounds removal using cross-linked enzyme aggregates. Journal of Hazardous Materials, 2021, 403, 124021.	12.4	26
10	Artificial neural network modeling of cefixime photodegradation by synthesized CoBi2O4 nanoparticles. Environmental Science and Pollution Research, 2021, 28, 15436-15452.	5.3	45
11	A comparative study of ceramic nanoparticles synthesized for antibiotic removal: catalysis characterization and photocatalytic performance modeling. Environmental Science and Pollution Research, 2021, 28, 13900-13912.	5.3	39
12	Synthesis and Characterization of ZnBi2O4 Nanoparticles: Photocatalytic Performance for Antibiotic Removal under Different Light Sources. Applied Sciences (Switzerland), 2021, 11, 3975.	2.5	39
13	Structural and electrochemical characterizations of Bi12CoO20 sillenite crystals: degradation and reduction of organic and inorganic pollutants. Journal of Materials Science: Materials in Electronics, 2021, 32, 16411-16420.	2.2	39
14	Innovative photocatalytic luminous textiles optimized towards water treatment: Performance evaluation of photoreactors. Chemical Engineering Journal, 2021, 416, 129195.	12.7	12
15	Zn-Fe Layered Double Hydroxides Synthesized by Three (03) Methods of Coprecipitation : Application to the Removal of Cochineal Red Dye from Aqueous Solution. Fibers and Polymers, 2021, 22, 3358-3367.	2.1	5
16	Simultaneous removal of antibiotics and inactivation of antibiotic-resistant bacteria by photocatalysis: A review. Journal of Water Process Engineering, 2021, 42, 102089.	5.6	181
17	An engineering approach towards the design of an innovative compact photo-reactor for antibiotic removal in the frame of laboratory and pilot-plant scale. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113445.	3.9	7
18	Synthesis, structural, and opto-electrochemical properties of cobalt aluminate type spinel and its use with ZnQ for Cr(VI) photoreduction. Environmental Science and Pollution Research, 2021, 1	5.3	0

#	Article	IF	CITATIONS
19	Application of Bi12ZnO20 Sillenite as an Efficient Photocatalyst for Wastewater Treatment: Removal of Both Organic and Inorganic Compounds. Materials, 2021, 14, 5409.	2.9	17
20	Reconsideration of the contribution of photogenerated ROS in methyl orange degradation on TiO2, Cu2O, WO3, and Bi2O3 under low-intensity simulated solar light: mechanistic understanding of photocatalytic activity. Euro-Mediterranean Journal for Environmental Integration, 2021, 6, 1.	1.3	6
21	Facile synthesis, structural and optical characterizations of Bi12ZnO20 sillenite crystals: Application for Cefuroxime removal from wastewater. Materials Letters, 2021, 304, 130658.	2.6	15
22	Photocatalytic treatment of petroleum industry wastewater using recirculating annular reactor: comparison of experimental and modeling. Environmental Science and Pollution Research, 2019, 26, 19035-19046.	5.3	30
23	Treatment of hospital indoor air by a hybrid system of combined plasma with photocatalysis: Case of trichloromethane. Chemical Engineering Journal, 2018, 349, 276-286.	12.7	49
24	Anti-inflammatory activity of essential oil of an endemic <i>Thymus fontanesii</i> Boiss. & Reut. with chemotype carvacrol, and its healing capacity on gastric lesions. Journal of Food Biochemistry, 2017, 41, e12359.	2.9	9
25	Relevance of a hybrid process coupling adsorption and visible light photocatalysis involving a new hetero-system CuCo2O4/TiO2 for the removal of hexavalent chromium. Journal of Environmental Chemical Engineering, 2015, 3, 548-559.	6.7	32