

# Dimitra Dimotikali

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

715  
citations

687335

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h-index

752679

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1057  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical vs thermal exfoliation of g-C <sub>3</sub> N <sub>4</sub> for NO <sub>x</sub> removal under visible light irradiation. Applied Catalysis B: Environmental, 2018, 239, 16-26.	20.2	185
2	Photocatalytic activity of modified g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> nanocomposites for NO <sub>x</sub> removal. Catalysis Today, 2017, 280, 37-44.	4.4	94
3	New aspect of the mechanism of photocatalytic oxidation of organic compounds by polyoxometalates in aqueous solutions. The selective photooxidation of propan-2-ol to propanone: The role of OH radicals. Physical Chemistry Chemical Physics, 1999, 1, 437-440.	2.8	80
4	Light Induced Elimination of Mono- and Polychlorinated Phenols from Aqueous Solutions by PW12O <sub>40</sub> <sup>3-</sup> . The Case of 2,4,6-Trichlorophenol. Environmental Science & Technology, 2000, 34, 2024-2028.	10.0	70
5	Novel torus shaped g-C <sub>3</sub> N <sub>4</sub> photocatalysts. Applied Catalysis B: Environmental, 2020, 268, 118733.	20.2	56
6	Biocompatible photolithographic process for the patterning of biomolecules. Biosensors and Bioelectronics, 2002, 17, 269-278.	10.1	52
7	Enhanced NO <sub>2</sub> abatement by alkaline-earth modified g-C <sub>3</sub> N <sub>4</sub> nanocomposites for efficient air purification. Applied Surface Science, 2018, 430, 225-233.	6.1	33
8	Luminescent Methods in the Analysis of Untreated Edible Oils: A Review. Analytical Letters, 2012, 45, 625-641.	1.8	26
9	All-Organic Sulfonium Salts Acting as Efficient Solution Processed Electron Injection Layer for PLEDs. ACS Applied Materials & Interfaces, 2013, 5, 12346-12354.	8.0	17
10	Incorporating triphenyl sulfonium salts in polyfluorene PLEDs: an all-organic approach to improved charge injection. Journal of Materials Chemistry, 2011, 21, 9296.	6.7	16
11	Selective removal of organic and inorganic air pollutants by adjusting the g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> ratio. Catalysis Today, 2021, 361, 37-42.	4.4	16
12	Green Asymmetric Synthesis: $\alpha$ -Amino Alcohol-Catalyzed Direct Asymmetric Aldol Reactions in Aqueous Micelles. Chirality, 2013, 25, 119-125.	2.6	14
13	Protein-Resistant Cross-Linked Poly(vinyl alcohol) Micropatterns via Photolithography Using Removable Polyoxometalate Photocatalyst. ACS Applied Materials & Interfaces, 2014, 6, 17463-17473.	8.0	14
14	Dehydration of molybdenum oxide hole extraction layers via microwave annealing for the improvement of efficiency and lifetime in organic solar cells. Journal of Materials Chemistry C, 2016, 4, 7683-7694.	5.5	13
15	Influence of the anion on the optoelectronic characteristics of triphenylsulfonium salts modified polymer light emitting devices. Synthetic Metals, 2013, 181, 37-44.	3.9	9
16	Effect of triphenylsulfonium triflate addition in wide band-gap polymer light-emitting diodes: improved charge injection, transport and electroplex-induced emission tuning. RSC Advances, 2012, 2, 11786.	3.6	8
17	A Convenient One-Step Synthesis of Stable $\beta$ -Amino Alcohol N-Boranes from $\alpha$ -Amino Acids. Synthesis, 2012, 44, 1057-1062.	2.3	5
18	Photochemically-Induced Acid Generation from 18-Molybdodiphosphate and 18-Tungstodiphosphate within Poly(2-Hydroxyethyl Methacrylate) Films. Inorganic Chemistry, 2009, 48, 4896-4907.	4.0	3

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19	Catalytic Asymmetric Reduction of Prochiral Ketones with Chiral $\beta^2$ -Amino Alcohol N-Boranes and the Corresponding Tris(oxazaborolidine)borazines. <i>Synlett</i> , 2013, 24, 2401-2406.	1.8	3
20	Ion-Activated Greatly Enhanced Conductivity of Thin Organic Semiconducting Films in Two-Terminal Devices. <i>Advanced Electronic Materials</i> , 2020, 6, 2000238.	5.1	1