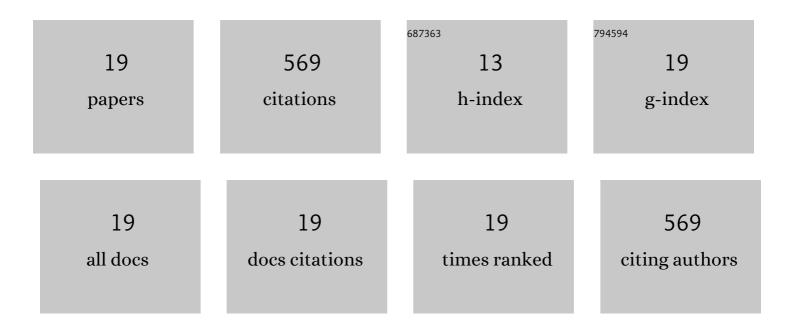
Venkatesan jayaraman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8081421/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Facile preparation of bismuth vanadate-sheet/carbon nitride rod-like interface photocatalyst for efficient degradation of model organic pollutant under direct sunlight irradiation. Chemosphere, 2022, 287, 132055.	8.2	14
2	Assembly of mixed Bi4V1.4Nb0.6O11 phase and g-C3N4 photoactive material over rGO: Enhanced organic model pollutants removal under sun light irradiation. Materials Science in Semiconductor Processing, 2021, 124, 105611.	4.0	8
3	Copper ions induced α-Ag2–2xCuxWO4 (0 ≤ ≤0.12) solid solutions with favorable sunlight photocatalytic removal of toxic pollutants. Journal of Alloys and Compounds, 2021, 871, 159530.	5.5	8
4	Preparation and characterization of the Cu, Fe co-doped Bi2Ti2O7/EC-g-C3N4 material for organic model pollutants removal under direct sun light irradiation. Materials Research Bulletin, 2021, 143, 111439.	5.2	11
5	Facile preparation of novel Sb2S3 nanoparticles/rod-like α-Ag2WO4 heterojunction photocatalysts: Continuous modulation of band structure towards the efficient removal of organic contaminants. Separation and Purification Technology, 2020, 236, 116302.	7.9	39
6	Interfacial coupling effect of high surface area Pyrochlore like Ce2Zr2O7 over 2D g-C3N4 sheet photoactive material for efficient removal of organic pollutants. Separation and Purification Technology, 2020, 235, 116242.	7.9	24
7	Ag, Ni bimetallic supported g-C3N4 2D/Cd2Sb2O6.8 pyrochlore interface photocatalyst for efficient removal of organic pollutants. Journal of Materials Science: Materials in Electronics, 2020, 31, 11247-11267.	2.2	6
8	Bridging and synergistic effect of the pyrochlore like Bi ₂ Zr ₂ O ₇ structure with robust CdCuS solid solution for durable photocatalytic removal of the organic pollutants. RSC Advances, 2020, 10, 8880-8894.	3.6	18
9	Optical, photocatalytic properties of novel pyro- stannate A2Sn2O7 (A=Ce, Ca, Sr), and Pt deposited (SrCe)2Sn2O7 for the removal of organic pollutants under direct solar light irradiation. Materials Science in Semiconductor Processing, 2019, 104, 104647.	4.0	12
10	Fabrication of tantalum doped CdS nanoparticles for enhanced photocatalytic degradation of organic dye under visible light exposure. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 580, 123688.	4.7	37
11	One-step hydrothermal synthesis of CaWO4/α-Ag2WO4 heterojunction: An efficient photocatalyst for removal of organic contaminants. Materials Science in Semiconductor Processing, 2019, 104, 104693.	4.0	36
12	Magnetic binary metal oxide intercalated g-C3N4: Energy band tuned p-n heterojunction towards Z-scheme photo-Fenton phenol reduction and mixed dye degradation. Journal of Water Process Engineering, 2019, 32, 100968.	5.6	46
13	Fabrication of CdS PbWO4 nanocomposite to improve the photocatalytic degradation efficiency of methylene blue under visible light irradiation. Journal of Physics and Chemistry of Solids, 2019, 129, 261-269.	4.0	24
14	Synergistic effect of band edge potentials on BiFeO3/V2O5 composite: Enhanced photo catalytic activity. Journal of Environmental Management, 2019, 247, 104-114.	7.8	28
15	Inverse spinel NiFe2O4 deposited g-C3N4 nanosheet for enhanced visible light photocatalytic activity. Materials Science in Semiconductor Processing, 2019, 100, 87-97.	4.0	101
16	CdZnS solid solution supported Ce2Sn2O7 pyrochlore photocatalyst that proves to be an efficient candidate towards the removal of organic pollutants. Separation and Purification Technology, 2019, 224, 405-420.	7.9	42
17	Photocatalytic degradation of metronidazole and methylene blue by PVA-assisted Bi2WO6–CdS nanocomposite film under visible light irradiation. Applied Nanoscience (Switzerland), 2018, 8, 61-78.	3.1	69
18	An Efficient Photocatalytic and Antibacterial Performance of Ni/Ce–Codoped CdS Nanostructure under Visible Light Irradiation. ChemistrySelect, 2018, 3, 9259-9267.	1.5	14

#	Article	IF	CITATIONS
19	Enhancement of photocatalytic degradation of methylene blue under visible light using transparent Mg-doped CdS–PVA nanocomposite films. Journal of Materials Science: Materials in Electronics, 2017, 28, 13990-13999.	2.2	32