

# Subramanian Balachandran

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

750  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Fabrication of Heterostructured Bi <sub>2</sub> O <sub>3</sub> â€ZnO Photocatalyst and Its Enhanced Photocatalytic Activity. Journal of Physical Chemistry C, 2012, 116, 26306-26312.	3.1	260
2	Facile Construction of Heterostructured BiVO <sub>4</sub> â€ZnO and Its Dual Application of Greater Solar Photocatalytic Activity and Self-Cleaning Property. Industrial & Engineering Chemistry Research, 2014, 53, 8346-8356.	3.7	122
3	The simple, template free synthesis of a Bi <sub>2</sub> S <sub>3</sub> â€ZnO heterostructure and its superior photocatalytic activity under UV-A light. Dalton Transactions, 2013, 42, 5338.	3.3	110
4	Facile fabrication of highly efficient, reusable heterostructured Agâ€ZnOâ€CdO and its twin applications of dye degradation under natural sunlight and self-cleaning. RSC Advances, 2014, 4, 4353-4362.	3.6	83
5	The simple hydrothermal synthesis of Agâ€ZnOâ€SnO <sub>2</sub> nanochain and its multiple applications. Dalton Transactions, 2013, 42, 16365.	3.3	40
6	Heteroarchitected Agâ€Bi <sub>2</sub> O <sub>3</sub> â€ZnO as a bifunctional nanomaterial. RSC Advances, 2016, 6, 20247-20257.	3.6	34
7	Superior photocatalytic, electrocatalytic, and self-cleaning applications of Fly ash supported ZnO nanorods. Materials Chemistry and Physics, 2016, 183, 191-200.	4.0	33
8	Facile hydrothermal synthesis of a highly efficient solar active Pr <sub>6</sub> O <sub>11</sub> â€ZnO photocatalyst and its multiple applications. RSC Advances, 2014, 4, 27642-27653.	3.6	31
9	Facile fabrication of hybrid PA6-decorated TiO <sub>2</sub> fabrics with excellent photocatalytic, anti-bacterial, UV light-shielding, and super hydrophobic properties. RSC Advances, 2017, 7, 52375-52381.	3.6	20
10	Nanoribbon-structured CdWO <sub>4</sub> â€ZnO for multiple applications. Emerging Materials Research, 2016, 5, 264-276.	0.7	12
11	Photo-electrocatalytic activity of praseodymium oxide modified titania nanorods. International Journal of Environmental Analytical Chemistry, 2022, 102, 4909-4925.	3.3	5