

# Thomas V Mathew

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

378  
citations

840776

11  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on the antimicrobial properties of colloidal silver nanoparticles stabilized by bovine serum albumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 14-18.	5.0	63
2	Degradation Studies of Coir Fiber/Polyester and Glass Fiber/Polyester Composites under Different Conditions. <i>Journal of Reinforced Plastics and Composites</i> , 2007, 26, 1571-1585.	3.1	58
3	Photochemical and antimicrobial properties of silver nanoparticle-encapsulated chitosan functionalized with photoactive groups. <i>Materials Science and Engineering C</i> , 2013, 33, 4409-4415.	7.3	44
4	Cyclodextrin based palladium catalysts for Suzuki reaction: An overview. <i>Carbohydrate Research</i> , 2020, 489, 107954.	2.3	26
5	Recent advances and prospects in the nickel-catalyzed cyanation. <i>Journal of Organometallic Chemistry</i> , 2020, 920, 121337.	1.8	24
6	Current developments in the synthesis of 4-chromanone-derived compounds. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7995-8008.	2.8	23
7	Palladium-catalyzed cross-coupling reactions of coumarin derivatives: An overview. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5983.	3.5	21
8	Molecular transport of aromatic hydrocarbons through lignin-filled natural rubber composites. <i>Polymer Composites</i> , 2007, 28, 15-22.	4.6	20
9	Recent studies in Suzuki-Miyaura cross-coupling reactions with the aid of phase transfer catalysts. <i>Journal of Organometallic Chemistry</i> , 2020, 927, 121538.	1.8	18
10	Recent developments in the metal catalysed cross-coupling reactions for the synthesis of the enone system of chalcones. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5987.	3.5	18
11	Palladium-Catalyzed C-P Bond Forming Reactions: An Overview. <i>ChemistrySelect</i> , 2021, 6, 1579-1588.	1.5	16
12	Recent Developments and Perspectives in the C-Se Cross Coupling Reactions. <i>Current Organic Chemistry</i> , 2020, 24, 1230-1262.	1.6	10
13	Surface functionalization of ZnO nanoparticles with functionalized bovine serum albumin as a biocompatible photochemical and antimicrobial agent. <i>Surfaces and Interfaces</i> , 2021, 24, 101056.	3.0	9
14	Recent Trends in Nickel-Catalyzed C-S Bond Formation. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	9
15	Synthesis and characterization of sodium-lithium niobate ceramic structures and their composites with biopolymers. <i>Journal of Advanced Ceramics</i> , 2013, 2, 11-20.	17.4	7
16	Recent developments of supported Palladium nanocatalyst and magnetically separable supported Palladium nanocatalysts for Heck cross-coupling reactions. <i>Journal of Nanoparticle Research</i> , 2022, 24, .	1.9	6
17	4-(1-Pyrenyl)butyric acid-functionalised chitosan as a matrix for AgNP: photoresponsive and thermal properties. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	5
18	Host-guest phenomena in polystyrene networks. <i>Journal of Applied Polymer Science</i> , 2007, 105, 3602-3611.	2.6	1