

# Parambath Anilkumar

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

2,045  
citations

516710

16  
h-index

752698

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nanoparticles as Visible-Light Photocatalysts for Efficient CO <sub>2</sub> Conversion and Beyond. <i>Journal of the American Chemical Society</i> , 2011, 133, 4754-4757.	13.7	546
2	Effect of Injection Routes on the Biodistribution, Clearance, and Tumor Uptake of Carbon Dots. <i>ACS Nano</i> , 2013, 7, 5684-5693.	14.6	332
3	Toward quantitatively fluorescent carbon-based "quantum" dots. <i>Nanoscale</i> , 2011, 3, 2023.	5.6	264
4	Carbon dots of different composition and surface functionalization: cytotoxicity issues relevant to fluorescence cell imaging. <i>Experimental Biology and Medicine</i> , 2011, 236, 1231-1238.	2.4	152
5	Versatility with carbon dots "from overcooked BBQ to brightly fluorescent agents and photocatalysts. <i>RSC Advances</i> , 2013, 3, 15604.	3.6	108
6	Graphene Oxides Dispersing and Hosting Graphene Sheets for Unique Nanocomposite Materials. <i>ACS Nano</i> , 2011, 5, 3052-3058.	14.6	87
7	Crosslinked Carbon Dots as Ultra-Bright Fluorescence Probes. <i>Small</i> , 2013, 9, 545-551.	10.0	84
8	Carbon Nanoparticles as Chromophores for Photon Harvesting and Photoconversion. <i>ChemPhysChem</i> , 2011, 12, 3604-3608.	2.1	64
9	Blood circulation of soft nanomaterials is governed by dynamic remodeling of protein opsonins at nano-biointerface. <i>Nature Communications</i> , 2020, 11, 3048.	12.8	59
10	Stable and compact zwitterionic polydiacetylene micelles with tumor-targeting properties. <i>Chemical Communications</i> , 2015, 51, 14937-14940.	4.1	38
11	Reverse Stern-Volmer behavior for luminescence quenching in carbon nanoparticles. <i>Canadian Journal of Chemistry</i> , 2011, 89, 104-109.	1.1	37
12	Stealth coatings for nanoparticles. , 2018, , 345-361.		37
13	CYTOTOXICITY EVALUATIONS OF FLUORESCENT CARBON NANOPARTICLES. <i>Nano LIFE</i> , 2010, 01, 153-161.	0.9	35
14	Nanometric Micelles with Photo-Triggered Cytotoxicity. <i>Advanced Functional Materials</i> , 2014, 24, 5246-5252.	14.9	33
15	Cellular uptake and trafficking of polydiacetylene micelles. <i>Nanoscale</i> , 2013, 5, 1955.	5.6	32
16	Linear and nonlinear optical properties of modified graphene-based materials. <i>MRS Bulletin</i> , 2012, 37, 1283-1289.	3.5	25
17	Mega macromolecules as single molecule lubricants for hard and soft surfaces. <i>Nature Communications</i> , 2020, 11, 2139.	12.8	25
18	PEGylation and its alternatives. , 2018, , 363-376.		23

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19	Noncovalent Interactions of Derivatized Pyrenes with Metallic and Semiconducting Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11010-11015.	3.1	16
20	Mucin <sup>1</sup> -Inspired, High Molecular Weight Virus Binding Inhibitors Show Biphasic Binding Behavior to Influenza A Viruses. <i>Small</i> , 2020, 16, e2004635.	10.0	15
21	Facile and Effective Post-Production Separation of Single-Walled Carbon Nanotubes with Paired Aromatic Molecules: A Molecular Tweezers Approach. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6800-6804.	3.1	11
22	Cellulose-derived materials for drug delivery applications. , 2020, , 367-390.		11
23	Polyacrylamide and related polymers. , 2018, , 229-253.		5
24	Simplified high yield TAILS terminomics using a new HPG-ALD 800K-2000 polymer with precipitation. <i>Methods in Enzymology</i> , 2019, 626, 429-446.	1.0	4
25	Cardanol-Derived-Amphiphiles-Based Soft Templates for Conducting Polymer Nanoarchitectures. , 2017, , 109-127.		1
26	Emergence of Sustainable Approaches for Functional Materials: Cashew Nut Shell Liquid and Other Relevant Crop-Based Renewable Resources. , 2017, , 1-17.		1