

Abhishek Kumar Pathak

List of Publications by Year in descending order

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19
papers

844
citations

759233

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839539

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docs citations

20
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nanomaterial-Carbon Fiber Hybrid Composite for Lightweight Structural Composites in the Aerospace Industry: Synthesis, Processing, and Properties. , 2022, , 445-470.		4
2	In situ cross-linking capability of novel amine-functionalized graphene with epoxy nanocomposites. Journal of Applied Polymer Science, 2022, 139, 52249.	2.6	2
3	Polypropylene nanocomposites with high-loading conductive carbon nano-reinforcements for multifunctional applications. Applied Nanoscience (Switzerland), 2021, 11, 493-503.	3.1	12
4	Validation of experimental results for graphene oxide-epoxy polymer nanocomposite through computational analysis. Journal of Polymer Science, 2021, 59, 84-99.	3.8	20
5	Significance of Carbon Fiber Orientation on Thermomechanical Properties of Carbon Fiber Reinforced Epoxy Composite. Fibers and Polymers, 2021, 22, 1923-1933.	2.1	8
6	Relevance of graphene oxide as nanofiller for geometrical variation in unidirectional carbon fiber/epoxy composite. Journal of Applied Polymer Science, 2021, 138, 50985.	2.6	6
7	In-situ observation of tensile failure mode in cross-ply CFRP laminates using Talbot-Lau interferometry. Composite Structures, 2020, 253, 112758.	5.8	11
8	Improved thermomechanical and electrical properties of reduced graphene oxide reinforced polyaniline dodecylbenzenesulfonic acid/divinylbenzene nanocomposites. Journal of Colloid and Interface Science, 2019, 533, 548-560.	9.4	36
9	Enhanced interfacial properties of graphene oxide incorporated carbon fiber reinforced epoxy nanocomposite: a systematic thermal properties investigation. Journal of Polymer Research, 2019, 26, 1.	2.4	52
10	Interleaved MWCNT buckypaper between CFRP laminates to improve through-thickness electrical conductivity and reducing lightning strike damage. Composite Structures, 2019, 210, 581-589.	5.8	65
11	Rice Straw Biomass to High Energy Yield Biocoal by Torrefaction: Indian Perspective. Current Science, 2019, 116, 831.	0.8	16
12	Design of MWCNT bucky paper reinforced PANI-DBSA-DVB composites with superior electrical and mechanical properties. Journal of Materials Chemistry C, 2018, 6, 12396-12406.	5.5	25
13	Excellent mechanical properties of long multiwalled carbon nanotube bridged Kevlar fabric. Carbon, 2018, 137, 104-117.	10.3	76
14	Role of limited hydrogen and flow interval on the growth of single crystal to continuous graphene by low-pressure chemical vapor deposition. Nanotechnology, 2017, 28, 075602.	2.6	9
15	Carbon Nitride Grafted Cobalt Complex (Co@npg ₃ N ₄) for Visible Light-Assisted Esterification of Aldehydes. ChemistrySelect, 2017, 2, 3437-3443.	1.5	22
16	Effect of filler content on the properties of expanded-graphite-based composite bipolar plates for application in polymer electrolyte membrane fuel cells. Materials Research Express, 2017, 4, 095604.	1.6	14
17	Improved mechanical properties of carbon fiber/graphene oxide-epoxy hybrid composites. Composites Science and Technology, 2016, 135, 28-38.	7.8	344
18	Excellent mechanical properties of carbon fiber semi-aligned electrospun carbon nanofiber hybrid polymer composites. RSC Advances, 2016, 6, 36715-36722.	3.6	44

#	ARTICLE	IF	CITATIONS
19	A [Fe(bpy) ₃] ²⁺ grafted graphitic carbon nitride hybrid for visible light assisted oxidative coupling of benzylamines under mild reaction conditions. Green Chemistry, 2016, 18, 2514-2521.	9.0	78