

Abhishek Kumar Pathak

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

844
citations

759233

12
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839539

18
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20
all docs

20
docs citations

20
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved mechanical properties of carbon fiber/graphene oxide-epoxy hybrid composites. <i>Composites Science and Technology</i> , 2016, 135, 28-38.	7.8	344
2	A [Fe(bpy) ₃] ²⁺ grafted graphitic carbon nitride hybrid for visible light assisted oxidative coupling of benzylamines under mild reaction conditions. <i>Green Chemistry</i> , 2016, 18, 2514-2521.	9.0	78
3	Excellent mechanical properties of long multiwalled carbon nanotube bridged Kevlar fabric. <i>Carbon</i> , 2018, 137, 104-117.	10.3	76
4	Interleaved MWCNT buckypaper between CFRP laminates to improve through-thickness electrical conductivity and reducing lightning strike damage. <i>Composite Structures</i> , 2019, 210, 581-589.	5.8	65
5	Enhanced interfacial properties of graphene oxide incorporated carbon fiber reinforced epoxy nanocomposite: a systematic thermal properties investigation. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	52
6	Excellent mechanical properties of carbon fiber semi-aligned electrospun carbon nanofiber hybrid polymer composites. <i>RSC Advances</i> , 2016, 6, 36715-36722.	3.6	44
7	Improved thermomechanical and electrical properties of reduced graphene oxide reinforced polyaniline- <i>o</i> -dodecylbenzenesulfonic acid/divinylbenzene nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 548-560.	9.4	36
8	Design of MWCNT bucky paper reinforced PANI- <i>o</i> -DBSA- <i>o</i> -DVB composites with superior electrical and mechanical properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12396-12406.	5.5	25
9	Carbon Nitride Grafted Cobalt Complex (Co@npg-C ₃ N ₄) for Visible Light-Assisted Esterification of Aldehydes. <i>ChemistrySelect</i> , 2017, 2, 3437-3443.	1.5	22
10	Validation of experimental results for graphene oxide-epoxy polymer nanocomposite through computational analysis. <i>Journal of Polymer Science</i> , 2021, 59, 84-99.	3.8	20
11	Rice Straw Biomass to High Energy Yield Biocoal by Torrefaction: Indian Perspective. <i>Current Science</i> , 2019, 116, 831.	0.8	16
12	Effect of filler content on the properties of expanded-graphite-based composite bipolar plates for application in polymer electrolyte membrane fuel cells. <i>Materials Research Express</i> , 2017, 4, 095604.	1.6	14
13	Polypropylene nanocomposites with high-loading conductive carbon nano-reinforcements for multifunctional applications. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 493-503.	3.1	12
14	In-situ observation of tensile failure mode in cross-ply CFRP laminates using Talbot-Lau interferometry. <i>Composite Structures</i> , 2020, 253, 112758.	5.8	11
15	Role of limited hydrogen and flow interval on the growth of single crystal to continuous graphene by low-pressure chemical vapor deposition. <i>Nanotechnology</i> , 2017, 28, 075602.	2.6	9
16	Significance of Carbon Fiber Orientation on Thermomechanical Properties of Carbon Fiber Reinforced Epoxy Composite. <i>Fibers and Polymers</i> , 2021, 22, 1923-1933.	2.1	8
17	Relevance of graphene oxide as nanofiller for geometrical variation in unidirectional carbon fiber/epoxy composite. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50985.	2.6	6
18	Carbon Nanomaterial-Carbon Fiber Hybrid Composite for Lightweight Structural Composites in the Aerospace Industry: Synthesis, Processing, and Properties. , 2022, , 445-470.		4

#	ARTICLE	IF	CITATIONS
19	In situ crosslinking capability of novel amine-functionalized graphene with epoxy nanocomposites. Journal of Applied Polymer Science, 2022, 139, 52249.	2.6	2