

Krishna K Pandey

List of Publications by Year in descending order

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31
papers

2,611
citations

394421

19
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501196

28
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32
docs citations

32
times ranked

3094
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of extractives and thermal modification on the UV resistance of <i>Albizia lebbbeck</i> wood. <i>Wood Material Science and Engineering</i> , 2023, 18, 540-548.	2.3	6
2	UV resistant wood coating based on zinc oxide and cerium oxide dispersed linseed oil nano-emulsion. <i>Materials Today Communications</i> , 2022, 30, 103177.	1.9	12
3	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 275-301.	2.9	40
4	Optical properties of transparent wood composites prepared using transverse sections of poplar wood. <i>Holzforschung</i> , 2022, 76, 658-667.	1.9	6
5	Physiochemical characterization and thermal behaviour of transparent wood composite. <i>Materials Today Communications</i> , 2022, 31, 103767.	1.9	5
6	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1-67.	2.9	93
7	Simple and rapid FTIR spectral data and chemometric analysis based method for evaluation of the quality of Indian Sandalwood oil. <i>Journal of Essential Oil Research</i> , 2021, 33, 376-384.	2.7	0
8	Photostable transparent wood composite functionalized with an UV-absorber. <i>Polymer Degradation and Stability</i> , 2021, 189, 109600.	5.8	52
9	The success of the Montreal Protocol in mitigating interactive effects of stratospheric ozone depletion and climate change on the environment. <i>Global Change Biology</i> , 2021, 27, 5681-5683.	9.5	9
10	Environmental effects of stratospheric ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2019. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 542-584.	2.9	59
11	Photostability of acetylated wood coated with nano zinc oxide. <i>Maderas: Ciencia Y Tecnologia</i> , 2020, , 0-0.	0.7	1
12	Flexible transparent wood prepared from poplar veneer and polyvinyl alcohol. <i>Composites Science and Technology</i> , 2019, 182, 107719.	7.8	65
13	Chemical and Application Properties of Some Solvent and Water Based Coatings on Wooden Substrate. <i>Drvna Industrija</i> , 2019, 70, 107-114.	0.6	3
14	Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. <i>Nature Sustainability</i> , 2019, 2, 569-579.	23.7	156
15	Interactive effects of solar UV radiation and climate change on material damage. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 804-825.	2.9	71
16	UV stabilization of wood by nano metal oxides dispersed in propylene glycol. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 183, 1-10.	3.8	41
17	Environmental effects of ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2017. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 127-179.	2.9	177
18	Decay resistance of rubberwood (<i>Hevea brasiliensis</i>) impregnated with ZnO and CuO nanoparticles dispersed in propylene glycol. <i>International Biodeterioration and Biodegradation</i> , 2017, 122, 100-106.	3.9	23

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19	Enhancing Photostability of Wood Coatings Using Titanium Dioxide Nanoparticles. , 2017, , 251-259.		5
20	Spectral sensitivity in the photodegradation of fir wood (<i>Abies alba</i> Mill.) surfaces: correspondence of physical and chemical changes in natural weathering. <i>Wood Science and Technology</i> , 2016, 50, 989-1002.	3.2	18
21	UV resistance and dimensional stability of wood modified with isopropenyl acetate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 155, 20-27.	3.8	35
22	A Note on the Effect of Microwave Heating on Iodine-Catalyzed Acetylation of Wood. <i>Journal of Wood Chemistry and Technology</i> , 2016, 36, 205-210.	1.7	4
23	Performance of polyurethane coatings on acetylated and benzoylated rubberwood. <i>European Journal of Wood and Wood Products</i> , 2015, 73, 111-120.	2.9	19
24	Photodegradation of thermally modified wood. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 117, 140-145.	3.8	79
25	Photobleaching and Dimensional Stability of Rubber Wood Esterified by Fatty Acid Chlorides. <i>Journal of Wood Chemistry and Technology</i> , 2012, 32, 121-136.	1.7	23
26	Effect of Heat Treatment on Color Changes, Dimensional Stability, and Mechanical Properties of Wood. <i>Journal of Wood Chemistry and Technology</i> , 2012, 32, 304-316.	1.7	93
27	Improvement of UV resistance of wood surfaces by using ZnO nanoparticles. <i>Polymer Degradation and Stability</i> , 2012, 97, 592-596.	5.8	126
28	Comparative study of photodegradation of wood by a UV laser and a xenon light source. <i>Polymer Degradation and Stability</i> , 2008, 93, 2138-2146.	5.8	106
29	Photostability of wood surfaces esterified by benzoyl chloride. <i>Journal of Applied Polymer Science</i> , 2006, 99, 2367-2374.	2.6	37
30	Study of the effect of photo-irradiation on the surface chemistry of wood. <i>Polymer Degradation and Stability</i> , 2005, 90, 9-20.	5.8	311
31	A study of chemical structure of soft and hardwood and wood polymers by FTIR spectroscopy. <i>Journal of Applied Polymer Science</i> , 1999, 71, 1969-1975.	2.6	935