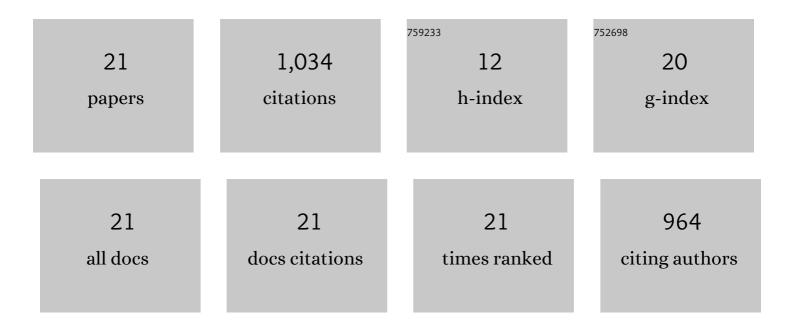
Pankaj Kumar

List of Publications by Year in descending order

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DANKAI KIIMAD

#	Article	IF	CITATIONS
1	A Brief Review on Factors Affecting the Tribological Interaction between Human Skin and Different Textile Materials. Materials, 2022, 15, 2184.	2.9	8
2	Tribocorrosion Behavior of Inconel 718 Fabricated by Laser Powder Bed Fusion-Based Additive Manufacturing. Coatings, 2021, 11, 195.	2.6	7
3	Thermodynamic stabilization of nanocrystalline aluminum. Journal of Materials Science, 2021, 56, 14611-14623.	3.7	12
4	Characterization and Corrosion Behavior Evaluation of Nanostructured TiO2 and Al2O3-13Âwt.%TiO2 Coatings on Aluminum Alloy Prepared via High-Velocity Oxy-Fuel Spray. Journal of Materials Engineering and Performance, 2021, 30, 1356-1370.	2.5	6
5	Tribological Properties of Additive Manufactured Materials for Energy Applications: A Review. Processes, 2021, 9, 31.	2.8	26
6	Material Design and Surface Engineering for Bio-implants. Jom, 2020, 72, 684-696.	1.9	21
7	The non-steady-state growth of divergent pearlite in Fe–C–Mn steels: a phase-field investigation. Journal of Materials Science, 2020, 55, 5280-5295.	3.7	9
8	Selective Laser Melting of Single Track on Ti–6Al–4V Powder: Experimentation and Finite Element Analysis. Arabian Journal for Science and Engineering, 2020, 45, 1173-1180.	3.0	14
9	The Interaction of Point Defects with Stress Fields Generated by Persistent Slip Bands in Faceâ€Centered Cubic Nickel. Advanced Engineering Materials, 2020, 22, 2000490.	3.5	2
10	Surface Energy and Tribology of Electrodeposited Ni and Ni–Graphene Coatings on Steel. Lubricants, 2019, 7, 87.	2.9	20
11	Influence of laser processing parameters on porosity in Inconel 718 during additive manufacturing. International Journal of Advanced Manufacturing Technology, 2019, 103, 1497-1507.	3.0	98
12	The role of yield stress on cracked thin panels of aluminum alloys repaired with a fRP patch. Journal of Adhesion, 2017, 93, 412-429.	3.0	14
13	Very Hard Corrosion-Resistant Roll-Bonded Cr Coating on Mild Steel in Presence of Graphite. Journal of Materials Engineering and Performance, 2017, 26, 5885-5896.	2.5	Ο
14	Optimizing the size of a CFRP patch to repair a crack in a thin sheet. Journal of Adhesion, 2017, 93, 1064-1080.	3.0	22
15	Experimental study of CFRP patches bonded on a cracked aluminum alloy panel. Composite Interfaces, 2015, 22, 233-248.	2.3	15
16	Reduction in Stress Intensity Factor of a Compact Tension Specimen by Bonding Symmetrical GFRP Patches. Journal of the Institution of Engineers (India): Series C, 2013, 94, 239-244.	1.2	1
17	Alternative Magnesium Calcium Oxide Gate Dielectric for Silicon Carbide MOS Application. Materials Research Society Symposia Proceedings, 2006, 911, 3.	0.1	5
18	Relation between the Widom line and the dynamic crossover in systems with a liquid-liquid phase transition. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16558-16562.	7.1	693

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#	Article	IF	CITATIONS
19	Epitaxial growth of magnesia and spinel on sapphire during incongruent reduction in molten magnesium. Journal of Materials Research, 1999, 14, 3312-3318.	2.6	12
20	Title is missing!. Journal of Materials Science, 1999, 34, 5757-5769.	3.7	31
21	The fabrication of near net-shaped spinel bodies by the oxidative transformation of Mg/Al2O3 precursors. Journal of Materials Research, 1998, 13, 3423-3435.	2.6	18