

# Manoj K Singh

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8638257/manoj-k-singh-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114  
papers

6,605  
citations

39  
h-index

80  
g-index

118  
ext. papers

7,458  
ext. citations

4.8  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
114	Ternary VS <sub>2</sub> /ZnS/CdS hybrids as efficient electrocatalyst for hydrogen evolution reaction: Experimental and theoretical insights. <i>AIP Advances</i> , <b>2021</b> , 11, 105010	1.5	4
113	Thermosyphon solar water heating system with Cu/water nanofluid and wire coil configurations: Efficiency, energy, economic, environmental, and heat transfer study. <i>Environmental Progress and Sustainable Energy</i> , <b>2021</b> , 40, e13648	2.5	0
112	Optimized performance of nickel in crystal-layered arrangement of NiFe <sub>2</sub> O <sub>4</sub> /rGO hybrid for high-performance oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 2617-2629	6.7	19
111	Efficiency analysis of thermosyphon solar flat plate collector with low mass concentrations of NiCo <sub>3</sub> O <sub>4</sub> hybrid nanofluids: an experimental study. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2021</b> , 143, 959-972	4.1	12
110	Tuning the synergistic effects of MoS <sub>2</sub> and spinel NiFe <sub>2</sub> O <sub>4</sub> nanostructures for high performance energy storage and conversion applications. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 3906-3917	5.8	2
109	Solar energy absorbed thermosyphon flat plate collector analysis using Cu/H <sub>2</sub> O nanofluid [An experimental study. <i>Energy and Climate Change</i> , <b>2021</b> , 2, 100028	1.2	2
108	Energy, efficiency, economic impact, and heat transfer aspects of solar flat plate collector with Al <sub>2</sub> O <sub>3</sub> nanofluids and wire coil with core rod inserts. <i>Sustainable Energy Technologies and Assessments</i> , <b>2020</b> , 40, 100772	4.7	23
107	Thermal Energy Storage in Phase Change Materials and Its Applications <b>2020</b> , 29-49		
106	Combination of Co <sub>3</sub> O <sub>4</sub> deposited rGO hybrid nanofluids and longitudinal strip inserts: Thermal properties, heat transfer, friction factor, and thermal performance evaluations. <i>Thermal Science and Engineering Progress</i> , <b>2020</b> , 20, 100695	3.6	26
105	Efficiency, energy and economic analysis of twisted tape inserts in a thermosyphon solar flat plate collector with Cu nanofluids. <i>Renewable Energy Focus</i> , <b>2020</b> , 35, 10-31	5.4	13
104	Augmentation of Heat Transfer of High Prandtl Number Fe <sub>3</sub> O <sub>4</sub> /vacuum pump oil nanofluids flow in a tube with twisted tape inserts in laminar flow. <i>Heat and Mass Transfer</i> , <b>2020</b> , 56, 3111-3125	2.2	1
103	Heat transfer and effectiveness experimentally-based analysis of wire coil with core-rod inserted in Fe <sub>3</sub> O <sub>4</sub> /water nanofluid flow in a double pipe U-bend heat exchanger. <i>International Journal of Heat and Mass Transfer</i> , <b>2019</b> , 134, 405-419	4.9	22
102	Synthesis, Characterization, and Properties of Graphene Analogs of 2D Material <b>2019</b> , 91-143		7
101	Recent Developments in Graphene-Based Two-Dimensional Heterostructures for Sensing Applications <b>2019</b> , 407-436		5
100	CVD of flat monolayer of 2D atomics honeycomb structure and their applications <b>2019</b> , 245-271		
99	The Cobalt Oxide-Based Composite Nanomaterial Synthesis and Its Biomedical and Engineering Applications <b>2019</b> ,		2
98	Heat transfer and friction factor of nanodiamond-nickel hybrid nanofluids flow in a tube with longitudinal strip inserts. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 121, 390-401	4.9	24

97	Effect of twisted tape inserts on heat transfer, friction factor of Fe <sub>3</sub> O <sub>4</sub> nanofluids flow in a double pipe U-bend heat exchanger. <i>International Communications in Heat and Mass Transfer</i> , <b>2018</b> , 95, 53-62	5.8	36
96	Experimental investigation of Al <sub>2</sub> O <sub>3</sub> /water nanofluids on the effectiveness of solar flat-plate collectors with and without twisted tape inserts. <i>Renewable Energy</i> , <b>2018</b> , 119, 820-833	8.1	91
95	Turbulent heat transfer and friction factor of nanodiamond-nickel hybrid nanofluids flow in a tube: An experimental study. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 117, 223-234	4.9	47
94	Effectiveness analysis of solar flat plate collector with Al <sub>2</sub> O <sub>3</sub> water nanofluids and with longitudinal strip inserts. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 127, 422-435	4.9	52
93	Experimental heat transfer, friction factor and effectiveness analysis of Fe <sub>3</sub> O <sub>4</sub> nanofluid flow in a horizontal plain tube with return bend and wire coil inserts. <i>International Journal of Heat and Mass Transfer</i> , <b>2017</b> , 109, 440-453	4.9	44
92	Effect of samarium and vanadium co-doping on structure, ferroelectric and photocatalytic properties of bismuth titanate. <i>RSC Advances</i> , <b>2017</b> , 7, 9680-9692	3.7	26
91	Charge injection in large area multilayer graphene by ambient Kelvin probe force microscopy. <i>Applied Materials Today</i> , <b>2017</b> , 8, 18-25	6.6	11
90	Purely Visible-Light-Induced Photochromism in Ag-TiO Nanoheterostructures. <i>Langmuir</i> , <b>2017</b> , 33, 4890-4902	4.9	30
89	Filled-carbon nanotubes: 1 D nanomagnets possessing uniaxial magnetization axis and reversal magnetization switching. <i>Carbon</i> , <b>2017</b> , 119, 464-475	10.4	4
88	Optimization of post-deposition annealing in Cu <sub>2</sub> ZnSnS <sub>4</sub> thin film solar cells and its impact on device performance. <i>Solar Energy Materials and Solar Cells</i> , <b>2017</b> , 170, 287-294	6.4	38
87	Experimental investigation of the thermal transport properties of graphene oxide/Co <sub>3</sub> O <sub>4</sub> hybrid nanofluids. <i>International Communications in Heat and Mass Transfer</i> , <b>2017</b> , 84, 1-10	5.8	88
86	Biocompatibility and biotoxicity of in-situ synthesized carboxylated nanodiamond-cobalt oxide nanocomposite. <i>Journal of Materials Science and Technology</i> , <b>2017</b> , 33, 879-888	9.1	7
85	Heat transfer, friction factor and effectiveness of Fe <sub>3</sub> O <sub>4</sub> nanofluid flow in an inner tube of double pipe U-bend heat exchanger with and without longitudinal strip inserts. <i>Experimental Thermal and Fluid Science</i> , <b>2017</b> , 85, 331-343	3	27
84	Defect concentration in nitrogen-doped graphene grown on Cu substrate: A thickness effect. <i>Physica B: Condensed Matter</i> , <b>2017</b> , 513, 62-68	2.8	2
83	Heat transfer, friction factor and effectiveness analysis of Fe <sub>3</sub> O <sub>4</sub> /water nanofluid flow in a double pipe heat exchanger with return bend. <i>International Communications in Heat and Mass Transfer</i> , <b>2017</b> , 81, 155-163	5.8	61
82	Hybrid nanofluids preparation, thermal properties, heat transfer and friction factor [A review]. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 68, 185-198	16.2	281
81	Crystal structure, phase stoichiometry and chemical environment of Mg <sub>x</sub> Nb <sub>y</sub> O <sub>x+y</sub> nanoparticles and their impact on hydrogen storage in MgH <sub>2</sub> . <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 11709-11715	6.7	116
80	Thermal conductivity and viscosity of water based nanodiamond (ND) nanofluids: An experimental study. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 76, 245-255	5.8	76

79	Thermal conductivity and viscosity of hybrid nanofluids prepared with magnetic nanodiamond-cobalt oxide (ND-Co <sub>3</sub> O <sub>4</sub> ) nanocomposite. <i>Case Studies in Thermal Engineering</i> , <b>2016</b> , 7, 66-77	5.6	79
78	Nanodiamond-Fe <sub>3</sub> O <sub>4</sub> nanofluids: Preparation and measurement of viscosity, electrical and thermal conductivities. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 73, 62-74	5.8	116
77	Enhanced thermal properties of nanodiamond nanofluids. <i>Chemical Physics Letters</i> , <b>2016</b> , 644, 99-110	2.5	19
76	Heat transfer and friction factor of multi-walled carbon nanotubes/Fe <sub>3</sub> O <sub>4</sub> nanocomposite nanofluids flow in a tube with/without longitudinal strip inserts. <i>International Journal of Heat and Mass Transfer</i> , <b>2016</b> , 100, 691-703	4.9	47
75	Electrostatic self-assembled graphene oxide-collagen scaffolds towards a three-dimensional microenvironment for biomimetic applications. <i>RSC Advances</i> , <b>2016</b> , 6, 49039-49051	3.7	26
74	Effects of Additives on Kinetics, Morphologies and Lead-Sensing Property of Electrodeposited Bismuth Films. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 22398-22406	3.8	23
73	Nanographene Oxide Functionalization with Organic and Hybrid Organic/Inorganic Polymers by Molecular Layer Deposition. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 24176-24186	3.8	10
72	Experimental thermal conductivity and viscosity of nanodiamond-based propylene glycol and water mixtures. <i>Diamond and Related Materials</i> , <b>2016</b> , 69, 49-60	3.5	39
71	Nitrogen-modified nano-titania: True phase composition, microstructure and visible-light induced photocatalytic NO abatement. <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 231, 87-100	3.3	14
70	Quantitative XRD characterisation and gas-phase photocatalytic activity testing for visible-light (indoor applications) of KRONOClean 7000. <i>RSC Advances</i> , <b>2015</b> , 5, 102911-102918	3.7	31
69	Experimental study of heat transfer and friction factor of Al <sub>2</sub> O <sub>3</sub> nanofluid in U-tube heat exchanger with helical tape inserts. <i>Experimental Thermal and Fluid Science</i> , <b>2015</b> , 62, 141-150	3	55
68	Adsorption and Coupling of 4-aminophenol on Pt(111) surfaces. <i>Surface Science</i> , <b>2015</b> , 646, 5-12	1.8	8
67	Heat Transfer Enhancement of Low Volume Concentration of Carbon Nanotube-Fe <sub>3</sub> O <sub>4</sub> /Water Hybrid Nanofluids in a Tube With Twisted Tape Inserts Under Turbulent Flow. <i>Journal of Thermal Science and Engineering Applications</i> , <b>2015</b> , 7,	1.9	46
66	Magnetic Field Induced Enhancement in Thermal Conductivity and Viscosity of Stabilized Vacuum Pump Oil (VPO)/Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanofluids. <i>Journal of Nanofluids</i> , <b>2015</b> , 4, 7-15	2.2	6
65	Heat Transfer and Friction Factor of Al <sub>2</sub> O <sub>3</sub> Nanofluid Flow in a Double Pipe U-Tube Heat Exchanger and with Longitudinal Strip Inserts: An Experimental Study. <i>Journal of Nanofluids</i> , <b>2015</b> , 4, 293-301	2.2	7
64	Enhanced thermal conductivity and viscosity of nanodiamond-nickel nanocomposite nanofluids. <i>Scientific Reports</i> , <b>2014</b> , 4, 4039	4.9	107
63	Enhanced heat transfer and friction factor of MWCNT/Fe <sub>3</sub> O <sub>4</sub> /water hybrid nanofluids. <i>International Communications in Heat and Mass Transfer</i> , <b>2014</b> , 52, 73-83	5.8	345
62	Comparative study on thermal performance of twisted tape and wire coil inserts in turbulent flow using CuO/water nanofluid. <i>Experimental Thermal and Fluid Science</i> , <b>2014</b> , 57, 65-76	3	73

61	Single-bilayer graphene oxide sheet impacts and underlying potential mechanism assessment in germinating faba bean ( <i>Vicia faba</i> L.). <i>Science of the Total Environment</i> , <b>2014</b> , 472, 834-41	10.2	105
60	Experimental investigations in heat transfer and friction factor of magnetic Ni nanofluid flowing in a tube. <i>International Journal of Heat and Mass Transfer</i> , <b>2014</b> , 70, 224-234	4.9	56
59	Thermal conductivity and viscosity of stabilized ethylene glycol and water mixture Al <sub>2</sub> O <sub>3</sub> nanofluids for heat transfer applications: An experimental study. <i>International Communications in Heat and Mass Transfer</i> , <b>2014</b> , 56, 86-95	5.8	172
58	Numerical validation of experimental heat transfer coefficient with SiO <sub>2</sub> nanofluid flowing in a tube with twisted tape inserts. <i>Applied Thermal Engineering</i> , <b>2014</b> , 73, 296-306	5.8	56
57	Electrical conductivity enhancement of nanodiamond–nickel (ND–Ni) nanocomposite based magnetic nanofluids. <i>International Communications in Heat and Mass Transfer</i> , <b>2014</b> , 57, 1-7	5.8	31
56	Nanodiamonds activate blood platelets and induce thromboembolism. <i>Nanomedicine</i> , <b>2014</b> , 9, 427-40	5.6	31
55	Preparation, Thermal and Rheological Properties of Propylene Glycol and Water Mixture Based Fe <sub>3</sub> O <sub>4</sub> Nanofluids. <i>Journal of Nanofluids</i> , <b>2014</b> , 3, 200-209	2.2	7
54	Single-bilayer graphene oxide sheet tolerance and glutathione redox system significance assessment in faba bean ( <i>Vicia faba</i> L.). <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	51
53	Thermal conductivity of ethylene glycol and water mixture based Fe <sub>3</sub> O <sub>4</sub> nanofluid. <i>International Communications in Heat and Mass Transfer</i> , <b>2013</b> , 49, 17-24	5.8	127
52	Comparison of synthetic dopamine-eumelanin formed in the presence of oxygen and Cu <sup>2+</sup> cations as oxidants. <i>Langmuir</i> , <b>2013</b> , 29, 12754-61	4	60
51	Morphological, compositional and ultrastructural changes in the <i>Scrobicularia plana</i> shell in response to environmental mercury--an indelible fingerprint of metal exposure?. <i>Chemosphere</i> , <b>2013</b> , 90, 2697-704	8.4	1
50	Empirical and theoretical correlations on viscosity of nanofluids: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2013</b> , 25, 670-686	16.2	148
49	Experimental thermal conductivity of ethylene glycol and water mixture based low volume concentration of Al <sub>2</sub> O <sub>3</sub> and CuO nanofluids. <i>International Communications in Heat and Mass Transfer</i> , <b>2013</b> , 41, 41-46	5.8	193
48	Convective heat transfer and friction factor correlations of nanofluid in a tube and with inserts: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2013</b> , 20, 23-35	16.2	101
47	Investigation of thermal conductivity and viscosity of Fe <sub>3</sub> O <sub>4</sub> nanofluid for heat transfer applications. <i>International Communications in Heat and Mass Transfer</i> , <b>2013</b> , 44, 7-14	5.8	253
46	Self-assembly of tetramers of 5,6-dihydroxyindole explains the primary physical properties of eumelanin: experiment, simulation, and design. <i>ACS Nano</i> , <b>2013</b> , 7, 1524-32	16.7	122
45	Deposition Mechanism and Properties of Thin Polydopamine Films for High Added Value Applications in Surface Science at the Nanoscale. <i>BioNanoScience</i> , <b>2012</b> , 2, 16-34	3.4	118
44	Graphene oxide and hydroxyapatite as fillers of polylactic acid nanocomposites: preparation and characterization. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 6686-92	1.3	30

43	Viscosity of low volume concentrations of magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles dispersed in ethylene glycol and water mixture. <i>Chemical Physics Letters</i> , <b>2012</b> , 554, 236-242	2.5	99
42	Large-area high-throughput synthesis of monolayer graphene sheet by Hot Filament Thermal Chemical Vapor Deposition. <i>Scientific Reports</i> , <b>2012</b> , 2, 682	4.9	120
41	Amine-modified graphene: thrombo-protective safer alternative to graphene oxide for biomedical applications. <i>ACS Nano</i> , <b>2012</b> , 6, 2731-40	16.7	369
40	Experimental investigation of forced convection heat transfer and friction factor in a tube with Fe <sub>3</sub> O <sub>4</sub> magnetic nanofluid. <i>Experimental Thermal and Fluid Science</i> , <b>2012</b> , 37, 65-71	3	159
39	Direct nucleation of silver nanoparticles on graphene sheet. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 6731-6	1.3	11
38	Thrombus inducing property of atomically thin graphene oxide sheets. <i>ACS Nano</i> , <b>2011</b> , 5, 4987-96	16.7	222
37	Carbon Nanotube Based Magnetic Tunnel Junctions (MTJs) for Spintronics Application <b>2011</b> ,		11
36	Characterization of graphene oxide by flow cytometry and assessment of its cellular toxicity. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 30-1	4	11
35	Size distribution analysis and physical/fluorescence characterization of graphene oxide sheets by flow cytometry. <i>Carbon</i> , <b>2011</b> , 49, 684-692	10.4	36
34	Automated high-throughput screening of carbon nanotube-based bio-nanocomposites for bone cement applications. <i>Pure and Applied Chemistry</i> , <b>2011</b> , 83, 2063-2069	2.1	1
33	UV emission from patterned growth of ZnO nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 2764-7	1.3	1
32	Graphene oxide modified with PMMA via ATRP as a reinforcement filler. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9927		381
31	Atomic-scale observation of rotational misorientation in suspended few-layer graphene sheets. <i>Nanoscale</i> , <b>2010</b> , 2, 700-8	7.7	38
30	Integrated biomimetic carbon nanotube composites for in vivo systems. <i>Nanoscale</i> , <b>2010</b> , 2, 2855-63	7.7	32
29	Ferromagnetic behaviour of nickel contacted multiwalled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 2606-10	1.3	
28	Synthesis and field emission properties of ultra-nanocrystalline diamond fibers and helices. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 2422-33	1.3	1
27	Fabrication of vertically aligned carbon nanotubes for spintronic device applications. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 7216		2
26	Fabrication and field emission property studies of vertically aligned multiwalled carbon nanotubes grown by double plasma chemical vapour deposition technique. <i>Diamond and Related Materials</i> , <b>2009</b> , 18, 967-971	3.5	4

25	Time-resolved single molecule fluorescence spectroscopy of Cy5-dCTP: influence of the immobilization strategy. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 7225-30	3.6	7
24	Surface Modification of Graphene Nanosheets with Gold Nanoparticles: The Role of Oxygen Moieties at Graphene Surface on Gold Nucleation and Growth. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 4796-4802	8.6	763
23	Microstructure and electron field emission study of diamond nanorod decorated $\alpha$ -SiO <sub>2</sub> nanowires by microwave Ar/CH <sub>4</sub> /H <sub>2</sub> plasma chemical vapor deposition with addition of N <sub>2</sub> . <i>Diamond and Related Materials</i> , <b>2009</b> , 18, 865-869	3.5	7
22	Biotoxicity study of bone cement based on a functionalised multi-walled carbon nanotube-reinforced PMMA/HAp nanocomposite. <i>International Journal of Nano and Biomaterials</i> , <b>2009</b> , 2, 442	0.2	4
21	Nanocrystalline diamond on SiO <sub>2</sub> fiber: A new class of hybrid material. <i>Diamond and Related Materials</i> , <b>2008</b> , 17, 1106-1109	3.5	3
20	Novel Two-Step Method for Synthesis of High-Density Nanocrystalline Diamond Fibers. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 1725-1732	9.6	9
19	Electron field emission from patterned nanocrystalline diamond coated $\alpha$ -SiO <sub>2</sub> micrometer-tip arrays. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 023113	3.4	25
18	Hydroxyapatite Modified with Carbon-Nanotube-Reinforced Poly(methyl methacrylate): A Nanocomposite Material for Biomedical Applications. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 694-700	15.6	94
17	Optical properties of zigzag twinned geometry of Zn <sub>2</sub> SnO <sub>4</sub> nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 486-9	1.3	10
16	Melting and defect generation in chemical vapor deposited diamond due to irradiation with 100 MeV Au <sup>+</sup> and Ag <sup>+</sup> ions. <i>Thin Solid Films</i> , <b>2006</b> , 503, 121-126	2.2	4
15	Structural and optical properties of tin oxide branched nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 640-3	1.3	2
14	Step growth in single crystal diamond grown by microwave plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , <b>2006</b> , 15, 304-308	3.5	12
13	Structural damage on multiwalled carbon nanotubes and encapsulated single crystal nickel nanorods irradiated with Au <sup>7+</sup> ions of 100 MeV. <i>Diamond and Related Materials</i> , <b>2006</b> , 15, 300-303	3.5	16
12	FTIR studies of nitrogen doped carbon nanotubes. <i>Diamond and Related Materials</i> , <b>2006</b> , 15, 385-388	3.5	168
11	High-resolution transmission electron microscopy mapping of nickel and cobalt single-crystalline nanorods inside multiwalled carbon nanotubes and chirality calculations. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 253110	3.4	29
10	Quantitative analysis of hydrogen in chemical vapor deposited diamond films. <i>Diamond and Related Materials</i> , <b>2005</b> , 14, 476-481	3.5	30
9	Single crystalline nickel nanorods inside carbon nanotubes: growth behavior, structure, and magnetic properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2005</b> , 5, 596-600	1.3	4
8	Growth of (100) oriented diamond grains by the application of lateral temperature gradients across silicon substrates. <i>Journal of Materials Research</i> , <b>2004</b> , 19, 3206-3213	2.5	2

7	Preparation of Ni-filled carbon nanotubes for key potential applications in nanotechnology. <i>Thin Solid Films</i> , <b>2004</b> , 469-470, 127-130	2.2	35
6	A new polarised hot filament chemical vapor deposition process for homogeneous diamond nucleation on Si(100). <i>Diamond and Related Materials</i> , <b>2004</b> , 13, 270-276	3.5	22
5	Ni and Ni/Pt filling inside multiwalled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2003</b> , 3, 165-70	1.3	8
4	Diamond nucleation and growth on zeolites. <i>Diamond and Related Materials</i> , <b>2003</b> , 12, 1647-1652	3.5	4
3	Effect of heavy ion irradiation on self-supported diamond sheets. <i>Diamond and Related Materials</i> , <b>2003</b> , 12, 1771-1775	3.5	2
2	High density of multiwalled carbon nanotubes observed on nickel electroplated copper substrates by microwave plasma chemical vapor deposition. <i>Chemical Physics Letters</i> , <b>2002</b> , 354, 331-336	2.5	24
1	Enhancement of (100) texture in diamond films grown using a temperature gradient. <i>Diamond and Related Materials</i> , <b>2002</b> , 11, 1403-1408	3.5	9