

Vikas Mittal

List of Publications by Year in descending order

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133
papers

4,556
citations

117453

34
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128067

60
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292
all docs

292
docs citations

292
times ranked

5899
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional Materials for Sensing: Graphene and Beyond. <i>Electronics (Switzerland)</i> , 2015, 4, 651-687.	1.8	310
2	Polyurethane Adhesive Nanocomposites as Gas Permeation Barrier. <i>Macromolecules</i> , 2003, 36, 9851-9858.	2.2	290
3	Polymer Layered Silicate Nanocomposites: A Review. <i>Materials</i> , 2009, 2, 992-1057.	1.3	245
4	Polymer membranes for acid gas removal from natural gas. <i>Separation and Purification Technology</i> , 2016, 158, 333-356.	3.9	195
5	Epoxy-Layered Silicate Nanocomposites and Their Gas Permeation Properties. <i>Macromolecules</i> , 2004, 37, 7250-7257.	2.2	156
6	Recent progress on synthetic strategies and applications of transition metal phosphides in energy storage and conversion. <i>Ceramics International</i> , 2021, 47, 4404-4425.	2.3	131
7	Functional Polymer Nanocomposites with Graphene: A Review. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 906-931.	1.7	128
8	The Aspect Ratio and Gas Permeation in Polymer-Layered Silicate Nanocomposites. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1145-1149.	2.0	124
9	Polyurethane-Grafted Chitosan as New Biomaterials for Controlled Drug Delivery. <i>Macromolecules</i> , 2015, 48, 2654-2666.	2.2	95
10	Mechanical, Thermal, Rheological and Morphological Properties of Binary and Ternary Blends of PLA, TPS and PCL. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 423-435.	1.7	82
11	Tailored electrical conductivity, electromagnetic shielding and thermal transport in polymeric blends with graphene sheets decorated with nickel nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14922-14930.	1.3	76
12	Polypropylene-Layered Silicate Nanocomposites: Filler Matrix Interactions and Mechanical Properties. <i>Journal of Thermoplastic Composite Materials</i> , 2007, 20, 575-599.	2.6	74
13	Poly(propylene)-Layered Silicate Nanocomposites: Gas Permeation Properties and Clay Exfoliation. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 68-75.	1.1	70
14	Processable conductive graphene/polyethylene nanocomposites: Effects of graphene dispersion and polyethylene blending with oxidized polyethylene on rheology and microstructure. <i>Polymer</i> , 2016, 98, 143-155.	1.8	70
15	Natural antioxidants-based edible active food packaging: An overview of current advancements. <i>Food Bioscience</i> , 2021, 43, 101251.	2.0	70
16	Gas permeation and mechanical properties of polypropylene nanocomposites with thermally-stable imidazolium modified clay. <i>European Polymer Journal</i> , 2007, 43, 3727-3736.	2.6	67
17	High-density polyethylene nanocomposites using masterbatches of chlorinated polyethylene/graphene oxide. <i>Polymer Engineering and Science</i> , 2013, 53, 78-88.	1.5	67
18	H ₂ S adsorption on graphene in the presence of sulfur: A density functional theory study. <i>Computational Materials Science</i> , 2016, 117, 110-119.	1.4	65

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19	Cu- and Zr-based metal organic frameworks and their composites with graphene oxide for capture of acid gases at ambient temperature. <i>Journal of Solid State Chemistry</i> , 2018, 266, 233-243.	1.4	64
20	Mechanical and gas permeation properties of compatibilized polypropylene-graphene layered silicate nanocomposites. <i>Journal of Applied Polymer Science</i> , 2008, 107, 1350-1361.	1.3	62
21	Effect of date fruit waste extract as an antioxidant additive on the properties of active gelatin films. <i>Food Chemistry</i> , 2021, 355, 129631.	4.2	55
22	Mechanical and Thermal Properties of Thermoset-Graphene Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 231-259.	1.7	52
23	Role of Enhanced Hydrogen Bonding of Selectively Reduced Graphite Oxide in Fabrication of Poly(vinyl alcohol) Nanocomposites in Water as EMI Shielding Material. <i>Journal of Physical Chemistry C</i> , 2016, 120, 17011-17023.	1.5	50
24	Polymer chains grafted onto and from layered silicate clay platelets. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 141-151.	5.0	49
25	Polymer-graphene nanocomposites: effect of polymer matrix and filler amount on properties. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 510-521.	1.7	49
26	Mechanically and Thermally Enhanced Multiwalled Carbon Nanotube-Graphene Hybrid filled Thermoplastic Polyurethane Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 346-357.	1.7	45
27	Modification of montmorillonites with thermally stable phosphonium cations and comparison with alkylammonium montmorillonites. <i>Applied Clay Science</i> , 2012, 56, 103-109.	2.6	44
28	Biorenewable blends of polyamide-4,10 and polyamide-6,10. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	44
29	PLA, TPS and PCL binary and ternary blends: structural characterization and time-dependent morphological changes. <i>Colloid and Polymer Science</i> , 2015, 293, 573-585.	1.0	41
30	Blends of biorenewable polyamide-11 and polyamide-6,10. <i>Polymer</i> , 2013, 54, 6961-6970.	1.8	40
31	Biopolymer-graphene Thermally reduced graphene nanocomposites: Structural characterization and properties. <i>Materials Chemistry and Physics</i> , 2014, 147, 319-332.	2.0	40
32	Anti-corrosion behavior of layer by layer coatings of cross-linked chitosan and poly(vinyl butyral) on carbon steel. <i>Cellulose</i> , 2015, 22, 3275-3290.	2.4	40
33	Correcting for a Density Distribution: Particle Size Analysis of Core-Shell Nanocomposite Particles Using Disk Centrifuge Photosedimentometry. <i>Langmuir</i> , 2012, 28, 2536-2544.	1.6	36
34	Ab initio study on gas sensing properties of group III (B, Al and Ga) doped graphene. <i>Computational Condensed Matter</i> , 2016, 9, 40-55.	0.9	36
35	Nano nickel ferrite (NiFe ₂ O ₄) as anti-corrosion pigment for API 5L X-80 steel: An electrochemical study in acidic and saline media. <i>Dyes and Pigments</i> , 2015, 118, 18-26.	2.0	35
36	Toughened Isotactic Polypropylene: Phase Behavior and Mechanical Properties of Blends with Strategically Designed Random Copolymer Modifiers. <i>Macromolecules</i> , 2016, 49, 6497-6506.	2.2	35

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37	Synthesis of temperature responsive polymer brushes from polystyrene latex particles functionalized with ATRP initiator. <i>European Polymer Journal</i> , 2007, 43, 4868-4881.	2.6	34
38	Epoxyâ€”Vermiculite Nanocomposites as Gas Permeation Barrier. <i>Journal of Composite Materials</i> , 2008, 42, 2829-2839.	1.2	34
39	Block Copolymer Micelle Toughened Isotactic Polypropylene. <i>Macromolecules</i> , 2017, 50, 6421-6432.	2.2	31
40	Effect of Graphene on Polypropylene/Maleic Anhydride- <i>graft</i> -Ethyleneâ€”Vinyl Acetate (PP/EVA- <i>g</i> -MA) Blend: Mechanical, Thermal, Morphological, and Rheological Properties. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 7834-7845.	1.8	31
41	â€”biocomposites with biopolyesters and date seed powder: Mechanical, thermal, and degradation properties. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	28
42	Inhibition and promotion of electrochemical reactions by graphene in organic coatings. <i>RSC Advances</i> , 2015, 5, 80365-80368.	1.7	28
43	Facile In Situ Fabrication of Nanostructured Grapheneâ€”CuO Hybrid with Hydrogen Sulfide Removal Capacity. <i>Nano-Micro Letters</i> , 2016, 8, 312-319.	14.4	28
44	Self-healing protective coatings of polyvinyl butyral/polypyrrole-carbon black composite on carbon steel. <i>RSC Advances</i> , 2016, 6, 43237-43249.	1.7	28
45	Physical adsorption of organic molecules on the surface of layered silicate clay platelets: A thermogravimetric study. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 295-301.	5.0	27
46	Montmorilloniteâ€”multiwalled carbon nanotube nanoarchitecture reinforced thermoplastic polyurethane. <i>Polymer Composites</i> , 2016, 37, 1775-1785.	2.3	27
47	Functionalized polystyrene latex particles as substrates for ATRP: Surface and colloidal characterization. <i>Polymer</i> , 2007, 48, 2806-2817.	1.8	26
48	Esterification reactions on the surface of layered silicate clay platelets. <i>Journal of Colloid and Interface Science</i> , 2007, 315, 135-141.	5.0	26
49	Enhancement of electrical and thermal conductivity of Su-8 photocrosslinked coatings containing graphene. <i>Progress in Organic Coatings</i> , 2015, 86, 143-146.	1.9	25
50	In situ formed graphene/ZnO nanostructured composites for low temperature hydrogen sulfide removal from natural gas. <i>RSC Advances</i> , 2016, 6, 81142-81150.	1.7	25
51	Facile synthesis of thermally reduced graphene oxide-sepiolite nanohybrid via intercalation and thermal reduction method. <i>Applied Clay Science</i> , 2017, 135, 510-515.	2.6	23
52	Analytical Ultracentrifugation of Model Nanoparticles: Comparison of Different Analysis Methods. <i>Macromolecular Bioscience</i> , 2010, 10, 754-762.	2.1	22
53	Assembly of layered double hydroxide on multiâ€”walled carbon nanotubes as reinforcing hybrid nanofiller in thermoplastic polyurethane/nitrile butadiene rubber blends. <i>Polymer International</i> , 2016, 65, 93-101.	1.6	22
54	Bioâ€”polyesterâ€”date seed powder composites: Morphology and component migration. <i>Polymer Engineering and Science</i> , 2015, 55, 877-888.	1.5	21

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55	Enzymatically degradable and flexible bio-nanocomposites derived from PHBV and PBAT blend: assessing thermal, morphological, mechanical, and biodegradation properties. <i>Colloid and Polymer Science</i> , 2015, 293, 2921-2930.	1.0	21
56	Molecular and morphological studies to understand slow crack growth (SCG) of polyethylene. <i>Colloid and Polymer Science</i> , 2016, 294, 1269-1280.	1.0	20
57	Polyethylene/graphene nanocomposites: effect of molecular weight on mechanical, thermal, rheological and morphological properties. <i>Colloid and Polymer Science</i> , 2016, 294, 691-704.	1.0	20
58	Binary Cu/ZnO decorated graphene nanocomposites as an efficient anode for lithium ion batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 59, 108-114.	2.9	20
59	Silver-sepiolite (Ag-Sep) hybrid reinforced active gelatin/date waste extract (DSWE) blend composite films for food packaging application. <i>Food Chemistry</i> , 2022, 369, 130983.	4.2	20
60	Facile noncovalent assembly of MWCNT-LDH and CNF-LDH as reinforcing hybrid fillers in thermoplastic polyurethane/nitrile butadiene rubber blends. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	19
61	Recent Trends in the Use of Three-Dimensional Graphene Structures for Supercapacitors. <i>ACS Applied Electronic Materials</i> , 2021, 3, 574-596.	2.0	19
62	Process intensification of copper chromite (CuCr ₂ O ₄) nanoparticle production using continuous flow microreactor. <i>Chemical Engineering and Processing: Process Intensification</i> , 2015, 89, 28-34.	1.8	18
63	Effect of graphene oxide nanoplatelets on electrochemical properties of steel substrate in saline media. <i>Materials Chemistry and Physics</i> , 2015, 163, 130-137.	2.0	18
64	Energetic Stabilities, Structural and Electronic Properties of Monolayer Graphene Doped with Boron and Nitrogen Atoms. <i>Electronics (Switzerland)</i> , 2016, 5, 91.	1.8	18
65	Characteristics of biodegradable poly(butylene succinate) nanocomposites with thermally reduced graphene nanosheets. <i>Polymer Composites</i> , 2017, 38, E42.	2.3	18
66	Polymer composites with functionalized natural fibers. , 2018, , 157-186.		17
67	PE/Chlorinatedâ€PE Blends and PE/Chlorinatedâ€PE/Graphene Oxide Nanocomposites: Morphology, Phase Miscibility, and Interfacial Interactions. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 255-268.	1.1	16
68	Effect of amphiphilic compatibilizers on the filler dispersion and properties of polyethyleneâ€thermally reduced graphene nanocomposites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	16
69	Crystallization, mechanical, and fracture behavior of mullite fiberâ€reinforced polypropylene nanocomposites. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	16
70	Analytical Imaging Techniques for Soft Matter Characterization. <i>Engineering Materials</i> , 2012, , .	0.3	16
71	Functional Polymer Blends. , 2012, , 1-26.		16
72	Clay exfoliation in polymer nanocomposites: Specific chemical reactions and exchange of specialty modifications on clay surface. <i>Philosophical Magazine</i> , 2010, 90, 2489-2506.	0.7	13

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73	Swelling Deswelling Behavior of PS&PNIPAAM Copolymer Particles and PNIPAAM Brushes Grafted from Polystyrene Particles & Monoliths. <i>Macromolecular Materials and Engineering</i> , 2008, 293, 491-502.	1.7	11
74	Modelling and Prediction of Barrier Properties of Polymer Layered Silicate Nanocomposites. <i>Polymers and Polymer Composites</i> , 2013, 21, 509-518.	1.0	11
75	Degradable polyethylene nanocomposites with silica, silicate and thermally reduced graphene using oxo-degradable pro-oxidant. <i>Heliyon</i> , 2015, 1, e00050.	1.4	11
76	Photolabile base catalyzed Michael-addition and concomitant in situ graphene oxide reduction to obtain electrically and thermally conductive UV-cured composite. <i>Polymer</i> , 2017, 108, 251-256.	1.8	11
77	Sedimentation measurements with the analytical ultracentrifuge with absorption optics: influence of Mie scattering and absorption of the particles. <i>Colloid and Polymer Science</i> , 2011, 289, 1145-1155.	1.0	10
78	Crystallinity, mechanical property and oxygen permeability of polypropylene. <i>Journal of Thermoplastic Composite Materials</i> , 2013, 26, 1407-1423.	2.6	10
79	Blends of high-density polyethylene with chlorinated polyethylene: Morphology, thermal, rheological, and mechanical properties. <i>Polymer Engineering and Science</i> , 2014, 54, 85-95.	1.5	10
80	Synthesis of Environmentally Responsive Polymers by Atom Transfer Radical Polymerization: Generation of Reversible Hydrophilic and Hydrophobic Surfaces. <i>Polymers</i> , 2010, 2, 40-56.	2.0	9
81	Compatibilized polyethylene&thermally reduced graphene nanocomposites: Interfacial interactions and hyperspectral mapping for component distribution. <i>Colloid and Polymer Science</i> , 2014, 292, 2509-2518.	1.0	9
82	Electromagnetic&mechanical desalination: Mathematical modeling. <i>Desalination</i> , 2016, 380, 75-84.	4.0	9
83	Impedance response of nanocomposite coatings comprising of polyvinyl butyral and Haydale&TM's plasma processed graphene. <i>Progress in Organic Coatings</i> , 2017, 110, 97-103.	1.9	9
84	Comparison of Anti-Corrosion Performance of Polyaniline Modified Ferrites. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 1452-1457.	1.3	8
85	Polypropylene/phosphazene nanotube nanocomposites: Thermal, mechanical, and flame retardation studies. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49525.	1.3	8
86	PE-CPE blends and their graphene oxide nanocomposites with reduced low temperature brittleness. <i>Colloid and Polymer Science</i> , 2013, 291, 1949-1961.	1.0	7
87	Evaluation of crystallinity variation and phase dispersion in polymer blends and nanocomposites by Raman mapping. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	7
88	Polyethylene-thermally reduced graphene nanocomposites: comparison of masterbatch and direct melt mixing approaches on mechanical, thermal, rheological, and morphological properties. <i>Colloid and Polymer Science</i> , 2016, 294, 1659-1670.	1.0	7
89	Biodegradation properties of melt processed <sc>PBS</sc>/chitosan bio&nanocomposites with silica, silicate, and thermally reduced graphene. <i>Polymer Composites</i> , 2018, 39, 386-397.	2.3	7
90	Bio-nanocomposites: future high-value materials. , 2011, , 1-27.		7

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91	PNIPAAm Grafted Polymeric Monoliths Synthesized by the Reactive Gelation Process and their Swelling/Deswelling Characteristics. <i>Macromolecular Reaction Engineering</i> , 2008, 2, 215-221.	0.9	6
92	Dielectric Relaxation Spectroscopy for Polymer Nanocomposites. , 2012, , 167-184.		6
93	An Analytical Technique to Extract Surface Information of Negatively Stained or Heavy-Metal Shadowed Organic Materials within the TEM. <i>Microscopy and Microanalysis</i> , 2013, 19, 642-651.	0.2	6
94	Optimizing mechanical properties of injection-molded long fiber-reinforced polypropylene. <i>Journal of Thermoplastic Composite Materials</i> , 2015, 28, 849-862.	2.6	6
95	Polypropylene nanocomposites with oxo-degradable pro-oxidant: Mechanical, thermal, rheological, and photo-degradation performance. <i>Polymer Engineering and Science</i> , 2016, 56, 1229-1239.	1.5	6
96	Organic functionalization of thermally reduced graphene oxide nanoplatelets by adsorption: structural and morphological characterization. <i>Philosophical Magazine</i> , 2016, 96, 2143-2160.	0.7	6
97	Two-dimensional mullite nanostructure: Synthesis and reinforcement effect on polypropylene/maleic anhydride graft ethylene vinyl acetate matrix. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48233.	1.3	6
98	UV Aging Behavior of Functionalized Mullite Nanofiber-Reinforced Polypropylene. <i>ACS Omega</i> , 2020, 5, 27083-27093.	1.6	6
99	Surface modification of layered silicates. II. Factors affecting thermal stability. <i>Philosophical Magazine</i> , 2012, 92, 4518-4535.	0.7	5
100	Ethylene-co-Vinyl Acetate/MWCNTs/Hectorite Elastomeric Nanocomposites: Characterization and Electrical Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4057-4064.	0.9	5
101	Sedimentation analysis of organic-inorganic hybrid colloids. <i>Colloid and Polymer Science</i> , 2010, 288, 621-630.	1.0	4
102	Modeling and prediction of tensile modulus and oxygen permeation properties of polyethylene layered silicate nanocomposites: Factorial and mixture designs. <i>Journal of Reinforced Plastics and Composites</i> , 2013, 32, 258-272.	1.6	4
103	<i>In situ</i> Determination and Imaging of Physical Properties of Soft Organic Materials by Analytical Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2014, 20, 916-923.	0.2	4
104	Polyolefin/Graphene Nanocomposite Materials. , 2015, , 129-154.		4
105	Evaluation of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ nanoparticles as anti-corrosion pigment in organic coatings for carbon steel. <i>Anti-Corrosion Methods and Materials</i> , 2017, 64, 644-653.	0.6	4
106	Magnesium Aluminium Layered Double Hydroxide Assisted Dispersion of Multiwalled Carbon Nanotubes for Enhanced Reinforcement of Ethylene-co-Vinyl Acetate Matrix. <i>Macromolecular Research</i> , 2018, 26, 868-871.	1.0	4
107	Barrier Resistance Generation in Polymer Nanocomposites. , 0, , 173-193.		3
108	Polypropylene nanocomposites with thermally stable phosphonium- and pyridinium-modified layered silicates. <i>Journal of Thermoplastic Composite Materials</i> , 2013, 26, 1082-1099.	2.6	3

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109	Characterization of advanced morphologies in polymer dispersions by AUC and HDC. Colloid and Polymer Science, 2010, 288, 25-35.	1.0	2
110	Modeling of tensile modulus of polyolefin-layered silicate nanocomposites: modified micro-mechanical and statistical methods. Journal of Polymer Engineering, 2012, 32, 519-529.	0.6	2
111	High CEC generation and surface modification in mica and vermiculite minerals. Philosophical Magazine, 2013, 93, 777-793.	0.7	2
112	Biodegradable polyester nanocomposites: Phase miscibility and properties. Journal of Applied Polymer Science, 2013, 130, 516-525.	1.3	2
113	Hyperbranched Polymers as Clay Surface Modifications for Nanocomposites. , 2013, , 147-163.		2
114	Polyurethaneâ€“Bentonite Nanocomposites: Morphology and Oxygen Permeation. Advances in Polymer Technology, 2014, 33, .	0.8	2
115	Polyolefin â€“Graphene Oxide Nanocomposites: Interfacial Interactions and Low Temperature Brittleness Reduction. Macromolecular Symposia, 2014, 340, 37-43.	0.4	2
116	Molecular Weight Distributions of Polymer Solutions: Combination of Field Flow Fractionation (FFF) and Analytical Ultracentrifugation (AUC). Journal of Dispersion Science and Technology, 2012, 33, 631-638.	1.3	1
117	Modeling of Tensile Modulus of Polyolefin-Layered Silicate Nanocomposites: Modified Halpin Tsai Models. Advanced Composites Letters, 2012, 21, 096369351202100.	1.3	1
118	Reptation Model for the Dynamics and Rheology of Particle Reinforced Polymer Chains. , 2013, , 63-94.		1
119	Optimal mechanical and gas permeation properties of polypropylene-organically modified montmorillonite (PP-OMMT) nanocomposites. Journal of Polymer Engineering, 2014, 34, 501-509.	0.6	1
120	Characterization of polyethylene-based multiphase systems containing zero- and two-dimensional nanoparticulate reinforcement materials by analytical electron and atomic force microscopy. Journal of Thermoplastic Composite Materials, 2014, 27, 845-864.	2.6	1
121	Biopolymerâ€“Nanocomposites with Silica, Aluminoâ€“Silicate and Graphene: Structural Characterization and Properties. Macromolecular Symposia, 2015, 354, 221-229.	0.4	1
122	Development of Polymer-Based Composite Coatings for the Gas Exploration Industry: Polyoxometalate Doped Conducting Polymer Based Self-Healing Pigment for Polymer Coatings. Materials Science Forum, 2016, 879, 60-65.	0.3	1
123	Editorial to surface tailored innovative materials and technologies for wastewater treatment. Environmental Pollution, 2021, 284, 117436.	3.7	1
124	Polymer nanocomposites. , 0, , 3-28.		0
125	Surface modification of layered silicates. I. Factors affecting thermal stability. Philosophical Magazine, 2012, 92, 4498-4517.	0.7	0
126	Interactions Between Components. Engineering Materials, 2012, , 163-181.	0.3	0

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127	Nano to Micro and Macro Characterization. Engineering Materials, 2012, , 183-197.	0.3	0
128	Epoxy-layered silicate nanocomposites: effect of cross-linking amines and fillers on curing, morphology and oxygen permeation. Journal of Reinforced Plastics and Composites, 2012, 31, 739-747.	1.6	0
129	Melting and crystallization transitions in organically modified layered silicates studied with differential scanning calorimetry. Philosophical Magazine, 2012, 92, 3968-3982.	0.7	0
130	Microscopic analysis of the surface functionalization of polymer particles and subsequent grafting of polymer chains from the surface. Journal of Electron Microscopy, 2012, 61, 367-380.	0.9	0
131	Molecular Oxygen Adsorbed on Gallium Doped Graphene: A First-Principles Study. Materials Science Forum, 0, 890, 117-120.	0.3	0
132	Morphology in Organic-Inorganic Composites. Engineering Materials, 2012, , 97-114.	0.3	0
133	Evaluation of Iron Nickel Oxide Nanopowder as Corrosion Inhibitor: Effect of Metallic Cations on Carbon Steel in Aqueous NaCl. Corrosion Science and Technology, 2016, 15, 13-17.	0.2	0