Dimitri A Ivanov

List of Publications by Year
in descending order

203	5,412	66343	114465
papers	citations	42 h-index	63 g-index

206	206	206	6309
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Injectable bottlebrush hydrogels with tissue-mimetic mechanical properties. Science Advances, 2022, 8, eabm2469.	10.3	53
2	The effect of separation of blocks on the crystallization kinetics and phase composition of poly(butylene adipate) in multi-block thermoplastic polyurethanes. Physical Chemistry Chemical Physics, 2022, 24, 902-913.	2.8	9
3	Thiazolothiazole-containing conjugated polymers for indoor organic photovoltaic cells. Solar Energy, 2022, 232, 12-17.	6.1	3
4	Brush Architecture and Network Elasticity: Path to the Design of Mechanically Diverse Elastomers. Macromolecules, 2022, 55, 2940-2951.	4.8	16
5	Mesoscopic Modeling of a Highly-Ordered Sanidic Polymer Mesophase and Comparison With Experimental Data. Journal of Physical Chemistry B, 2022, 126, 2285-2298.	2.6	2
6	Synthesis, Molecular Characterization, and Phase Behavior of Miktoarm Star Copolymers of the AB_n and A_nB (n = 2 or 3) Sequences, Where A Is Polystyrene and B Is Poly(dimethylsiloxane). Macromolecules, 2022, 55, 88-99.	4.8	13
7	Cuticle â€“ Designed by nature for the sake of the hair. International Journal of Cosmetic Science, 2022, 44, 343-362.	2.6	2
8	Tailoring the charge transport characteristics in ordered small-molecule organic semiconductors by side-chain engineering and fluorine substitution. Physical Chemistry Chemical Physics, 2022, 24, 16041-16049.	2.8	5
9	Nanomechanical properties of Monilethrix affected hair are independent of phenotype. Journal of Structural Biology, 2021, 213, 107679.	2.8	1
10	Synthesis, characterization and self-assembly of linear and miktoarm star copolymers of exclusively immiscible polydienes. Polymer Chemistry, 2021, 12, 2712-2721.	3.9	5
11	Bicontinuous Gyroid Phase of a Water-Swollen Wedge-Shaped Amphiphile: Studies with In-Situ Grazing-Incidence X-ray Scattering and Atomic Force Microscopy. Materials, 2021, 14, 2892.	2.9	0
12	Multiblock Thermoplastic Polyurethanes: In Situ Studies of Structural and Morphological Evolution under Strain. Materials, 2021, 14, 3009.	2.9	5
13	Melting-Induced Evolution of Morphology, Entanglement Density, and Ultradrawability of Solution-Crystallized Ultrahigh-Molecular-Weight Polyethylene. Macromolecules, 2021, 54, 5683-5693.	4.8	13
14	Structure/Properties Relationship of Anionically Synthesized Diblock Copolymers â€œGrafted toâ€• Chemically Modified Graphene. Polymers, 2021, 13, 2308.	4.5	2
15	Low-Temperature Operation Features of Proton-Exchange Membrane Fuel Cells with an Active Air Cooling. Russian Journal of Electrochemistry, 2021, 57, 985-988.	0.9	1
16	New complexes of liquid crystal discotic triphenylenes: induction of the double gyroid phase. Physical Chemistry Chemical Physics, 2021, 23, 16827-16836.	2.8	3
17	Assessing Fast Structure Formation Processes in Isotactic Polypropylene with a Combination of Nanofocus X-ray Diffraction and In Situ Nanocalorimetry. Nanomaterials, 2021, 11, 2652.	4.1	5
18	Self-assembly behavior of ultra-high molecular weight in-situ anionically synthesized polymer matrix composite materials â€œgrafted fromâ€•single- or multi-wall CNTs. Polymer, 2021, 235, 124243.	3.8	2

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19	Synthesis, Characterization and Structure Properties of Biobased Hybrid Copolymers Consisting of Polydiene and Polypeptide Segments. Polymers, 2021, 13, 3818.	4.5	1
20	Molecular and Structureâ€"Properties Comparison of an Anionically Synthesized Diblock Copolymer of the PS-b-PI Sequence and Its Hydrogenated or Sulfonated Derivatives. Polymers, 2021, 13, 4167.	4.5	4
21	Tissueâ€Adaptive Materials with Independently Regulated Modulus and Transition Temperature. Advanced Materials, 2020, 32, e2005314.	21.0	27
22	Independently Tuning Elastomer Softness and Firmness by Incorporating Side Chain Mixtures into Bottlebrush Network Strands. Macromolecules, 2020, 53, 9306-9312.	4.8	15
23	Structural Evolution of Martensitic Steel During Dry Sliding Friction Studied with Synchrotron Radiation. Journal of Nondestructive Evaluation, 2020, 39, 1.	2.4	1
24	Pattern of Monoclinic Phase Distribution in Nascent UHMWPE Particles. Physics of the Solid State, 2020, 62, 1493-1499.	0.6	1
25	Alternating Gyroid Network Structure in an ABC Miktoarm Terpolymer Comprised of Polystyrene and Two Polydienes. Nanomaterials, 2020, 10, 1497.	4.1	8
26	Self-Assembly of Low-Molecular-Weight Asymmetric Linear Triblock Terpolymers: How Low Can We Go?. Molecules, 2020, 25, 5527.	3.8	3
27	Dendrons and Dendritic Terpolymers: Synthesis, Characterization and Self-Assembly Comparison. Molecules, 2020, 25, 6030.	3.8	4
28	Exploring the Complexation of Counterion in Novel Family of Polyelectrolytes with Unexpected Solubility Behaviour. Key Engineering Materials, 2020, 869, 61-68.	0.4	2
29	Molecular Structure, Phase Composition, Melting Behavior, and Chain Entanglements in the Amorphous Phase of High-Density Polyethylenes. Macromolecules, 2020, 53, 5418-5433.	4.8	29
30	Bottlebrush Bridge between Soft Gels and Firm Tissues. ACS Central Science, 2020, 6, 413-419.	11.3	56
31	Sulfonated Polyimideâ€"Silica Composite Membranes: Preparation, Morphology and Proton Conductivity. Nanotechnologies in Russia, 2020, 15, 778-784.	0.7	2
32	Polymer Crystallization Research in Europe. Polymer Crystallization, 2020, 3, e10166.	0.8	0
33	Automatic Object Detection on Tomographic Projections. Journal of Surface Investigation, 2020, 14, 978-990.	0.5	0
34	Synthesis and characterization of poly(ester amide amide)s of different alkylene chain lengths. Polymer Bulletin, 2019, 76, 495-509.	3.3	8
35	Phase Transitions and Formation of a Monolayer-Type Structure in Thin Oligothiophene Films: Exploration with a Combined In Situ X-ray Diffraction and Electrical Measurements. Nanoscale Research Letters, 2019, 14, 185.	5.7	2
36	Tuning the properties of electrospun polylactide mats by ethanol treatment. Materials and Design, 2019, 181, 108061.	7.0	17

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37	Ammonium Form of Nafion Plasticized by Dimethyl Sulfoxide. Journal of the Electrochemical Society, 2019, 166, F3216-F3226.	2.9	9
38	Ultra-fast chip calorimetry accessories for in operando structural studies of nanogram-sized samples. IOP Conference Series: Materials Science and Engineering, 2019, 525, 012047.	0.6	2
39	Strained Bottlebrushes in Super-Soft Physical Networks. ACS Macro Letters, 2019, 8, 530-534.	4.8	32
40	Aqueous microgels modified with photosensitive wedge-shaped amphiphilic molecules: synthesis, structure and photochemical behaviour. Photochemical and Photobiological Sciences, 2019, 18, 1709-1715.	2.9	5
41	Polymer conformation in supramolecular complexes with wedge-shaped ligands: Exploring the impact of the liquid-crystalline organization. Polymer, 2019, 170, 142-147.	3.8	0
42	Synthesis and Solid-State Properties of PolyC₃ (Co)polymers Containing (CH₂â€“CH₂â€“C(COOR)₂) Repeat Units with Densely Packed Fluorocarbon Lateral Chains. Macromolecules, 2019, 52, 9199-9207.	4.8	3
43	Chameleon-like elastomers with molecularly encoded strain-adaptive stiffening and coloration. Science, 2018, 359, 1509-1513.	12.6	345
44	Impact of the solubility of organic semiconductors for solution-processable electronics on the structure formation: a real-time study of morphology and electrical properties. Soft Matter, 2018, 14, 2560-2566.	2.7	8
45	Disubstituted perylene diimides in organic field-effect transistors: Effect of the alkyl side chains and thermal annealing on the device performance. Organic Electronics, 2018, 58, 257-262.	2.6	14
46	One Methylene Group in the Side Chain Can Alter by 90 Degrees the Orientation of a Main-Chain Liquid Crystal on a Unidirectional Substrate. ACS Macro Letters, 2018, 7, 453-458.	4.8	3
47	Morphological and micro-structural interface characterization in multilayer inverted polymer-fullerene bulk heterojunction solar cells. Solar Energy Materials and Solar Cells, 2018, 180, 258-265.	6.2	5
48	What Thermal Analysis Can Tell Us About Melting of Semicrystalline Polymers: Exploring the General Validity of the Technique. ACS Macro Letters, 2018, 7, 1426-1431.	4.8	23
49	Synchrotron Radiation in Analysis of Structural Transformations Under Friction Conditions of Carbon Steel. Russian Physics Journal, 2018, 61, 503-508.	0.4	5
50	Face-on orientation of fluorinated polymers conveyed by long alkyl chains: a prerequisite for high photovoltaic performances. Journal of Materials Chemistry A, 2018, 6, 12038-12045.	10.3	32
51	A Novel Device for Quasi In Situ Studies of Materials Microstructure during Friction. Materials Performance and Characterization, 2018, 7, 330-339.	0.3	5
52	Humidity-induced formation of water channels in supramolecular assemblies of wedge-shaped amphiphiles: the effect of the molecular architecture on the channel topology. Physical Chemistry Chemical Physics, 2017, 19, 7714-7720.	2.8	7
53	Synthesis and photostability of 1,4-bis(5-phenyloxazol-2-yl)benzene (POPOP) structural isomers and their trimethylsilyl derivatives. Dyes and Pigments, 2017, 141, 128-136.	3.7	10
54	Complexing P2VP and P2VP-b-PEO with Wedge-Shaped Amphiphiles. Macromolecules, 2017, 50, 4754-4758.	4.8	2

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55	Photo-Orientation Phenomena in Photochromic Liquid Crystalline Azobenzene-Containing Polymethacrylates with Different Spacer Length. Macromolecular Chemistry and Physics, 2017, 218, 1700127.	2.2	23
56	Understanding the correlation and balance between the miscibility and optoelectronic properties of polymerâ€“fullerene solar cells. Journal of Materials Chemistry A, 2017, 5, 17570-17579.	10.3	35
57	An â€œonâ€“offâ€•switchable cubic phase with exceptional thermal stability and water sorption capacity. Chemical Communications, 2017, 53, 13217-13220.	4.1	8
58	Reorganization of semicrystalline polymers on heating: Analyzing common misconceptions in the interpretation of calorimetric data. Response on the â€œComment on â€œRe-exploring the double-melting behavior of semirigid-chain polymers with an in-situ combination of synchrotron nanofocus X-ray scattering and nanocalorimetryâ€•by Dimitri A. Ivanov et al. [Euro. Polym. J. 81 (2016) 598â€“606.]â€• European Polymer Journal, 2017, 94, 517-523.	5.4	9
59	Bottom-Up Fabrication of Nanostructured Bicontinuous and Hexagonal Ion-Conducting Polymer Membranes. Macromolecules, 2017, 50, 5392-5401.	4.8	12
60	Overcoming the Thermal Instability of Efficient Polymer Solar Cells by Employing Novel Fullereneâ€Based Acceptors. Advanced Energy Materials, 2017, 7, 1601204.	19.5	69
61	Design of an In Situ Setup Combining Nanocalorimetry and Nano- or Micro-focus X-Ray Scattering to Address Fast Structure Formation Processes. , 2016, , 299-326.		8
62	Engineering of ion channels topology in self-assembled wedge-shaped amphiphiles by combination of temperature and solvent vapor treatment. AIP Conference Proceedings, 2016, , .	0.4	5
63	Impact of substrate temperature on the structure and electrical performance of vacuum-deposited Î±,Î±â€²-DH5T oligothiophene thin films. RSC Advances, 2016, 6, 115085-115091.	3.6	7
64	A study of p -xylylene polymerization kinetics using high-vacuum in situ differential scanning calorimetry. Thermochimica Acta, 2016, 643, 65-72.	2.7	9
65	Microstructure of Banded Polymer Spherulites: New Insights from Synchrotron Nanofocus X-Ray Scattering. Advances in Polymer Science, 2016, , 95-126.	0.8	10
66	The impact of molecular weight, air exposure and molecular doping on the charge transport properties and electronic defects in dithienyl-diketopyrrolopyrrole-thieno[3,2-b]thiophene copolymers. Journal of Materials Chemistry C, 2016, 4, 10827-10838.	5.5	11
67	Morphological and structural interface characterization in multilayer inverted polymer solar cells. , 2016, , .		0
68	Fully polymeric solar cells: a real-time study of active-layer structure formation. Nanotechnologies in Russia, 2016, 11, 776-781.	0.7	0
69	Study of melting processes in semicrystalline polymers using a combination of ultrafast chip calorimetry and nanofocus synchrotron X-ray diffraction. Nanotechnologies in Russia, 2016, 11, 305-311.	0.7	5
70	High Conductivity in Molecularly pâ€Doped Diketopyrrolopyrroleâ€Based Polymer: The Impact of a High Dopant Strength and Good Structural Order. Advanced Materials, 2016, 28, 6003-6010.	21.0	130
71	Smart Energetic Nanosized Co-Crystals: Exploring Fast Structure Formation and Decomposition. Crystal Growth and Design, 2016, 16, 432-439.	3.0	34
72	Polymerizable wedge-shaped ionic liquid crystals for fabrication of ion-conducting membranes: Impact of the counterion on the phase structure and conductivity. European Polymer Journal, 2016, 81, 674-685.	5.4	11

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73	Re-exploring the double-melting behavior of semirigid-chain polymers with an in-situ combination of synchrotron nano-focus X-ray scattering and nanocalorimetry. European Polymer Journal, 2016, 81, 598-606.	5.4	48
74	Multilamellar Thermoresponsive Emulsions Stabilized with Biocompatible Semicrystalline Block Copolymers. ACS Macro Letters, 2016, 5, 163-167.	4.8	15
75	Tailoring the microstructure and charge transport in conjugated polymers by alkyl side-chain engineering. Journal of Materials Chemistry C, 2016, 4, 286-294.	5.5	19
76	Photo-optical properties of amorphous and crystalline films of azobenzene-containing photochromes with bent-shaped molecular structure. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 316, 75-87.	3.9	19
77	Synthesis and properties of polyvinylpyrrolidone films containing iron nitrosyl complexes as nitric oxide (NO) donors with antitumor and antiseptic activities. Russian Chemical Bulletin, 2015, 64, 1616-1622.	1.5	8
78	Designing the topology of ion nano-channels in the mesophases of amphiphilic wedge-shaped molecules. Physical Chemistry Chemical Physics, 2015, 17, 30240-30247.	2.8	8
79	Friction behaviour of TiAlN films around cubic/hexagonal transition: A 2D grazing incidence X-ray diffraction and electron energy loss spectroscopy study. Thin Solid Films, 2015, 577, 74-81.	1.8	8
80	Liquid crystalline side-chain triblock copolymers consisting of a nematic central subblock edged by photochromic azobenzene-containing fragments: their synthesis, structure and photooptical behaviour. Polymer Chemistry, 2015, 6, 6358-6371.	3.9	16
81	Structure and optical properties of thin poly(p-xylylene) â€“ Silver nanocomposite films prepared by low-temperature vapor deposition polymerization. Polymer, 2015, 71, 60-69.	3.8	17
82	Integrated molecular, morphological and interfacial engineering towards highly efficient and stable solution-processed small molecule solar cells. Journal of Materials Chemistry A, 2015, 3, 22695-22707.	10.3	26
83	In-situ investigation of the bulk heterojunction formation processes in the active layers of organic solar cells. Nanotechnologies in Russia, 2015, 10, 600-605.	0.7	5
84	Nanostructured Organosilicon Luminophores for Effective Light Conversion in Organic Light Emitting Diodes. Organic Photonics and Photovoltaics, 2015, 3, .	1.3	8
85	Thermal Transformations of Self-Assembled Gold Glyconanoparticles Probed by Combined Nanocalorimetry and X-ray Nanobeam Scattering. Langmuir, 2015, 31, 529-534.	3.5	24
86	Bio-inspired Explosive Sensors and Specific Signatures. Procedia Engineering, 2014, 87, 740-746.	1.2	5
87	High-resolution thermal imaging with a combinationÂof nano-focus X-ray diffraction andÂultra-fast chip calorimetry. Journal of Synchrotron Radiation, 2014, 21, 223-228.	2.4	56
88	Switching Chirality of Hybrid Leftâ€“Right Crystalline Helicoids Built of Achiral Polymer Chains: When Right to Left Becomes Left to Right. Macromolecules, 2014, 47, 8295-8304.	4.8	47
89	Tailoring of mechanical properties of derivatized natural polyamino acids through esterification and tensile deformation. RSC Advances, 2014, 4, 2096-2102.	3.6	13
90	Preparation of Polyesteramides in a Reactive Extrusion Process. Macromolecular Materials and Engineering, 2014, 299, 1343-1351.	3.6	4

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91	Primary Chemical Sequence Ultimately Determines Crystal Thickness in Segmented All-Aliphatic Copolymers. Macromolecules, 2014, 47, 7890-7899.	4.8	11
92	Design of indigo derivatives as environment-friendly organic semiconductors for sustainable organic electronics. Journal of Materials Chemistry C, 2014, 2, 7621-7631.	5.5	76
93	Intertwined Lamello-Columnar Coassemblies in Liquid-Crystalline Side-Chain Î-Conjugated Polymers: Toward a New Class of Nanostructured Supramolecular Organic Semiconductors. Macromolecules, 2014, 47, 1715-1731.	4.8	38
94	Investigation into the morphology of aliphatic segmented block copolymers with controlled thickness of crystals. Nanotechnologies in Russia, 2014, 9, 168-174.	0.7	0
95	Effect of multilayer carbon nanotubes on mechanical properties and phase transformations of ultra-high-molecular-weight polyethylene during drawing. Nanotechnologies in Russia, 2014, 9, 269-273.	0.7	0
96	Humidity-Modulated Phase Control and Nanoscopic Transport in Supramolecular Assemblies. Journal of Physical Chemistry B, 2014, 118, 3207-3217.	2.6	28
97	Molecularly Smooth Single-Crystalline Films of Thiopheneâ€“Phenylene Co-Oligomers Grown at the Gasâ€“Liquid Interface. Crystal Growth and Design, 2014, 14, 1726-1737.	3.0	49
98	Towards understanding the behavior of indigo thin films in organic field-effect transistors: a template effect of the aliphatic hydrocarbon dielectric on the crystal structure and electrical performance of the semiconductor. Chemical Communications, 2014, 50, 7639.	4.1	40
99	Concurrent Order in a Semi-Crystalline Diblock Copolymer Involving Complexation with a Mesogen. Macromolecules, 2013, 46, 6159-6168.	4.8	8
100	A Diacetyleneâ€Containing Wedgeâ€Shaped Compound: Synthesis, Morphology, and Photopolymerization. Chemistry - A European Journal, 2013, 19, 4300-4307.	3.3	15
101	Structure formation and hydrogen bonding in all-aliphatic segmented copolymers with uniform hard segments. Acta Biomaterialia, 2013, 9, 6143-6149.	8.3	20
102	A study of p-xylylene polymerization kinetics by isoconversional analysis. Thermochimica Acta, 2013, 573, 175-180.	2.7	8
103	Microstructure and Optoelectronic Properties of P3HT-b-P4VP/PCBM Blends: Impact of PCBM on the Copolymer Self-Assembly. Macromolecules, 2013, 46, 8824-8831.	4.8	22
104	Synthesis and properties of polyvinylpyrrolidone films containing the photomagnetic chromium (tris)oxalate complex. Russian Chemical Bulletin, 2013, 62, 554-559.	1.5	3
105	From Channelâ€Forming Ionic Liquid Crystals Exhibiting Humidityâ€Induced Phase Transitions to Nanostructured Ionâ€Conducting Polymer Membranes. Advanced Materials, 2013, 25, 3543-3548.	21.0	65
106	From Channel-Forming Ionic Liquid Crystals Exhibiting Humidity-Induced Phase Transitions to Nanostructured Ion-Conducting Polymer Membranes (Adv. Mater. 26/2013). Advanced Materials, 2013, 25, 3542-3542.	21.0	16
107	Nonâ€Radial Growth of Helical Homopolymer Crystals: Breaking the Paradigm of the Polymer Spherulite Microstructure. Macromolecular Rapid Communications, 2013, 34, 1815-1819.	3.9	13
108	Nano-structured titanium and aluminium nitride coatings: Study by grazing incidence X-ray diffraction and X-ray absorption and anomalous diffraction. Thin Solid Films, 2012, 526, 269-273.	1.8	6

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109	Lightâ€Switchable Vesicles from Liquidâ€Crystalline Homopolymerâ€“Surfactant Complexes. Angewandte Chemie - International Edition, 2012, 51, 11616-11619.	13.8	51
110	Exploring the Origin of Crystalline Lamella Twist in Semi-Rigid Chain Polymers: the Model of Keith and Padden revisited. Macromolecules, 2012, 45, 7454-7460.	4.8	69
111	Effect of Molecular Structure of Î±,Î±â€²-Dialkylquaterthiophenes and Their Organosilicon Multipods on Ordering, Phase Behavior, and Charge Carrier Mobility. Journal of Physical Chemistry C, 2012, 116, 22727-22736.	3.1	31
112	Comparative Study of SWCNT Fluorination by Atomic and Molecular Fluorine. Chemistry of Materials, 2012, 24, 1744-1751.	6.7	56
113	Perfluorosulfonic acid ionomer â€“ silica composite membranes prepared using hyperbranched polyethoxysiloxane for polymer electrolyte membrane fuel cells. International Journal of Hydrogen Energy, 2012, 37, 14454-14462.	7.1	14
114	Synthesis, morphology and properties of segmented poly(ether ester amide)s comprising uniform glycine or Î²-alanine extended bisoxalamide hard segments. Polymer, 2012, 53, 4033-4044.	3.8	27
115	Effect of Axial Interactions on the Formation of Mesophases: Comparison of the Phase Behavior of Dialkyl 2,2â€²-bipyridyl-4,4â€²-dicarboxylate Complexes of Pt(II), Pt(IV), and Pt(II)/Pt(IV) Molecular Alloys. Chemistry of Materials, 2012, 24, 4517-4530.	6.7	11
116	Interplay between Hâ€Bonding and Alkylâ€Chain Ordering in Selfâ€Assembly of Monodendritic <scp>L</scp>â€Alanine Derivatives. ChemPhysChem, 2012, 13, 1470-1478.	2.1	7
117	Synthesis, Morphology, and Properties of Segmented Poly(ether amide)s with Uniform Oxalamide-Based Hard Segments. Macromolecules, 2012, 45, 3948-3961.	4.8	52
118	The synthesis of multilayer graphene materials by the fluorination of carbon nanodiscs/nanocones. Carbon, 2012, 50, 3897-3908.	10.3	26
119	Solutionâ€Processable Septithiophene Monolayer Transistor. Advanced Materials, 2012, 24, 973-978.	21.0	56
120	A supramolecular structure with an alternating arrangement of donors and acceptors constructed by a trans-di-C60-substituted Zn porphyrin derivative in the solid state. Soft Matter, 2011, 7, 6135.	2.7	26
121	Correlation between mechanical properties and orientation of the crystalline and mesomorphic phases in isotactic polypropylene fibers. Polymer, 2011, 52, 5630-5643.	3.8	34
122	Modulated magnetic structure in quasi-one-dimensional clinopyroxene NaFeGe2O6. Journal of Experimental and Theoretical Physics, 2011, 112, 121-126.	0.9	15
123	Theory of X-ray reflection broadening for textures with double-axis averaging: from semicrystalline polymers exhibiting twisted lamellar growth to discotic liquid crystals. Journal of Applied Crystallography, 2011, 44, 540-544.	4.5	5
124	Exploring the structure of inter-platelet galleries in organically modified montmorillonite using the small-angle X-ray scattering interface distribution function approach. Journal of Applied Crystallography, 2011, 44, 805-811.	4.5	3
125	On the Nature of Chirality Imparted to Achiral Polymers by the Crystallization Process. Angewandte Chemie - International Edition, 2011, 50, 8881-8885.	13.8	32
126	Polyethylene/carbon nanotube nano hybrid shish-kebab obtained by solvent evaporation and thin-film crystallization. Polymer, 2011, 52, 3633-3638.	3.8	59

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127	Electrically conductive hexagonally ordered nanoporous membranes produced by ion-beam induced carbonization of block-copolymer precursors. Nanotechnology, 2011, 22, 305603.	2.6	2
128	Properties of clinopyroxene LiFeGe2O6. Physics of the Solid State, 2010, 52, 2405-2408.	0.6	6
129	Structural and functional diagnostics of ultrafine components in condensed high-energy systems. Journal of Structural Chemistry, 2010, 51, 109-115.	1.0	3
130	Selfâ€Assembly of a Lowâ€Symmetry Monodendron Containing Two Asymmetrically Linked Molecular Wedges. ChemPhysChem, 2010, 11, 3638-3644.	2.1	3
131	Characterization of explosives traces by the Nanocalorimetry. Journal of Physics and Chemistry of Solids, 2010, 71, 114-118.	4.0	34
132	Theory of geometrical broadening of diffraction peaks from twisted lamellar crystals for interpretation of X-ray microbeam and selected-area electron diffraction experiments. Journal of Applied Crystallography, 2010, 43, 578-586.	4.5	7
133	Impact of the Alkyl Side Chains on the Optoelectronic Properties of a Series of Photovoltaic Low-Band-Gap Copolymers. Macromolecules, 2010, 43, 9779-9786.	4.8	122
134	Fine Tuning of Solid-State Properties of Septithiophenes by Tailoring the Substituents. Chemistry of Materials, 2010, 22, 2079-2092.	6.7	24
135	Morphology of Injection-Molded Isotactic Polypropylene/Silica Composites Prepared via in-Situ Solâ^'Gel Technology. Macromolecules, 2010, 43, 6067-6074.	4.8	18
136	Physical Gels Based on Polyrotaxanes: Kinetics of the Gelation, and Relative Contributions of Î±â€Cyclodextrin and Poly(ethylene oxide) to the Gel Cohesion. Macromolecular Symposia, 2010, 291-292, 202-211.	0.7	9
137	Self-assembled structures formed by a wedge-shaped molecule in 2D and 3D: the role of flexible side chains and polar head groups. Physical Chemistry Chemical Physics, 2010, 12, 1444-1452.	2.8	13
138	Microstructure of Banded Polymer Spherulites: Studies with Micro-Focus X-ray Diffraction. IOP Conference Series: Materials Science and Engineering, 2010, 14, 012014.	0.6	13
139	Microbeam X-ray diffraction from twisted lamellar crystals: theory and computer simulation. Journal of Applied Crystallography, 2009, 42, 673-680.	4.5	13
140	Monoparticulate films of polyaniline. Thin Solid Films, 2009, 517, 5459-5463.	1.8	13
141	Unprecedented Route to Ordered Polyaniline: Direct Synthesis of Highly Crystalline Fibrillar Films with Strong Ï€â€Ï€ Stacking Alignment. Macromolecular Rapid Communications, 2009, 30, 29-33.	3.9	42
142	Thin Films of a Main-Chain Columnar Liquid Crystal: Studies of Structure, Phase Transitions, and Alignment. Macromolecules, 2009, 42, 3500-3509.	4.8	16
143	Crystallization of Molecular Brushes with Block Copolymer Side Chains. Macromolecules, 2009, 42, 9008-9017.	4.8	70
144	Quantum dots improve peptide detection in MALDI MS in a size dependent manner. Journal of Nanobiotechnology, 2009, 7, 10.	9.1	17

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145	Synthesis and properties of new nitrogen-doped nanostructured carbon materials obtained by templating of mesoporous silicas with aminosugars. Journal of Physics and Chemistry of Solids, 2008, 69, 1808-1814.	4.0	35
146	Carbon nanofibres fluorinated using TbF4 as fluorinating agent. Part I: Structural properties. Carbon, 2008, 46, 1010-1016.	10.3	41
147	Comparative structural study of thin films of a columnar liquid crystal aligned by mechanical shearing and zone casting. Thin Solid Films, 2008, 517, 982-985.	1.8	11
148	The structure of particles and combustion parameters of compositions with nanoaluminum. Russian Journal of Physical Chemistry B, 2008, 2, 463-469.	1.3	0
149	Synthesis and properties of NaFeGe2O6 polycrystals. Physics of the Solid State, 2008, 50, 2141-2144.	0.6	6
150	Multiblock copolymer behaviour of Î±-CD/PEO-based polyrotaxanes: towards nano-cylinder self-organization of Î±-CDs. Soft Matter, 2008, 4, 1855.	2.7	39
151	Superhydrophobic Surfaces from Various Polypropylenes. Langmuir, 2008, 24, 9508-9514.	3.5	50
152	A Novel View on Crystallization and Melting of Semirigid Chain Polymers: The Case of Poly(trimethylene terephthalate). Macromolecules, 2008, 41, 9224-9233.	4.8	66
153	Self-Assembling of Novel Fullerene-Grafted Donorâ€“Acceptor Rodâ^'Coil Block Copolymers. Macromolecules, 2008, 41, 2701-2710.	4.8	113
154	Effect of the Soluble Block Size on Spherical Diblock Copolymer Micelles. Macromolecules, 2008, 41, 6555-6563.	4.8	58
155	Poly(ethylene oxide) Crystallization within a One-Dimensional Defect-Free Confinement on the Nanoscale. Macromolecules, 2008, 41, 4794-4801.	4.8	59
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