

John H Xin

List of Publications by Year in descending order

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159
papers

7,663
citations

38660

50
h-index

58464

82
g-index

166
all docs

166
docs citations

166
times ranked

9540
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic color pattern recognition of multispectral printed fabric images. <i>Journal of Intelligent Manufacturing</i> , 2023, 34, 2747-2763.	4.4	2
2	Heteromolecular pigmentations of plant-derived catechol and their application on textiles. <i>Journal of Cleaner Production</i> , 2022, 332, 130010.	4.6	5
3	Environmentally Benign Biosynthesis of Hierarchical MOF/Bacterial Cellulose Composite Sponge for Nerve Agent Protection. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	28
4	Charge-controllable mussel-inspired magnetic nanocomposites for selective dye adsorption and separation. <i>Chemosphere</i> , 2022, 300, 134404.	4.2	9
5	Mussel-Inspired Design of a Self-Adhesive Agent for Durable Moisture Management and Bacterial Inhibition on PET Fabric. <i>Advanced Materials</i> , 2021, 33, e2100140.	11.1	68
6	Fiber Composites of Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2020, 32, 7120-7140.	3.2	82
7	Bioinspired Superhydrophobic Surface Constructed from Hydrophilic Building Blocks: A Case Study of Core-Shell Polypyrrole-Coated Copper Nanoneedles. <i>Coatings</i> , 2020, 10, 347.	1.2	5
8	Neuro-perceptive discrimination on fabric tactile stimulation by Electroencephalographic (EEG) spectra. <i>PLoS ONE</i> , 2020, 15, e0241378.	1.1	5
9	Lighting Deviation Correction for Integrating-Sphere Multispectral Imaging Systems. <i>Sensors</i> , 2019, 19, 3501.	2.1	1
10	Nature-Inspired Windmill for Water Collection in Complex Windy Environments. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17952-17959.	4.0	17
11	Janus Fabric with Self-Propelled Directional Wetting Patterns Induced by Light and Temperature. <i>Advanced Engineering Materials</i> , 2018, 20, 1700905.	1.6	10
12	Stimuli-Responsive Bioinspired Materials for Controllable Liquid Manipulation: Principles, Fabrication, and Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1705128.	7.8	66
13	One-Step Synthesis of Multifunctional Zinc-Iron-Oxide Hybrid Carbon Nanowires by Chemical Fusion for Supercapacitors and Interfacial Water Marbles. <i>ChemNanoMat</i> , 2018, 4, 546-556.	1.5	13
14	Three-dimensional color prediction modeling of single- and double-layered woven fabrics. <i>Color Research and Application</i> , 2018, 43, 130-141.	0.8	8
15	Recoloring textile fabric images based on improved fuzzy clustering. <i>Color Research and Application</i> , 2017, 42, 115-123.	0.8	4
16	Robust and low cytotoxic betaine-based colorimetric pH sensors suitable for cancer cell discrimination. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 277-283.	4.0	14
17	Flexible Slippery Surface to Manipulate Droplet Coalescence and Sliding, and Its Practicability in Wind-Resistant Water Collection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24428-24432.	4.0	52
18	Non-leaching and durable antibacterial textiles finished with reactive zwitterionic sulfobetaine. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 46, 373-378.	2.9	26

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19	Color appearance modeling of bicolor striped woven fabrics considering neighboring color effects. <i>Color Research and Application</i> , 2017, 42, 512-521.	0.8	7
20	Bidirectional texture function image super-resolution using singular value decomposition. <i>Applied Optics</i> , 2017, 56, 2745.	2.1	1
21	Spectral bidirectional texture function reconstruction by fusing multiple-color and spectral images. <i>Applied Optics</i> , 2016, 55, 10400.	2.1	4
22	Durable Antibacterial and Nonfouling Cotton Textiles with Enhanced Comfort via Zwitterionic Sulfopropylbetaine Coating. <i>Small</i> , 2016, 12, 3516-3521.	5.2	145
23	Antibacterial modification of an injectable, biodegradable, non-cytotoxic block copolymer-based physical gel with body temperature-stimulated sol-gel transition and controlled drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 342-351.	2.5	16
24	Beads-on-String Structured Nanofibers for Smart and Reversible Oil/Water Separation with Outstanding Antifouling Property. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25612-25620.	4.0	144
25	Color prediction models for digital Jacquard woven fabrics. <i>Color Research and Application</i> , 2016, 41, 64-71.	0.8	15
26	Highly conjugated graphitic 3D carbon frameworks for supercapacitors with long cycling stability. <i>Carbon</i> , 2016, 109, 650-657.	5.4	19
27	Hierarchical poly(p-phenylene benzobisoxazole)/graphene oxide reinforcement with multifunctional and biomimic middle layer. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 88, 123-130.	3.8	57
28	Constructing safe and durable antibacterial textile surfaces using a robust graft-to strategy via covalent bond formation. <i>Scientific Reports</i> , 2016, 6, 36327.	1.6	10
29	Graphene oxide-enhanced sol-gel transition sensitivity and drug release performance of an amphiphilic copolymer-based nanocomposite. <i>Scientific Reports</i> , 2016, 6, 31815.	1.6	22
30	Color specification of a single strand of yarn from a multispectral image. <i>Color Research and Application</i> , 2016, 41, 500-512.	0.8	4
31	Fast Multispectral Imaging by Spatial Pixel-Binning and Spectral Unmixing. <i>IEEE Transactions on Image Processing</i> , 2016, 25, 3612-3625.	6.0	9
32	Eliminating material dependency in spectra measurement via non-neighbouring band regression. <i>Coloration Technology</i> , 2016, 132, 186-192.	0.7	0
33	Biomimetic Water-Collecting Fabric with Light-Induced Superhydrophilic Bumps. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2950-2960.	4.0	101
34	Colour matching comparison between spectrophotometric and multispectral imaging measurements. <i>Coloration Technology</i> , 2016, 132, 17-27.	0.7	5
35	An investigation of how the texture surface of a fabric influences its instrumental color. <i>Color Research and Application</i> , 2015, 40, 472-482.	0.8	21
36	A novel method for weft and warp yarn segmentation in multicolour yarn-dyed fabric images. <i>Coloration Technology</i> , 2015, 131, 165-171.	0.7	14

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37	An efficient method for solid-colour and multicolour region segmentation in real yarn-dyed fabric images. <i>Coloration Technology</i> , 2015, 131, 120-130.	0.7	11
38	Yarn Color Measurement and Reproduction by a Multispectral Imaging System. <i>Journal of Imaging Science and Technology</i> , 2015, 59, 030401-1-030401-8.	0.3	2
39	Bioinspired, Stimuli-Responsive, Multifunctional Superhydrophobic Surface with Directional Wetting, Adhesion, and Transport of Water. <i>Advanced Functional Materials</i> , 2015, 25, 5047-5056.	7.8	117
40	A multispectral imaging approach to colour measurement and colour matching of single yarns without winding. <i>Coloration Technology</i> , 2015, 131, 342-351.	0.7	8
41	Bioinspired Superhydrophobic Fe ₃ O ₄ @Polydopamine@Ag Hybrid Nanoparticles for Liquid Marble and Oil Spill. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500234.	1.9	76
42	Temperature-responsive nanofibers for controllable oil/water separation. <i>RSC Advances</i> , 2015, 5, 51078-51085.	1.7	74
43	Superhydrophilic and underwater superoleophobic mesh coating for efficient oil-water separation. <i>RSC Advances</i> , 2015, 5, 51537-51541.	1.7	38
44	Structural and mechanistic understanding of an active and durable graphene carbocatalyst for reduction of 4-nitrophenol at room temperature. <i>Nano Research</i> , 2015, 8, 3992-4006.	5.8	73
45	Preparation of a novel cationic curcumin and its properties evaluation on cotton fabric. <i>Fibers and Polymers</i> , 2015, 16, 2426-2431.	1.1	17
46	A novel turn-on colorimetric and fluorescent sensor for Fe ³⁺ and Al ³⁺ with solvent-dependent binding properties and its sequential response to carbonate. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 181-187.	4.0	74
47	Synthesis and stabilization of metal nanocatalysts for reduction reactions – a review. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11157-11182.	5.2	264
48	A novel graphene oxide-based fluorescent nanosensor for selective detection of Fe ³⁺ with a wide linear concentration and its application in logic gate. <i>Biosensors and Bioelectronics</i> , 2015, 70, 69-73.	5.3	48
49	Visible light-active sub-5 nm anatase TiO ₂ for photocatalytic organic pollutant degradation in water and air, and for bacterial disinfection. <i>Catalysis Communications</i> , 2015, 72, 81-85.	1.6	33
50	A pH-mediated enhancement of the graphene carbocatalyst activity for the reduction of 4-nitrophenol. <i>Chemical Communications</i> , 2015, 51, 16699-16702.	2.2	45
51	A novel impact hardening polymer with negative Poisson's ratio for impact protection. <i>Materials Today Communications</i> , 2015, 5, 50-59.	0.9	12
52	The favourable large misorientation angle grain boundaries in graphene. <i>Nanoscale</i> , 2015, 7, 20082-20088.	2.8	31
53	Metal-free graphene-based catalyst – Insight into the catalytic activity: A short review. <i>Applied Catalysis A: General</i> , 2015, 492, 1-9.	2.2	123
54	Polyethylenimine coated bacterial cellulose nanofiber membrane and application as adsorbent and catalyst. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 32-38.	5.0	86

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55	Channel selection for multispectral color imaging using binary differential evolution. <i>Applied Optics</i> , 2014, 53, 634.	0.9	13
56	A new rhodamine-thiourea/Al ³⁺ complex sensor for the fast visual detection of arginine in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 496-502.	4.0	67
57	Multifunctional organically modified graphene with super-hydrophobicity. <i>Nano Research</i> , 2014, 7, 418-433.	5.8	65
58	Mechanism study of heat stabilization of polyacrylonitrile nanofibers against alkaline hydrolysis. <i>Polymer Degradation and Stability</i> , 2014, 105, 80-85.	2.7	23
59	Super-tough and thermo-healable hydrogel “promising for shape-memory absorbent fiber. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7631-7638.	2.9	100
60	Smart hydrogel-functionalized textile system with moisture management property for skin application. <i>Smart Materials and Structures</i> , 2014, 23, 125027.	1.8	46
61	Dopamine polymerization-induced surface colouration of various materials. <i>RSC Advances</i> , 2014, 4, 20317-20322.	1.7	23
62	Bio-inspired colouration on various textile materials using a novel catechol colorant. <i>RSC Advances</i> , 2014, 4, 41081-41086.	1.7	10
63	PAM/graphene/Ag ternary hydrogel: synthesis, characterization and catalytic application. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11319-11333.	5.2	94
64	Organic Liquids-Responsive β -Cyclodextrin-Functionalized Graphene-Based Fluorescence Probe: Label-Free Selective Detection of Tetrahydrofuran. <i>Molecules</i> , 2014, 19, 7459-7479.	1.7	39
65	Interactive Sketch Design Recognition System Using Evolutionary Techniques. <i>Research Journal of Textile and Apparel</i> , 2014, 18, 89-103.	0.6	0
66	Reversible thermochromic switching of fluorescent poly(vinylidene fluoride) composite containing bis(benzoxazolyl)stilbene dye. <i>Dyes and Pigments</i> , 2013, 99, 99-104.	2.0	11
67	Potential E-ink from polypyrrole complex nanospheres. <i>Materials Letters</i> , 2013, 111, 177-180.	1.3	2
68	Highly Efficient Graphene-Based Ternary Composite Catalyst with Polydopamine Layer and Copper Nanoparticles. <i>ChemPlusChem</i> , 2013, 78, 1483-1490.	1.3	45
69	In-situ growth of pine-needle-like tungsten oxide nanowire arrays on carbon nanofibers. <i>Materials Letters</i> , 2013, 99, 131-133.	1.3	7
70	An IGA-based design support system for realistic and practical fashion designs. <i>CAD Computer Aided Design</i> , 2013, 45, 1442-1458.	1.4	55
71	Temperature-Triggered Collection and Release of Water from Fogs by a Sponge-Like Cotton Fabric. <i>Advanced Materials</i> , 2013, 25, 1150-1154.	11.1	147
72	Microgels for impact protection. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2345-2351.	1.3	14

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73	Reversible Mechanochromism of a Luminescent Elastomer. ACS Applied Materials & Interfaces, 2013, 5, 4625-4631.	4.0	31
74	Glutaraldehyde-chitosan and poly (vinyl alcohol) blends, and fluorescence of their nano-silica composite films. Carbohydrate Polymers, 2013, 91, 305-313.	5.1	127
75	Adaptive characterization method for desktop color printers. Journal of Electronic Imaging, 2013, 22, 023012.	0.5	3
76	An unsupervised method for dominant colour region segmentation in yarn-dyed fabrics. Coloration Technology, 2013, 129, 389-397.	0.7	20
77	Autofocus for multispectral camera using focus symmetry. Applied Optics, 2012, 51, 2616.	0.9	13
78	In-situ study of the structure and dynamics of thermo-responsive PNIPAAm grafted on a cotton fabric. Polymer, 2012, 53, 3577-3586.	1.8	39
79	A durable flame retardant for cellulosic fabrics. Polymer Degradation and Stability, 2012, 97, 2467-2472.	2.7	106
80	A novel halogen-free and formaldehyde-free flame retardant for cotton fabrics. Fire and Materials, 2012, 36, 31-39.	0.9	59
81	Nanoconfinement crystallization of frustrated alkyl groups: crossover of mesophase to crystalline structure. Chemical Communications, 2011, 47, 3825.	2.2	22
82	Correcting cross-media instrument metamerism for reflectance estimation in multispectral imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 511.	0.8	5
83	A comparative study of the emotional assessment of automotive exterior colors in Asia. Progress in Organic Coatings, 2011, 72, 528-540.	1.9	15
84	TiO ₂ /SiO ₂ hybrid nanomaterials: synthesis and variable UV-blocking properties. Journal of Sol-Gel Science and Technology, 2011, 58, 326-329.	1.1	43
85	Further insight into aryl nitration of tetraphenylporphyrin. Tetrahedron, 2011, 67, 6030-6035.	1.0	8
86	Visible light-active iron-doped anatase nanocrystallites and their self-cleaning property. Thin Solid Films, 2011, 519, 2438-2444.	0.8	19
87	Fabrics with self-adaptive wettability controlled by light-and-dark. Journal of Materials Chemistry, 2011, 21, 17978.	6.7	70
88	In-situ growth of silica nanoparticles on cellulose and application of hierarchical structure in biomimetic hydrophobicity. Cellulose, 2010, 17, 1103-1113.	2.4	35
89	Schizophrenic copolymer from natural biopolymer by facile grafting. Polymer, 2010, 51, 890-896.	1.8	18
90	Enhanced fluorescence and thermal sensitivity of polyethylenimine modified by Michael addition. Polymer, 2010, 51, 1845-1852.	1.8	20

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91	Preparation of durable hydrophobic cellulose fabric from water glass and mixed organosilanes. Applied Surface Science, 2010, 257, 1495-1499.	3.1	56
92	Multispectral image compression by cluster-adaptive subspace representation. , 2010, , .		0
93	Advanced Visible-Light-Driven Self-Cleaning Cotton by Au/TiO ₂ /SiO ₂ Photocatalysts. ACS Applied Materials & Interfaces, 2010, 2, 82-85.	4.0	105
94	Robust Hairy Microspheres and Derived Hairy Surfaces by an "Inside-Out" Wet Approach. Langmuir, 2010, 26, 1435-1439.	1.6	1
95	Room-Temperature Synthesis of Single-Phase Anatase TiO ₂ by Aging and its Self-Cleaning Properties. ACS Applied Materials & Interfaces, 2010, 2, 3479-3485.	4.0	59
96	Modification of Conductive Polymer for Polymeric Anodes of Flexible Organic Light-Emitting Diodes. Nanoscale Research Letters, 2009, 4, 613-7.	3.1	49
97	Growing Nanoballoons and Nanotubes of Pure Polymer from a Microcapsule. Macromolecular Rapid Communications, 2008, 29, 1882-1886.	2.0	2
98	Estimation of optoelectronic conversion functions of imaging devices without using gray samples. Color Research and Application, 2008, 33, 135-141.	0.8	2
99	Chromaticity-based separation of reflection components in a single image. Pattern Recognition, 2008, 41, 2461-2469.	5.1	111
100	Coating carbon nanotubes by spontaneous oxidative polymerization of dopamine. Carbon, 2008, 46, 1795-1797.	5.4	432
101	Multi-functional microcapsules produced by aerosol reaction. Journal of Aerosol Science, 2008, 39, 1089-1098.	1.8	37
102	Optimal selection of representative colors for spectral reflectance reconstruction in a multispectral imaging system. Applied Optics, 2008, 47, 2494.	2.1	26
103	Estimation of spectral reflectance of object surfaces with the consideration of perceptual color space. Optics Letters, 2007, 32, 96.	1.7	18
104	Improved reflectance reconstruction for multispectral imaging by combining different techniques. Optics Express, 2007, 15, 5531.	1.7	49
105	Reflectance reconstruction for multispectral imaging by adaptive Wiener estimation. Optics Express, 2007, 15, 15545.	1.7	93
106	Effect of Main-Chain Rigidity on the Phase Transitional Behavior of Comblike Polymers. Macromolecules, 2007, 40, 3198-3203.	2.2	35
107	Polyimide-Surface-Modified Silica Tubes: Preparation and Cryogenic Properties. Chemistry of Materials, 2007, 19, 1939-1945.	3.2	25
108	Facile preparation of anatase/SiO ₂ spherical nanocomposites and their application in self-cleaning textiles. Journal of Materials Chemistry, 2007, 17, 3504.	6.7	127

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109	Analysis of cross-cultural color emotion. <i>Color Research and Application</i> , 2007, 32, 223-229.	0.8	120
110	Synthesis and lubricating performance of a carbon nanotube seeded miniemulsion. <i>Carbon</i> , 2007, 45, 936-942.	5.4	39
111	Preparation of a Panoropic Mimic Diatom from a Silicon Compound. <i>Small</i> , 2007, 3, 1921-1926.	5.2	10
112	Functionalizing Polyester Fiber with a Self-Cleaning Property Using Anatase TiO ₂ and Low-Temperature Plasma Treatment. <i>International Journal of Applied Ceramic Technology</i> , 2007, 4, 554-563.	1.1	108
113	Order-disorder transition in eicosylated polyethyleneimine comblike polymers. <i>Polymer</i> , 2007, 48, 2762-2767.	1.8	32
114	Solubilization, purification and functionalization of carbon nanotubes using polyoxometalate. <i>Nanotechnology</i> , 2006, 17, 1589-1593.	1.3	58
115	Self-cleaning cotton. <i>Journal of Materials Chemistry</i> , 2006, 16, 4567.	6.7	213
116	Room temperature synthesis of rutile nanorods and their applications on cloth. <i>Nanotechnology</i> , 2006, 17, 1927-1931.	1.3	76
117	Self-Assembled Gold Nanoshells on Biodegradable Chitosan Fibers. <i>Biomacromolecules</i> , 2006, 7, 2719-2721.	2.6	11
118	Spectral characterization of a color scanner based on optimized adaptive estimation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 1566.	0.8	35
119	Monodisperse Organosilica Microcapsules with Functional Groups by Self-catalysis. <i>Chemistry Letters</i> , 2006, 35, 622-623.	0.7	17
120	Dispersion and Modification of Carbon Nanotubes Using a Surface Gel-Sol Technique. <i>Chemistry Letters</i> , 2006, 35, 1258-1259.	0.7	1
121	Ionic peapods from carbon nanotubes and phosphotungstic acid. <i>Carbon</i> , 2006, 44, 2261-2264.	5.4	41
122	Synthesis and characterization of hydrophobic silica nanocomposites. <i>Applied Surface Science</i> , 2006, 252, 5368-5371.	3.1	51
123	Fabrication of UV-blocking nanohybrid coating via miniemulsion polymerization. <i>Journal of Colloid and Interface Science</i> , 2006, 300, 111-116.	5.0	101
124	Pulsed laser deposition of superhydrophobic thin Teflon films on cellulosic fibers. <i>Thin Solid Films</i> , 2006, 515, 835-837.	0.8	56
125	One-step preparation of organosilica-chitosan crosslinked nanospheres. <i>Polymer</i> , 2006, 47, 947-950.	1.8	46
126	Durable antibacterial finish on cotton fabric by using chitosan-based polymeric core-shell particles. <i>Journal of Applied Polymer Science</i> , 2006, 102, 1787-1793.	1.3	106

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127	Investigation of human's emotional responses on colors. <i>Color Research and Application</i> , 2006, 31, 411-417.	0.8	96
128	Total colour management in textiles. , 2006, , .		9
129	A Wet Route to Nanofiber-based Chitosan Sponges. <i>Chemistry Letters</i> , 2005, 34, 1640-1641.	0.7	2
130	Surface functionalization of cellulose fibers with titanium dioxide nanoparticles and their combined bactericidal activities. <i>Surface Science</i> , 2005, 599, 69-75.	0.8	266
131	Dielectric and dynamic mechanical properties of polyimide-clay nanocomposite films. <i>Chemical Physics Letters</i> , 2005, 401, 553-557.	1.2	86
132	Microstructural Evolution of Titania Nanocrystallites by a Hydrothermal Treatment: A HRTEM study. <i>Journal of the American Ceramic Society</i> , 2005, 88, 443-446.	1.9	26
133	Investigation of texture effect on visual colour difference evaluation. <i>Color Research and Application</i> , 2005, 30, 341-347.	0.8	46
134	Dielectric Properties of Polyimide-Mica Hybrid Films. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1473-1477.	2.0	47
135	Synthesis and cryogenic properties of polyimide-silica hybrid films by sol-gel process. <i>Polymer</i> , 2005, 46, 8373-8378.	1.8	48
136	Polyethylenedioxythiophene coatings for humidity, temperature and strain sensing polyamide fibers. <i>Sensors and Actuators B: Chemical</i> , 2005, 109, 329-333.	4.0	150
137	Synthesis of single-phase anatase nanocrystallites at near room temperatures. <i>Chemical Communications</i> , 2005, , 2110.	2.2	67
138	Transferring color between three-dimensional objects. <i>Applied Optics</i> , 2005, 44, 1969.	2.1	6
139	Analysis and synthesis of multicolored objects in a single image. <i>Optics Letters</i> , 2005, 30, 2378.	1.7	3
140	Surface characterization of thin titania films prepared at low temperatures. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 1486-1490.	1.5	40
141	Low Temperature Sol-Gel Processed Photocatalytic Titania Coating. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 29, 25-29.	1.1	205
142	Regioregular poly(3-alkylthiophenes): Synthesis, characterization, and application in conductive fabrics. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2131-2135.	1.3	6
143	Modified poly(3-hydroxybutyrate-co-3-hydroxyvalerate) using hydrogen bonding monomers. <i>Polymer</i> , 2004, 45, 6275-6284.	1.8	58
144	ZnO Nanorods grown on cotton fabrics at low temperature. <i>Chemical Physics Letters</i> , 2004, 398, 250-255.	1.2	148

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145	The characteristics and photocatalytic activities of silver doped ZnO nanocrystallites. Applied Surface Science, 2004, 227, 312-317.	3.1	261
146	Accurate color synthesis of three-dimensional objects in an image. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 713.	0.8	7
147	Spectral characterization of a color scanner by adaptive estimation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 1125.	0.8	34
148	Computational model for color mapping on texture images. Journal of Electronic Imaging, 2003, 12, 697.	0.5	11
149	Comprehensive comparison between different mathematical models for inter-instrument agreement of reflectance spectrophotometers. , 2002, , .		0
150	Numerical expression of color emotion and its application. , 2002, 4421, 409.		4
151	Color planner for designers based on color emotions. , 2002, 4421, 215.		0
152	Comparative study of visual color differences using reflective and self-luminous color stimuli. , 2002, , .		0
153	Quantifying the quality of D65 simulator. , 2002, , .		0
154	Colour-appearance modeling using feedforward networks with Bayesian regularization method. Part II: Reverse model. Color Research and Application, 2002, 27, 116-121.	0.8	1
155	Evaluation of the quality of different D65 simulators for visual assessment. Color Research and Application, 2002, 27, 243-251.	0.8	20
156	Investigation of parametric effects using medium colour-difference pairs. Color Research and Application, 2001, 26, 376-383.	0.8	22
157	Bio-Inspired Coloration for Wool Fabrics at Room Temperature. Key Engineering Materials, 0, 671, 25-31.	0.4	0
158	Environmentally Benign Biosynthesis of Hierarchical MOF/Bacterial Cellulose Composite Sponge for Nerve Agent Protection. Angewandte Chemie, 0, , .	1.6	0
159	Durable Moisture/Thermal Management Self-Adhesive Coating for Polyester Fabric. Materials Science Forum, 0, 1063, 203-208.	0.3	0