

# John H Xin

## List of Publications by Year in descending order

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159  
papers

7,663  
citations

38742

50  
h-index

58581

82  
g-index

166  
all docs

166  
docs citations

166  
times ranked

9540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coating carbon nanotubes by spontaneous oxidative polymerization of dopamine. <i>Carbon</i> , 2008, 46, 1795-1797.	10.3	432
2	Surface functionalization of cellulose fibers with titanium dioxide nanoparticles and their combined bactericidal activities. <i>Surface Science</i> , 2005, 599, 69-75.	1.9	266
3	Synthesis and stabilization of metal nanocatalysts for reduction reactions – a review. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11157-11182.	10.3	264
4	The characteristics and photocatalytic activities of silver doped ZnO nanocrystallites. <i>Applied Surface Science</i> , 2004, 227, 312-317.	6.1	261
5	Self-cleaning cotton. <i>Journal of Materials Chemistry</i> , 2006, 16, 4567.	6.7	213
6	Low Temperature Sol-Gel Processed Photocatalytic Titania Coating. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 29, 25-29.	2.4	205
7	Polyethylenedioxythiophene coatings for humidity, temperature and strain sensing polyamide fibers. <i>Sensors and Actuators B: Chemical</i> , 2005, 109, 329-333.	7.8	150
8	ZnO Nanorods grown on cotton fabrics at low temperature. <i>Chemical Physics Letters</i> , 2004, 398, 250-255.	2.6	148
9	Temperature-triggered Collection and Release of Water from Fogs by a Sponge-like Cotton Fabric. <i>Advanced Materials</i> , 2013, 25, 1150-1154.	21.0	147
10	Durable Antibacterial and Nonfouling Cotton Textiles with Enhanced Comfort via Zwitterionic Sulfopropylbetaine Coating. <i>Small</i> , 2016, 12, 3516-3521.	10.0	145
11	Beads-on-String Structured Nanofibers for Smart and Reversible Oil/Water Separation with Outstanding Antifouling Property. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 25612-25620.	8.0	144
12	Facile preparation of anatase/SiO <sub>2</sub> spherical nanocomposites and their application in self-cleaning textiles. <i>Journal of Materials Chemistry</i> , 2007, 17, 3504.	6.7	127
13	Glutaraldehyde-chitosan and poly (vinyl alcohol) blends, and fluorescence of their nano-silica composite films. <i>Carbohydrate Polymers</i> , 2013, 91, 305-313.	10.2	127
14	Metal-free graphene-based catalyst – Insight into the catalytic activity: A short review. <i>Applied Catalysis A: General</i> , 2015, 492, 1-9.	4.3	123
15	Analysis of cross-cultural color emotion. <i>Color Research and Application</i> , 2007, 32, 223-229.	1.6	120
16	Bioinspired, Stimuli-responsive, Multifunctional Superhydrophobic Surface with Directional Wetting, Adhesion, and Transport of Water. <i>Advanced Functional Materials</i> , 2015, 25, 5047-5056.	14.9	117
17	Chromaticity-based separation of reflection components in a single image. <i>Pattern Recognition</i> , 2008, 41, 2461-2469.	8.1	111
18	Functionalizing Polyester Fiber with a Self-cleaning Property Using Anatase TiO <sub>2</sub> and Low-temperature Plasma Treatment. <i>International Journal of Applied Ceramic Technology</i> , 2007, 4, 554-563.	2.1	108

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19	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.	2.6	106
20	A durable flame retardant for cellulosic fabrics. <i>Polymer Degradation and Stability</i> , 2012, 97, 2467-2472.	5.8	106
21	Advanced Visible-Light-Driven Self-Cleaning Cotton by Au/TiO <sub>2</sub> /SiO <sub>2</sub> Photocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 82-85.	8.0	105
22	Fabrication of UV-blocking nanohybrid coating via miniemulsion polymerization. <i>Journal of Colloid and Interface Science</i> , 2006, 300, 111-116.	9.4	101
23	Biomimetic Water-Collecting Fabric with Light-Induced Superhydrophilic Bumps. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2950-2960.	8.0	101
24	Super-tough and thermo-healable hydrogel “ promising for shape-memory absorbent fiber. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7631-7638.	5.8	100
25	Investigation of human's emotional responses on colors. <i>Color Research and Application</i> , 2006, 31, 411-417.	1.6	96
26	PAM/graphene/Ag ternary hydrogel: synthesis, characterization and catalytic application. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11319-11333.	10.3	94
27	Reflectance reconstruction for multispectral imaging by adaptive Wiener estimation. <i>Optics Express</i> , 2007, 15, 15545.	3.4	93
28	Dielectric and dynamic mechanical properties of polyimide“clay nanocomposite films. <i>Chemical Physics Letters</i> , 2005, 401, 553-557.	2.6	86
29	Polyethylenimine coated bacterial cellulose nanofiber membrane and application as adsorbent and catalyst. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 32-38.	9.4	86
30	Fiber Composites of Metal“Organic Frameworks. <i>Chemistry of Materials</i> , 2020, 32, 7120-7140.	6.7	82
31	Room temperature synthesis of rutile nanorods and their applications on cloth. <i>Nanotechnology</i> , 2006, 17, 1927-1931.	2.6	76
32	Bioinspired Superhydrophobic Fe <sub>3</sub> O <sub>4</sub> @Polydopamine@Ag Hybrid Nanoparticles for Liquid Marble and Oil Spill. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500234.	3.7	76
33	Temperature-responsive nanofibers for controllable oil/water separation. <i>RSC Advances</i> , 2015, 5, 51078-51085.	3.6	74
34	A novel turn-on colorimetric and fluorescent sensor for Fe <sup>3+</sup> and Al <sup>3+</sup> with solvent-dependent binding properties and its sequential response to carbonate. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 181-187.	7.8	74
35	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.	10.4	73
36	Fabrics with self-adaptive wettability controlled by “light-and-dark“. <i>Journal of Materials Chemistry</i> , 2011, 21, 17978.	6.7	70

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37	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.	21.0	68
38	Synthesis of single-phase anatase nanocrystallites at near room temperatures. <i>Chemical Communications</i> , 2005, , 2110.	4.1	67
39	A new rhodamine-thiourea/Al <sup>3+</sup> complex sensor for the fast visual detection of arginine in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 496-502.	7.8	67
40	Stimuli-Responsive Bioinspired Materials for Controllable Liquid Manipulation: Principles, Fabrication, and Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1705128.	14.9	66
41	Multifunctional organically modified graphene with super-hydrophobicity. <i>Nano Research</i> , 2014, 7, 418-433.	10.4	65
42	Room-Temperature Synthesis of Single-Phase Anatase TiO <sub>2</sub> by Aging and its Self-Cleaning Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 3479-3485.	8.0	59
43	A novel halogen-free and formaldehyde-free flame retardant for cotton fabrics. <i>Fire and Materials</i> , 2012, 36, 31-39.	2.0	59
44	Modified poly(3-hydroxybutyrate-co-3-hydroxyvalerate) using hydrogen bonding monomers. <i>Polymer</i> , 2004, 45, 6275-6284.	3.8	58
45	Solubilization, purification and functionalization of carbon nanotubes using polyoxometalate. <i>Nanotechnology</i> , 2006, 17, 1589-1593.	2.6	58
46	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.	7.6	57
47	Pulsed laser deposition of superhydrophobic thin Teflon films on cellulosic fibers. <i>Thin Solid Films</i> , 2006, 515, 835-837.	1.8	56
48	Preparation of durable hydrophobic cellulose fabric from water glass and mixed organosilanes. <i>Applied Surface Science</i> , 2010, 257, 1495-1499.	6.1	56
49	An IGA-based design support system for realistic and practical fashion designs. <i>CAD Computer Aided Design</i> , 2013, 45, 1442-1458.	2.7	55
50	Flexible Slippery Surface to Manipulate Droplet Coalescence and Sliding, and Its Practicability in Wind-Resistant Water Collection. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 24428-24432.	8.0	52
51	Synthesis and characterization of hydrophobic silica nanocomposites. <i>Applied Surface Science</i> , 2006, 252, 5368-5371.	6.1	51
52	Improved reflectance reconstruction for multispectral imaging by combining different techniques. <i>Optics Express</i> , 2007, 15, 5531.	3.4	49
53	Modification of Conductive Polymer for Polymeric Anodes of Flexible Organic Light-Emitting Diodes. <i>Nanoscale Research Letters</i> , 2009, 4, 613-7.	5.7	49
54	Synthesis and cryogenic properties of polyimide-silica hybrid films by sol-gel process. <i>Polymer</i> , 2005, 46, 8373-8378.	3.8	48

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55	A novel graphene oxide-based fluorescent nanosensor for selective detection of Fe <sup>3+</sup> with a wide linear concentration and its application in logic gate. <i>Biosensors and Bioelectronics</i> , 2015, 70, 69-73.	10.1	48
56	Dielectric Properties of Polyimide-Mica Hybrid Films. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1473-1477.	3.9	47
57	Investigation of texture effect on visual colour difference evaluation. <i>Color Research and Application</i> , 2005, 30, 341-347.	1.6	46
58	One-step preparation of organosilica@chitosan crosslinked nanospheres. <i>Polymer</i> , 2006, 47, 947-950.	3.8	46
59	Smart hydrogel-functionalized textile system with moisture management property for skin application. <i>Smart Materials and Structures</i> , 2014, 23, 125027.	3.5	46
60	Highly Efficient Graphene-Based Ternary Composite Catalyst with Polydopamine Layer and Copper Nanoparticles. <i>ChemPlusChem</i> , 2013, 78, 1483-1490.	2.8	45
61	A pH-mediated enhancement of the graphene carbocatalyst activity for the reduction of 4-nitrophenol. <i>Chemical Communications</i> , 2015, 51, 16699-16702.	4.1	45
62	TiO <sub>2</sub> /SiO <sub>2</sub> hybrid nanomaterials: synthesis and variable UV-blocking properties. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 326-329.	2.4	43
63	Ionic peapods from carbon nanotubes and phosphotungstic acid. <i>Carbon</i> , 2006, 44, 2261-2264.	10.3	41
64	Surface characterization of thin titania films prepared at low temperatures. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 1486-1490.	3.1	40
65	Synthesis and lubricating performance of a carbon nanotube seeded miniemulsion. <i>Carbon</i> , 2007, 45, 936-942.	10.3	39
66	In-situ study of the structure and dynamics of thermo-responsive PNIPAAm grafted on a cotton fabric. <i>Polymer</i> , 2012, 53, 3577-3586.	3.8	39
67	Organic Liquids-Responsive $\beta$ -Cyclodextrin-Functionalized Graphene-Based Fluorescence Probe: Label-Free Selective Detection of Tetrahydrofuran. <i>Molecules</i> , 2014, 19, 7459-7479.	3.8	39
68	Superhydrophilic and underwater superoleophobic mesh coating for efficient oil-water separation. <i>RSC Advances</i> , 2015, 5, 51537-51541.	3.6	38
69	Multi-functional microcapsules produced by aerosol reaction. <i>Journal of Aerosol Science</i> , 2008, 39, 1089-1098.	3.8	37
70	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.	1.5	35
71	Effect of Main-Chain Rigidity on the Phase Transitional Behavior of Comblike Polymers. <i>Macromolecules</i> , 2007, 40, 3198-3203.	4.8	35
72	In-situ growth of silica nanoparticles on cellulose and application of hierarchical structure in biomimetic hydrophobicity. <i>Cellulose</i> , 2010, 17, 1103-1113.	4.9	35

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73	Spectral characterization of a color scanner by adaptive estimation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2004, 21, 1125.	1.5	34
74	Visible light-active sub-5 nm anatase TiO <sub>2</sub> for photocatalytic organic pollutant degradation in water and air, and for bacterial disinfection. <i>Catalysis Communications</i> , 2015, 72, 81-85.	3.3	33
75	Order-disorder transition in eicosylated polyethyleneimine comblike polymers. <i>Polymer</i> , 2007, 48, 2762-2767.	3.8	32
76	Reversible Mechanochromism of a Luminescent Elastomer. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 4625-4631.	8.0	31
77	The favourable large misorientation angle grain boundaries in graphene. <i>Nanoscale</i> , 2015, 7, 20082-20088.	5.6	31
78	Environmentally Benign Biosynthesis of Hierarchical MOF/Bacterial Cellulose Composite Sponge for Nerve Agent Protection. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	28
79	Microstructural Evolution of Titania Nanocrystallites by a Hydrothermal Treatment: A HRTEM study. <i>Journal of the American Ceramic Society</i> , 2005, 88, 443-446.	3.8	26
80	Optimal selection of representative colors for spectral reflectance reconstruction in a multispectral imaging system. <i>Applied Optics</i> , 2008, 47, 2494.	2.1	26
81	Non-leaching and durable antibacterial textiles finished with reactive zwitterionic sulfobetaine. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 46, 373-378.	5.8	26
82	Polyimide-Surface-Modified Silica Tubes: Preparation and Cryogenic Properties. <i>Chemistry of Materials</i> , 2007, 19, 1939-1945.	6.7	25
83	Mechanism study of heat stabilization of polyacrylonitrile nanofibers against alkaline hydrolysis. <i>Polymer Degradation and Stability</i> , 2014, 105, 80-85.	5.8	23
84	Dopamine polymerization-induced surface colouration of various materials. <i>RSC Advances</i> , 2014, 4, 20317-20322.	3.6	23
85	Investigation of parametric effects using medium colour-difference pairs. <i>Color Research and Application</i> , 2001, 26, 376-383.	1.6	22
86	Nanoconfinement crystallization of frustrated alkyl groups: crossover of mesophase to crystalline structure. <i>Chemical Communications</i> , 2011, 47, 3825.	4.1	22
87	Graphene oxide-enhanced sol-gel transition sensitivity and drug release performance of an amphiphilic copolymer-based nanocomposite. <i>Scientific Reports</i> , 2016, 6, 31815.	3.3	22
88	An investigation of how the texture surface of a fabric influences its instrumental color. <i>Color Research and Application</i> , 2015, 40, 472-482.	1.6	21
89	Evaluation of the quality of different D65 simulators for visual assessment. <i>Color Research and Application</i> , 2002, 27, 243-251.	1.6	20
90	Enhanced fluorescence and thermal sensitivity of polyethylenimine modified by Michael addition. <i>Polymer</i> , 2010, 51, 1845-1852.	3.8	20

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91	An unsupervised method for dominant colour region segmentation in yarn-dyed fabrics. <i>Coloration Technology</i> , 2013, 129, 389-397.	1.5	20
92	Visible light-active iron-doped anatase nanocrystallites and their self-cleaning property. <i>Thin Solid Films</i> , 2011, 519, 2438-2444.	1.8	19
93	Highly conjugated graphitic 3D carbon frameworks for supercapacitors with long cycling stability. <i>Carbon</i> , 2016, 109, 650-657.	10.3	19
94	Estimation of spectral reflectance of object surfaces with the consideration of perceptual color space. <i>Optics Letters</i> , 2007, 32, 96.	3.3	18
95	Schizophrenic copolymer from natural biopolymer by facile grafting. <i>Polymer</i> , 2010, 51, 890-896.	3.8	18
96	Monodisperse Organosilica Microcapsules with Functional Groups by Self-catalysis. <i>Chemistry Letters</i> , 2006, 35, 622-623.	1.3	17
97	Preparation of a novel cationic curcumin and its properties evaluation on cotton fabric. <i>Fibers and Polymers</i> , 2015, 16, 2426-2431.	2.1	17
98	Nature-Inspired Windmill for Water Collection in Complex Windy Environments. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17952-17959.	8.0	17
99	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.	5.0	16
100	A comparative study of the emotional assessment of automotive exterior colors in Asia. <i>Progress in Organic Coatings</i> , 2011, 72, 528-540.	3.9	15
101	Color prediction models for digital Jacquard woven fabrics. <i>Color Research and Application</i> , 2016, 41, 64-71.	1.6	15
102	Microgels for impact protection. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2345-2351.	2.6	14
103	A novel method for weft and warp yarn segmentation in multicolour yarn-dyed fabric images. <i>Coloration Technology</i> , 2015, 131, 165-171.	1.5	14
104	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.	7.8	14
105	Autofocus for multispectral camera using focus symmetry. <i>Applied Optics</i> , 2012, 51, 2616.	1.8	13
106	Channel selection for multispectral color imaging using binary differential evolution. <i>Applied Optics</i> , 2014, 53, 634.	1.8	13
107	One-Step Synthesis of Multifunctional Zinc Oxide Hybrid Carbon Nanowires by Chemical Fusion for Supercapacitors and Interfacial Water Marbles. <i>ChemNanoMat</i> , 2018, 4, 546-556.	2.8	13
108	A novel impact hardening polymer with negative Poisson's ratio for impact protection. <i>Materials Today Communications</i> , 2015, 5, 50-59.	1.9	12

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109	Computational model for color mapping on texture images. <i>Journal of Electronic Imaging</i> , 2003, 12, 697.	0.9	11
110	Self-Assembled Gold Nanoshells on Biodegradable Chitosan Fibers. <i>Biomacromolecules</i> , 2006, 7, 2719-2721.	5.4	11
111	Reversible thermochromic switching of fluorescent poly(vinylidene fluoride) composite containing bis(benzoxazolyl)stilbene dye. <i>Dyes and Pigments</i> , 2013, 99, 99-104.	3.7	11
112	An efficient method for solid-colour and multicolour region segmentation in real yarn-dyed fabric images. <i>Coloration Technology</i> , 2015, 131, 120-130.	1.5	11
113	Preparation of a Panoropic Mimic Diatom from a Silicon Compound. <i>Small</i> , 2007, 3, 1921-1926.	10.0	10
114	Bio-inspired colouration on various textile materials using a novel catechol colorant. <i>RSC Advances</i> , 2014, 4, 41081-41086.	3.6	10
115	Constructing safe and durable antibacterial textile surfaces using a robust graft-to strategy via covalent bond formation. <i>Scientific Reports</i> , 2016, 6, 36327.	3.3	10
116	Janus Fabric with Self-Propelled Directional Wetting Patterns Induced by Light and Temperature. <i>Advanced Engineering Materials</i> , 2018, 20, 1700905.	3.5	10
117	Fast Multispectral Imaging by Spatial Pixel-Binning and Spectral Unmixing. <i>IEEE Transactions on Image Processing</i> , 2016, 25, 3612-3625.	9.8	9
118	Total colour management in textiles. , 2006, , .		9
119	Charge-controllable mussel-inspired magnetic nanocomposites for selective dye adsorption and separation. <i>Chemosphere</i> , 2022, 300, 134404.	8.2	9
120	Further insight into aryl nitration of tetraphenylporphyrin. <i>Tetrahedron</i> , 2011, 67, 6030-6035.	1.9	8
121	A multispectral imaging approach to colour measurement and colour matching of single yarns without winding. <i>Coloration Technology</i> , 2015, 131, 342-351.	1.5	8
122	Three-dimensional color prediction modeling of single- and double-layered woven fabrics. <i>Color Research and Application</i> , 2018, 43, 130-141.	1.6	8
123	Accurate color synthesis of three-dimensional objects in an image. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2004, 21, 713.	1.5	7
124	In-situ growth of pine-needle-like tungsten oxide nanowire arrays on carbon nanofibers. <i>Materials Letters</i> , 2013, 99, 131-133.	2.6	7
125	Color appearance modeling of bicolor striped woven fabrics considering neighboring color effects. <i>Color Research and Application</i> , 2017, 42, 512-521.	1.6	7
126	Regioregular poly(3-alkylthiophenes): Synthesis, characterization, and application in conductive fabrics. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2131-2135.	2.6	6



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127	Transferring color between three-dimensional objects. <i>Applied Optics</i> , 2005, 44, 1969.	2.1	6
128	Correcting cross-media instrument metamerism for reflectance estimation in multispectral imaging. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2011, 28, 511.	1.5	5
129	Colour matching comparison between spectrophotometric and multispectral imaging measurements. <i>Coloration Technology</i> , 2016, 132, 17-27.	1.5	5
130	Bioinspired Superhydrophobic Surface Constructed from Hydrophilic Building Blocks: A Case Study of Core-Shell Polypyrrole-Coated Copper Nanoneedles. <i>Coatings</i> , 2020, 10, 347.	2.6	5
131	Neuro-perceptive discrimination on fabric tactile stimulation by Electroencephalographic (EEG) spectra. <i>PLoS ONE</i> , 2020, 15, e0241378.	2.5	5
132	Heteromolecular pigmentations of plant-derived catechol and their application on textiles. <i>Journal of Cleaner Production</i> , 2022, 332, 130010.	9.3	5
133	Numerical expression of color emotion and its application. , 2002, 4421, 409.		4
134	Spectral bidirectional texture function reconstruction by fusing multiple-color and spectral images. <i>Applied Optics</i> , 2016, 55, 10400.	2.1	4
135	Color specification of a single strand of yarn from a multispectral image. <i>Color Research and Application</i> , 2016, 41, 500-512.	1.6	4
136	Recoloring textile fabric images based on improved fuzzy clustering. <i>Color Research and Application</i> , 2017, 42, 115-123.	1.6	4
137	Analysis and synthesis of multicolored objects in a single image. <i>Optics Letters</i> , 2005, 30, 2378.	3.3	3
138	Adaptive characterization method for desktop color printers. <i>Journal of Electronic Imaging</i> , 2013, 22, 023012.	0.9	3
139	A Wet Route to Nanofiber-based Chitosan Sponges. <i>Chemistry Letters</i> , 2005, 34, 1640-1641.	1.3	2
140	Growing Nanoballoons and Nanotubes of Pure Polymer from a Microcapsule. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1882-1886.	3.9	2
141	Estimation of optoelectronic conversion functions of imaging devices without using gray samples. <i>Color Research and Application</i> , 2008, 33, 135-141.	1.6	2
142	Potential E-ink from polypyrrole complex nanospheres. <i>Materials Letters</i> , 2013, 111, 177-180.	2.6	2
143	Yarn Color Measurement and Reproduction by a Multispectral Imaging System. <i>Journal of Imaging Science and Technology</i> , 2015, 59, 030401-1-030401-8.	0.5	2
144	Automatic color pattern recognition of multispectral printed fabric images. <i>Journal of Intelligent Manufacturing</i> , 2023, 34, 2747-2763.	7.3	2

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145	Colour-appearance modeling using feedforward networks with Bayesian regularization method. Part II: Reverse model. Color Research and Application, 2002, 27, 116-121.	1.6	1
146	Dispersion and Modification of Carbon Nanotubes Using a Surface Gel-Sol Technique. Chemistry Letters, 2006, 35, 1258-1259.	1.3	1
147	Robust Hairy Microspheres and Derived Hairy Surfaces by an "Inside-Out" Wet Approach. Langmuir, 2010, 26, 1435-1439.	3.5	1
148	Lighting Deviation Correction for Integrating-Sphere Multispectral Imaging Systems. Sensors, 2019, 19, 3501.	3.8	1
149	Bidirectional texture function image super-resolution using singular value decomposition. Applied Optics, 2017, 56, 2745.	2.1	1
150	Comprehensive comparison between different mathematical models for inter-instrument agreement of reflectance spectrophotometers. , 2002, , .		0
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	Multispectral image compression by cluster-adaptive subspace representation. , 2010, , .		0
155	Interactive Sketch Design Recognition System Using Evolutionary Techniques. Research Journal of Textile and Apparel, 2014, 18, 89-103.	1.1	0
156	Bio-Inspired Coloration for Wool Fabrics at Room Temperature. Key Engineering Materials, 0, 671, 25-31.	0.4	0
157	Eliminating material dependency in spectra measurement via non-neighbouring band regression. Coloration Technology, 2016, 132, 186-192.	1.5	0
158	Environmentally Benign Biosynthesis of Hierarchical MOF/Bacterial Cellulose Composite Sponge for Nerve Agent Protection. Angewandte Chemie, 0, , .	2.0	0
159	Durable Moisture/Thermal Management Self-Adhesive Coating for Polyester Fabric. Materials Science Forum, 0, 1063, 203-208.	0.3	0