

Yanyi Huang

List of Publications by Year in descending order

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164
papers

9,755
citations

36303

51
h-index

40979

93
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184
all docs

184
docs citations

184
times ranked

14448
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-step fitness selection for intra-host variations in SARS-CoV-2. <i>Cell Reports</i> , 2022, 38, 110205.	6.4	38
2	Rare Earth Complexes with 5d ⁴ f Transition: New Emitters in Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2686-2694.	4.6	17
3	Optical Cell Tagging for Spatially Resolved Single-Cell RNA Sequencing. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202113929.	13.8	7
4	Low-frequency somatic copy number alterations in normal human lymphocytes revealed by large-scale single-cell whole-genome profiling. <i>Genome Research</i> , 2022, 32, 44-54.	5.5	4
5	Optical Cell Tagging for Spatially Resolved Single-Cell RNA Sequencing. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
6	Computational Identification of Preneoplastic Cells Displaying High Stemness and Risk of Cancer Progression. <i>Cancer Research</i> , 2022, 82, 2520-2537.	0.9	9
7	Microfluidic Platform for Time-Resolved Characterization of Protein Higher-Order Structures and Dynamics Using Top-Down Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 7520-7527.	6.5	5
8	Proteomic Analysis of Human Milk Reveals Nutritional and Immune Benefits in the Colostrum from Mothers with COVID-19. <i>Nutrients</i> , 2022, 14, 2513.	4.1	3
9	Histologically resolved multiomics enables precise molecular profiling of human intratumor heterogeneity. <i>PLoS Biology</i> , 2022, 20, e3001699.	5.6	6
10	Specific Redistribution of Severe Acute Respiratory Syndrome Coronavirus 2 Variants in the Respiratory System and Intestinal Tract. <i>Clinical Infectious Diseases</i> , 2021, 73, e2814-e2817.	5.8	6
11	A virtual sequencer reveals the dephasing patterns in error-correction code DNA sequencing. <i>National Science Review</i> , 2021, 8, nwaa227.	9.5	3
12	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
13	Rotational scan digital LAMP for accurate quantitation of nucleic acids. <i>Lab on A Chip</i> , 2021, 21, 2265-2271.	6.0	5
14	Live-Cell Imaging of NADPH Production from Specific Pathways. <i>CCS Chemistry</i> , 2021, 3, 1642-1648.	7.8	5
15	Copy number alteration profiling facilitates differential diagnosis between ossifying fibroma and fibrous dysplasia of the jaws. <i>International Journal of Oral Science</i> , 2021, 13, 21.	8.6	7
16	A body map of somatic mutagenesis in morphologically normal human tissues. <i>Nature</i> , 2021, 597, 398-403.	27.8	107
17	Improvement in the risk assessment of oral leukoplakia through morphology-related copy number analysis. <i>Science China Life Sciences</i> , 2021, 64, 1379-1391.	4.9	7
18	Dynamics of the Upper Respiratory Tract Microbiota and Its Association with Mortality in COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1379-1390.	5.6	46

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19	Lanthanide Cerium(III) Tris(pyrazolyl)borate Complexes: Efficient Blue Emitters for Doublet Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45686-45695.	8.0	33
20	Interfacial Nanoinjection-Based Nanoliter Single-Cell Analysis. <i>Small</i> , 2020, 16, e1903739.	10.0	9
21	Single-cell RNA sequencing reveals chemokine self-feeding of myeloma cells promotes extramedullary metastasis. <i>FEBS Letters</i> , 2020, 594, 452-465.	2.8	20
22	Three-dimensional digital PCR through light-sheet imaging of optically cleared emulsion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25628-25633.	7.1	28
23	Genomic surveillance of COVID-19 cases in Beijing. <i>Nature Communications</i> , 2020, 11, 5503.	12.8	26
24	Cold-chain food contamination as the possible origin of COVID-19 resurgence in Beijing. <i>National Science Review</i> , 2020, 7, 1861-1864.	9.5	175
25	Long-read individual-molecule sequencing reveals CRISPR-induced genetic heterogeneity in human ESCs. <i>Genome Biology</i> , 2020, 21, 213.	8.8	20
26	Enhancing KDM5A and TLR activity improves the response to immune checkpoint blockade. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	34
27	MINERVA: A Facile Strategy for SARS-CoV-2 Whole-Genome Deep Sequencing of Clinical Samples. <i>Molecular Cell</i> , 2020, 80, 1123-1134.e4.	9.7	13
28	Development of a Microfluidic Droplet-Based Microbioreactor for Microbial Cultivation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3630-3637.	5.2	14
29	Surfactant and oil formulations for monodisperse droplet emulsion PCR. <i>Lab on A Chip</i> , 2020, 20, 2328-2333.	6.0	10
30	A microfluidic approach for experimentally modelling the intercellular coupling system of a mammalian circadian clock at single-cell level. <i>Lab on A Chip</i> , 2020, 20, 1204-1211.	6.0	7
31	RNA sequencing by direct tagmentation of RNA/DNA hybrids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2886-2893.	7.1	86
32	High-throughput single-cell whole-genome amplification through centrifugal emulsification and eMDA. <i>Communications Biology</i> , 2019, 2, 147.	4.4	35
33	Genomic Heterogeneity and Branched Evolution of Early Stage Primary Acral Melanoma Shown by Multiregional Microdissection Sequencing. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1526-1534.	0.7	7
34	Reconstruction of Dynamic and Reversible Color Change using Reflectin Protein. <i>Scientific Reports</i> , 2019, 9, 5201.	3.3	9
35	Comparative Analysis of Droplet-Based Ultra-High-Throughput Single-Cell RNA-Seq Systems. <i>Molecular Cell</i> , 2019, 73, 130-142.e5.	9.7	283
36	Terminal transfer amplification and sequencing for high-efficiency and low-bias copy number profiling of fragmented DNA samples. <i>Protein and Cell</i> , 2019, 10, 229-233.	11.0	3

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37	Tagmentation on Microbeads: Restore Long-Range DNA Sequence Information Using Next Generation Sequencing with Library Prepared by Surface-Immobilized Transposomes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11539-11545.	8.0	8
38	Recent Developments in Single-Cell RNA-Seq of Microorganisms. <i>Biophysical Journal</i> , 2018, 115, 173-180.	0.5	35
39	From Mouth Pipetting to Microfluidics: The Evolution of Technologies for Picking Healthy Single Cells. <i>Advanced Biology</i> , 2018, 2, 1800099.	3.0	2
40	Chemoproteomics reveals baicalin activates hepatic CPT1 to ameliorate diet-induced obesity and hepatic steatosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5896-E5905.	7.1	201
41	Active droplet sorting in microfluidics: a review. <i>Lab on A Chip</i> , 2017, 17, 751-771.	6.0	250
42	Microfluidic Device for Studying Controllable Hydrodynamic Flow Induced Cellular Responses. <i>Analytical Chemistry</i> , 2017, 89, 3710-3715.	6.5	17
43	MR-seq: measuring a single cell's transcriptome repeatedly by RNA-seq. <i>Science Bulletin</i> , 2017, 62, 391-398.	9.0	8
44	Single-Cell-Based Platform for Copy Number Variation Profiling through Digital Counting of Amplified Genomic DNA Fragments. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13958-13964.	8.0	4
45	Single-Cell Transcriptional Analysis. <i>Annual Review of Analytical Chemistry</i> , 2017, 10, 439-462.	5.4	93
46	Centrifugal micro-channel array droplet generation for highly parallel digital PCR. <i>Lab on A Chip</i> , 2017, 17, 235-240.	6.0	136
47	Lipid nanoparticle-mediated efficient delivery of CRISPR/Cas9 for tumor therapy. <i>NPG Asia Materials</i> , 2017, 9, e441-e441.	7.9	132
48	Conjugated Polymer with Intrinsic Alkyne Units for Synergistically Enhanced Raman Imaging in Living Cells. <i>Angewandte Chemie</i> , 2017, 129, 13640-13643.	2.0	10
49	Conjugated Polymer with Intrinsic Alkyne Units for Synergistically Enhanced Raman Imaging in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13455-13458.	13.8	78
50	Label-Free Transient Absorption Microscopy for Red Blood Cell Flow Velocity Measurement <i>in Vivo</i> . <i>Analytical Chemistry</i> , 2017, 89, 10120-10123.	6.5	9
51	Editorial overview: Molecular imaging for seeing chemistry in biology. <i>Current Opinion in Chemical Biology</i> , 2017, 39, iv-v.	6.1	1
52	Highly accurate fluorogenic DNA sequencing with information theory-based error correction. <i>Nature Biotechnology</i> , 2017, 35, 1170-1178.	17.5	28
53	Digital PCR: Endless Frontier of "Divide and Conquer". <i>Micromachines</i> , 2017, 8, 231.	2.9	19
54	Label-Free Digital Quantification of Lipid Droplets in Single Cells by Stimulated Raman Microscopy on a Microfluidic Platform. <i>Analytical Chemistry</i> , 2016, 88, 4931-4939.	6.5	47

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55	Spinning micropipette liquid emulsion generator for single cell whole genome amplification. Lab on A Chip, 2016, 16, 4512-4516.	6.0	31
56	Emerging Investigators 2016: discovery science meets technology. Lab on A Chip, 2016, 16, 2974-2976.	6.0	0
57	Phenotype classification of single cells using SRS microscopy, RNA sequencing, and microfluidics (Conference Presentation). , 2016, , .		0
58	Single Cell Total RNA Sequencing through Isothermal Amplification in Picoliter-Droplet Emulsion. Analytical Chemistry, 2016, 88, 10795-10799.	6.5	25
59	Tracing the expression of circular RNAs in human pre-implantation embryos. Genome Biology, 2016, 17, 130.	8.8	140
60	Single-cell triple omics sequencing reveals genetic, epigenetic, and transcriptomic heterogeneity in hepatocellular carcinomas. Cell Research, 2016, 26, 304-319.	12.0	492
61	A microfluidic live cell assay to study anthrax toxin induced cell lethality assisted by conditioned medium. Scientific Reports, 2015, 5, 8651.	3.3	4
62	Transient Absorption: A New Modality for Microscopic Imaging of Nanomaterials in Living Cells. Small, 2015, 11, 4998-5003.	10.0	5
63	Remodeling of Mitochondrial Flashes in Muscular Development and Dystrophy in Zebrafish. PLoS ONE, 2015, 10, e0132567.	2.5	35
64	Upregulation of MG53 Induces Diabetic Cardiomyopathy Through Transcriptional Activation of Peroxisome Proliferation-Activated Receptor α . Circulation, 2015, 131, 795-804.	1.6	120
65	H3K4me3 epigenomic landscape derived from ChIP-Seq of 1 000 mouse early embryonic cells. Cell Research, 2015, 25, 143-147.	12.0	19
66	Single-cell RNA-seq transcriptome analysis of linear and circular RNAs in mouse preimplantation embryos. Genome Biology, 2015, 16, 148.	9.6	369
67	A valve-less microfluidic peristaltic pumping method. Biomicrofluidics, 2015, 9, 014118.	2.4	35
68	Fluorogenic Sequencing Using Halogen-Fluorescein-Labeled Nucleotides. ChemBioChem, 2015, 16, 1153-1157.	2.6	9
69	Genome-scale detection of hypermethylated CpG islands in circulating cell-free DNA of hepatocellular carcinoma patients. Cell Research, 2015, 25, 1250-1264.	12.0	110
70	Uniform and accurate single-cell sequencing based on emulsion whole-genome amplification. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11923-11928.	7.1	191
71	Design, preparation, and selection of DNA-encoded dynamic libraries. Chemical Science, 2015, 6, 7097-7104.	7.4	60
72	Identification of kinship and occupant status in Mongolian noble burials of the Yuan Dynasty through a multidisciplinary approach. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130378.	4.0	22

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73	Selection of DNA-Encoded Small Molecule Libraries Against Unmodified and Non-Immobilized Protein Targets. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10056-10059.	13.8	83
74	Titelbild: Selection of DNA-Encoded Small Molecule Libraries Against Unmodified and Non-Immobilized Protein Targets (<i>Angew. Chem.</i> 38/2014). <i>Angewandte Chemie</i> , 2014, 126, 10123-10123.	2.0	0
75	Selection of DNA-Encoded Small Molecule Libraries Against Unmodified and Non-Immobilized Protein Targets. <i>Angewandte Chemie</i> , 2014, 126, 10220-10223.	2.0	17
76	High-throughput screening of a CRISPR/Cas9 library for functional genomics in human cells. <i>Nature</i> , 2014, 509, 487-491.	27.8	648
77	Microfluidics for biological measurements with single-molecule resolution. <i>Current Opinion in Biotechnology</i> , 2014, 25, 69-77.	6.6	83
78	Fish in chips: an automated microfluidic device to study drug dynamics in vivo using zebrafish embryos. <i>Chemical Communications</i> , 2014, 50, 981-984.	4.1	13
79	A DNA-templated synthesis of encoded small molecules by DNA self-assembly. <i>Chemical Communications</i> , 2014, 50, 10997-10999.	4.1	30
80	Emerging investigators: new challenges spawn new innovations. <i>Lab on A Chip</i> , 2014, 14, 2599.	6.0	1
81	Transient absorption microscopy of gold nanorods as spectrally orthogonal labels in live cells. <i>Nanoscale</i> , 2014, 6, 10536-10539.	5.6	18
82	Microfluidic Whole Genome Amplification Device for Single Cell Sequencing. <i>Analytical Chemistry</i> , 2014, 86, 9386-9390.	6.5	62
83	Liposomes Physically Coated with Peptides: Preparation and Characterization. <i>Langmuir</i> , 2014, 30, 6219-6227.	3.5	14
84	Imaging without Fluorescence: Nonlinear Optical Microscopy for Quantitative Cellular Imaging. <i>Analytical Chemistry</i> , 2014, 86, 8506-8513.	6.5	56
85	How deep is enough in single-cell RNA-seq?. <i>Nature Biotechnology</i> , 2014, 32, 1005-1006.	17.5	29
86	Microfluidic single-cell whole-transcriptome sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7048-7053.	7.1	259
87	Live-Cell Stimulated Raman Scattering Imaging of Alkyne-Tagged Biomolecules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5827-5831.	13.8	169
88	WormFarm: a quantitative control and measurement device toward automated <i>Caenorhabditis elegans</i> aging analysis. <i>Aging Cell</i> , 2013, 12, 398-409.	6.7	90
89	Optical imaging of non-fluorescent nanodiamonds in live cells using transient absorption microscopy. <i>Nanoscale</i> , 2013, 5, 4701.	5.6	26
90	Chip in a lab: Microfluidics for next generation life science research. <i>Biomicrofluidics</i> , 2013, 7, 11302.	2.4	142

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91	High dynamic range optical projection tomography (HDR-OPT). Optics Express, 2012, 20, 8824.	3.4	26
92	Coherent Raman scattering microscopy for label-free imaging of live amphioxus. Proceedings of SPIE, 2012, , .	0.8	0
93	Live cell imaging analysis of the epigenetic regulation of the human endothelial cell migration at single-cell resolution. Lab on A Chip, 2012, 12, 3063.	6.0	16
94	A high-throughput imaging system to quantitatively analyze the growth dynamics of plant seedlings. Integrative Biology (United Kingdom), 2012, 4, 945.	1.3	12
95	Label-free chemical imaging in vivo: three-dimensional non-invasive microscopic observation of amphioxus notochord through stimulated Raman scattering (SRS). Chemical Science, 2012, 3, 2646.	7.4	26
96	An integrated chip for immunofluorescence and its application to analyze lysosomal storage disorders. Lab on A Chip, 2012, 12, 317-324.	6.0	25
97	Digital Polymerase Chain Reaction in an Array of Femtoliter Polydimethylsiloxane Microreactors. Analytical Chemistry, 2012, 84, 4262-4266.	6.5	83
98	Openly Accessible Microfluidic Liquid Handlers for Automated High-Throughput Nanoliter Cell Culture. Analytical Chemistry, 2012, 84, 2576-2584.	6.5	15
99	High-throughput immunoassay through in-channel microfluidic patterning. Lab on A Chip, 2012, 12, 2487.	6.0	47
100	Quantitative Study of the Dynamic Tumor-Endothelial Cell Interactions through an Integrated Microfluidic Coculture System. Analytical Chemistry, 2012, 84, 2088-2093.	6.5	68
101	Squeeze-chip: a finger-controlled microfluidic flow network device and its application to biochemical assays. Lab on A Chip, 2012, 12, 1587.	6.0	83
102	A compact optofluidic cytometer with integrated liquid-core/PDMS-cladding waveguides. Lab on A Chip, 2012, 12, 3700.	6.0	43
103	An integrated microfluidic device for long-term culture of isolated single mammalian cells. Science China Chemistry, 2012, 55, 502-507.	8.2	13
104	Discretely tunable optofluidic compound microlenses. Lab on A Chip, 2011, 11, 2835.	6.0	55
105	Domain-Specific Folding Kinetics of Staphylococcal Nuclease Observed through Single-Molecule FRET in a Microfluidic Mixer. ChemPhysChem, 2011, 12, 3515-3518.	2.1	6
106	Genome-wide functional screening of miR-23b as a pleiotropic modulator suppressing cancer metastasis. Nature Communications, 2011, 2, 554.	12.8	172
107	Dielectrophoretic addressable deposition of arc-SWCNTs for high-throughput screening FET arrays. , 2010, , .		0
108	Ramification amplification-based microfluidic system for MicroRNA detection. , 2010, , .		0

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109	Chemical approaches for mimicking logic functions within fluorescent MPT dyes. <i>Science in China Series B: Chemistry</i> , 2009, 52, 700-714.	0.8	8
110	A chip-to-chip nanoliter microfluidic dispenser. <i>Lab on A Chip</i> , 2009, 9, 1831.	6.0	38
111	Measuring Rapid Enzymatic Kinetics by Electrochemical Method in Droplet-Based Microfluidic Devices with Pneumatic Valves. <i>Analytical Chemistry</i> , 2009, 81, 5840-5845.	6.5	128
112	Piezoelectric Potential Gated Field-Effect Transistor Based on a Free-Standing ZnO Wire. <i>Nano Letters</i> , 2009, 9, 3435-3439.	9.1	132
113	Investigation of the interactions between silver nanoparticles and Hela cells by scanning electrochemical microscopy. <i>Analyst, The</i> , 2008, 133, 1221.	3.5	34
114	Solvent resistant microfluidic DNA synthesizer. <i>Lab on A Chip</i> , 2007, 7, 24-26.	6.0	99
115	A Facile Method for Permanent and Functional Surface Modification of Poly(dimethylsiloxane). <i>Journal of the American Chemical Society</i> , 2007, 129, 7226-7227.	13.7	101
116	Integration of a multimode interference coupler with a corrugated sidewall Bragg grating in planar polymer waveguides. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 740-742.	2.5	10
117	Transmission characteristics of a Fabry-Perot etalon-microtoroid resonator coupled system. <i>Optics Letters</i> , 2006, 31, 510.	3.3	56
118	Modification of spontaneous emission in Bragg onion resonators. <i>Optics Express</i> , 2006, 14, 7398.	3.4	9
119	Photoelectric conversion property of a photoresponsive D- π -A dye containing both NN and CHCH bonds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 275, 92-98.	4.7	0
120	Spiro-oxazine photochromic fiber optical switch. <i>Applied Physics Letters</i> , 2006, 88, 181102.	3.3	20
121	All-organic and organic-silicon photonic ring micro-resonators. , 2005, , .		2
122	Combined electromagnetic and photoreaction modeling of CLD-1 photobleaching in polymer microring resonators. <i>Applied Physics Letters</i> , 2005, 87, 071108.	3.3	8
123	Tunable transmission filters based on corrugated sidewall Bragg gratings in polymer waveguides. , 2005, , .		0
124	Functional micro-structured optical fibers. , 2005, 5733, 222.		0
125	Integrated microfluidic variable optical attenuator. <i>Optics Express</i> , 2005, 13, 9916.	3.4	33
126	Highly sensitive fiber Bragg grating refractive index sensors. <i>Applied Physics Letters</i> , 2005, 86, 151122.	3.3	552

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127	Soft lithography molding of polymer integrated optical devices: Reduction of the background residue. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 1764.	1.6	17
128	Bottom-up soft-lithographic fabrication of three-dimensional multilayer polymer integrated optical microdevices. Applied Physics Letters, 2004, 85, 3005-3007.	3.3	15
129	The Effect of Different Neutral Ligands on Photoluminescence and Electroluminescence Properties of Ternary Terbium Complexes. Journal of Physical Chemistry B, 2004, 108, 10796-10800.	2.6	103
130	Demonstration of Flexible Freestanding All-Polymer Integrated Optical Ring Resonator Devices. Advanced Materials, 2004, 16, 44-48.	21.0	16
131	Replica-molded electro-optic polymer Mach-Zehnder modulator. Applied Physics Letters, 2004, 85, 1662-1664.	3.3	72
132	Fabrication of functional microstructured optical fibers through a selective-filling technique. Applied Physics Letters, 2004, 85, 5182-5184.	3.3	281
133	Soft Lithography Replica Molding of Critically Coupled Polymer Microring Resonators. IEEE Photonics Technology Letters, 2004, 16, 2496-2498.	2.5	59
134	Fabrication and Replication of Polymer Integrated Optical Devices Using Electron-Beam Lithography and Soft Lithography. Journal of Physical Chemistry B, 2004, 108, 8606-8613.	2.6	115
135	Matrix analysis of microring coupled-resonator optical waveguides. Optics Express, 2004, 12, 90.	3.4	386
136	Mie scattering analysis of spherical Bragg "onion" resonators. Optics Express, 2004, 12, 657.	3.4	27
137	Ultra-large bandwidth hollow-core guiding in all-silica Bragg fibers with nano-supports. Optics Express, 2004, 12, 3500.	3.4	115
138	Polymeric multi-channel bandpass filters in phase-shifted Bragg waveguide gratings by direct electron beam writing. Optics Express, 2004, 12, 6372.	3.4	17
139	Wide-range tuning of polymer microring resonators by the photobleaching of CLD-1 chromophores. Optics Letters, 2004, 29, 2584.	3.3	35
140	Bragg onion resonators with omnidirectional reflector cladding. , 2004, , .		0
141	Large and ultrafast third-order optical nonlinearity of heteroleptic triple-decker (phthalocyaninato)(porphyrinato)Sm(III) complexes. Chemical Physics Letters, 2003, 374, 639-644.	2.6	41
142	Chain-length dependence of photoelectric conversion from a porphyrin monolayer modified electrode. Optical Materials, 2003, 21, 467-473.	3.6	7
143	Structure and photoelectrochemical properties of ruthenium(II) polypyridyl complexes as sensitizers for nanocrystalline TiO ₂ electrodes. Solar Energy Materials and Solar Cells, 2003, 77, 319-330.	6.2	7
144	Soft lithography replication of polymeric microring optical resonators. Optics Express, 2003, 11, 2452.	3.4	56

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145	Polymeric Mach-Zehnder interferometer using serially coupled microring resonators. <i>Optics Express</i> , 2003, 11, 2666.	3.4	75
146	Free-standing all-polymer microring resonator optical filter. <i>Electronics Letters</i> , 2003, 39, 1650.	1.0	34
147	Photophysical Studies on the Mono- and Dichromophoric Hemicyanine Dyes I. Photoelectric Conversion from the Dye Modified ITO Electrodes. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10020-10030.	2.6	42
148	Photophysical Studies on the Mono- and Dichromophoric Hemicyanine Dyes III. Ultrafast Fluorescence Up-conversion in Methanol: A Twisting Intramolecular Charge Transfer and a Two-State Three-Mode Model. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10041-10050.	2.6	48
149	Enhanced Energy Conversion Efficiency of the Sr ²⁺ -Modified Nanoporous TiO ₂ Electrode Sensitized with a Ruthenium Complex. <i>Chemistry of Materials</i> , 2002, 14, 1500-1504.	6.7	60
150	Photophysical Studies on the Mono- and Dichromophoric Hemicyanine Dyes II. Solvent Effects and Dynamic Fluorescence Spectra Study in Chloroform and in LB Films. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10031-10040.	2.6	98
151	Effect of peripheral ligands on the optical limiting property of homoleptic sandwich-type rare earth metal diphthalocyanines. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 75, 497-500.	2.3	10
152	Investigation of Polymer-Cushioned Phospholipid Bilayers in the Solid Phase by Atomic Force Microscopy. <i>Langmuir</i> , 2001, 17, 4074-4080.	3.5	21
153	Anomalous heavy atom effect on optical limiting property of homoleptic double-decked sandwich-type lanthanide diphthalocyanines. <i>Optics Communications</i> , 2001, 197, 83-87.	2.1	25
154	Multifunctional molecular materials combining photoelectric conversion and second-order optical nonlinearities in LB monolayer films. <i>Applied Surface Science</i> , 2000, 161, 178-186.	6.1	3
155	Photosensitization of ITO and nanocrystalline TiO ₂ electrode with a hemicyanine derivative. <i>Synthetic Metals</i> , 2000, 114, 201-207.	3.9	60
156	Aggregation and Self-Organization of a Chromophore-Labeled Double-Chain Amphiphile. <i>Langmuir</i> , 2000, 16, 3651-3659.	3.5	9
157	Phase transition of lipid-like monolayer characterized by second harmonic generation. <i>Science in China Series B: Chemistry</i> , 1999, 42, 210-216.	0.8	2
158	Microcavity Effect from a Novel Terbium Complex Langmuir-Blodgett Film. <i>Advanced Materials</i> , 1999, 11, 627-629.	21.0	21
159	Photoelectric Generation and Second-Order Nonlinear Optical Characters of the Dichromophore Dye Molecules. <i>Journal of Physical Chemistry B</i> , 1999, 103, 7130-7134.	2.6	29
160	Langmuir-Blodgett Film Formation of a Fullerene Dicarboxylic Acid Derivative C ₆₀ (HOOCCHNH ₂ CHCOOH) and its Photocurrent Generation. <i>Journal of Colloid and Interface Science</i> , 1998, 204, 277-283.	9.4	13
161	Substituent and solvent effects on photoexcited states of functionalized fullerene [60]. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 527-532.	1.7	129
162	Langmuir-Blodgett film formation and photocurrent generation of a C ₆₀ pyrrolidine derivative C ₆₀ (C ₈ H ₁₅ NO ₂). <i>Supramolecular Science</i> , 1998, 5, 457-460.	0.7	7

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163	Planar organic microcavity of rare-earth Tb complex film with metal mirrors. , 1998, , .		0
164	Investigation of the Photoelectrochemistry of C60and Its Pyrrolidine Derivatives by Monolayer-Modified SnO2Electrodes. The Journal of Physical Chemistry, 1996, 100, 16685-16689.	2.9	47