

# Bing Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134  
papers

4,724  
citations

30  
h-index

65  
g-index

139  
ext. papers

5,689  
ext. citations

5.4  
avg, IF

5.91  
L-index

#	Paper	IF	Citations
134	1.3kV Vertical GaN-Based Trench MOSFETs on 4-Inch Free Standing GaN Wafer.. <i>Nanoscale Research Letters</i> , <b>2022</b> , 17, 14	5	1
133	Optimization and evaluation of resveratrol amorphous solid dispersions with a novel polymeric system. <i>Mathematical Biosciences and Engineering</i> , <b>2022</b> , 19, 8019-8034	2.1	
132	Biological functions of NLRP3 inflammasome: A therapeutic target in inflammatory bowel disease. <i>Cytokine and Growth Factor Reviews</i> , <b>2021</b> , 60, 61-75	17.9	9
131	Macrophage polarization: an effective approach to targeted therapy of inflammatory bowel disease. <i>Expert Opinion on Therapeutic Targets</i> , <b>2021</b> , 25, 191-209	6.4	5
130	An Insightful Picture of Nonlinear Photonics in 2D Materials and their Applications: Recent Advances and Future Prospects. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001671	8.1	2
129	Using Liposomes to Alleviate the Toxicity of Chelerythrine, a Natural PKC Inhibitor, in Treating Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 658543	5.3	0
128	Property Regulation of Conjugated Oligoelectrolytes with Polyisocyanide to Achieve Efficient Photodynamic Antibacterial Biomimetic Hydrogels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 27955-27962	9.5	4
127	Graphdiyne as a saturable absorber for 2- $\mu$ m all-solid-state Q-switched laser. <i>Science China Materials</i> , <b>2021</b> , 64, 683-690	7.1	6
126	Legacy effect of grazing intensity mediates the bottom-up controls of resource addition on soil food webs. <i>Journal of Applied Ecology</i> , <b>2021</b> , 58, 976-987	5.8	3
125	A five-dimensional data collection strategy for multicomponent discovery and characterization in Traditional Chinese Medicine: Gastrodia Rhizoma as a case study. <i>Journal of Chromatography A</i> , <b>2021</b> , 1653, 462405	4.5	6
124	Exploration of the potential mechanism of Banxia Xiexin Decoction for the effects on TNBS-induced ulcerative colitis rats with the assistance of network pharmacology analysis. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 277, 114197	5	7
123	Recent advances in the development of nanomedicines for the treatment of ischemic stroke. <i>Bioactive Materials</i> , <b>2021</b> , 6, 2854-2869	16.7	13
122	Combating liver cancer through GO-targeted biomaterials. <i>Biomedical Materials (Bristol)</i> , <b>2021</b> , 16,	3.5	3
121	Remodeling immune microenvironment in periodontitis using resveratrol liposomes as an antibiotic-free therapeutic strategy.. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 429	9.4	1
120	Patchouli Alcohol: a Natural Sesquiterpene Against Both Inflammation and Intestinal Barrier Damage of Ulcerative Colitis. <i>Inflammation</i> , <b>2020</b> , 43, 1423-1435	5.1	4
119	Synthesis Techniques, Optoelectronic Properties, and Broadband Photodetection of Thin-Film Black Phosphorus. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000045	8.1	18
118	Male granulomatous mastitis with hidradenitis suppurativa, a rarely encountered disorder. <i>Breast Journal</i> , <b>2020</b> , 26, 2058-2059	1.2	1

117	Progress in the therapeutic applications of polymer-decorated black phosphorus and black phosphorus analog nanomaterials in biomedicine. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 7076-7120	7.3	25
116	A potential drug combination of omeprazole and patchouli alcohol significantly normalizes oxidative stress and inflammatory responses against gastric ulcer in ethanol-induced rat model. <i>International Immunopharmacology</i> , <b>2020</b> , 85, 106660	5.8	13
115	Present advances and perspectives of broadband photo-detectors based on emerging 2D-Xenes beyond graphene. <i>Nano Research</i> , <b>2020</b> , 13, 891-918	10	27
114	Recent progress in high-performance photo-detectors enabled by the pulsed laser deposition technology. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 4988-5014	7.1	11
113	Black phosphorus-based van der Waals heterostructures for mid-infrared light-emission applications. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 114	16.7	51
112	Effects of Paeonol and Gastroretention Tablets of Paeonol on Experimental Gastric Ulcers and Intestinal Flora in Rats. <i>Inflammation</i> , <b>2020</b> , 43, 2178-2190	5.1	6
111	Applications of Fourier transform infrared spectroscopy to pharmaceutical preparations. <i>Expert Opinion on Drug Delivery</i> , <b>2020</b> , 17, 551-571	8	6
110	Macrophage-based nanotherapeutic strategies in ulcerative colitis. <i>Journal of Controlled Release</i> , <b>2020</b> , 320, 363-380	11.7	34
109	Lactoferrin-mediated macrophage targeting delivery and patchouli alcohol-based therapeutic strategy for inflammatory bowel diseases. <i>Acta Pharmaceutica Sinica B</i> , <b>2020</b> , 10, 1966-1976	15.5	20
108	Two-dimensional monoelemental germanene nanosheets: facile preparation and optoelectronic applications. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 16318-16325	7.1	4
107	Recent development and advances in Photodetectors based on two-dimensional topological insulators. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 15526-15574	7.1	14
106	Recent advances of two-dimensional materials in smart drug delivery nano-systems. <i>Bioactive Materials</i> , <b>2020</b> , 5, 1071-1086	16.7	66
105	Novel economical three-stage slug bubbling process in a large-scale flat-sheet membrane bioreactor of double deck configuration. <i>AIChE Journal</i> , <b>2020</b> , 66, e16501	3.6	2
104	Curcumin Suppresses Cell Proliferation, Migration, and Invasion Through Modulating miR-21-5p/ Axis in Hepatocellular Carcinoma. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , <b>2020</b> ,	3.9	7
103	MDMX phosphorylation-dependent p53 downregulation contributes to an immunosuppressive tumor microenvironment. <i>Journal of Molecular Cell Biology</i> , <b>2020</b> , 12, 713-722	6.3	3
102	The MDM2/MDMX/p53 axis in the adaptive stress response.. <i>Translational Cancer Research</i> , <b>2020</b> , 9, 1993-1997	3.5	0
101	Liquid-phase exfoliation of black sesame to create a nanoplatfrom for photoluminescence and photothermal therapy. <i>Nanomedicine</i> , <b>2020</b> , 15, 2041-2052	5.6	1
100	Analytical methods for amino acid determination in organisms. <i>Amino Acids</i> , <b>2020</b> , 52, 1071-1088	3.5	8

99	Remodeling tumor immune microenvironment (TIME) for glioma therapy using multi-targeting liposomal codelivery <b>2020</b> , 8,		20
98	Antitumor, Antiviral, and Anti-Inflammatory Efficacy of Essential Oils from Koidz. Produced with Different Processing Methods. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
97	Progress in active compounds effective on ulcerative colitis from Chinese medicines. <i>Chinese Journal of Natural Medicines</i> , <b>2019</b> , 17, 81-102	2.8	24
96	Chemical Composition and Protective Effect of Dichloromethane Extract From Piper nigrum and P. longum on the OGD Model. <i>Chemistry of Natural Compounds</i> , <b>2019</b> , 55, 178-182	0.7	2
95	Photocatalytic decarboxylative alkylations mediated by triphenylphosphine and sodium iodide. <i>Science</i> , <b>2019</b> , 363, 1429-1434	33.3	319
94	Analytical methods and biological activities of Panax notoginseng saponins: Recent trends. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 236, 443-465	5	64
93	A review on analytical methods for natural berberine alkaloids. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 1794-1815	3.4	14
92	Fast and non-derivative method based on high-performance liquid chromatography-charged aerosol detection for the determination of fatty acids from (Fisch. et Mey.) O. Ktze. seeds. <i>Natural Product Research</i> , <b>2019</b> , 33, 1969-1974	2.3	2
91	Resveratrol solid lipid nanoparticles to trigger credible inhibition of doxorubicin cardiotoxicity. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 6061-6071	7.3	26
90	Neuroprotective Effects of Ginseng Phytochemicals: Recent Perspectives. <i>Molecules</i> , <b>2019</b> , 24,	4.8	33
89	Blume Polysaccharides: A Review of Their Acquisition, Analysis, Modification, and Pharmacological Activities. <i>Molecules</i> , <b>2019</b> , 24,	4.8	21
88	UV-Visible Photodetector Based on I-type Heterostructure of ZnO-QDs/Monolayer MoS. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 364	5	30
87	Quantitative Analysis of Artemisinin Derivatives: Applications and Techniques. <i>Separation and Purification Reviews</i> , <b>2019</b> , 48, 242-266	7.3	
86	Neuroprotective Effect of Dichloromethane Extraction From Piper nigrum L. and Piper longum L. on Permanent Focal Cerebral Ischemia Injury in Rats. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2019</b> , 28, 751-760	2.8	11
85	TGF- $\beta$ -PML SUMOylation-peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (Pin1) form a positive feedback loop to regulate cardiac fibrosis. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 6263-6273	7	13
84	Potential therapeutic effects of and on adenine-induced chronic renal failure in rats and their phytochemical analysis. <i>Drug Design, Development and Therapy</i> , <b>2019</b> , 13, 103-117	4.4	16
83	Pharmacological inhibition of SUMO-1 with ginkgolic acid alleviates cardiac fibrosis induced by myocardial infarction in mice. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 345, 1-9	4.6	16
82	Computational hydrodynamic comparison of a mini vessel and a USP 2 dissolution testing system to predict the dynamic operating conditions for similarity of dissolution performance. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 539, 112-130	6.5	6

81	Beneficial anti-inflammatory effect of paeonol self-microemulsion-loaded colon-specific capsules on experimental ulcerative colitis rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 324-335	6.1	16
80	Characterization of porcine milk oligosaccharides over lactation between primiparous and multiparous female pigs. <i>Scientific Reports</i> , <b>2018</b> , 8, 4688	4.9	16
79	Techniques for the analysis of pentacyclic triterpenoids in medicinal plants. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 6-19	3.4	20
78	Advances in Pharmaceutical Strategies Enhancing the Efficiencies of Oral Colon-Targeted Delivery Systems in Inflammatory Bowel Disease. <i>Molecules</i> , <b>2018</b> , 23,	4.8	27
77	Mechanistic insights into the ruthenium-catalyzed site-selective oxidation of alcohols. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 2473-2478	5.2	4
76	Enhanced gastric therapeutic effects of oil and its gastroretentive drug delivery system compared to commercial products in pharmacokinetics study. <i>Drug Design, Development and Therapy</i> , <b>2018</b> , 12, 535-544	4.4	8
75	Chemical Profile and Anti-inflammatory Activity of Total Flavonoids from Fisch. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2018</b> , 17, 726-734	1.1	16
74	Formulation development and evaluation of gastroretentive floating beads with Brucea javanica oil using ionotropic gelation technology. <i>Chinese Journal of Natural Medicines</i> , <b>2018</b> , 16, 293-301	2.8	5
73	Essential oils and ethanol extract from and evaluation of their biological activity. <i>Journal of Food Science and Technology</i> , <b>2018</b> , 55, 5075-5081	3.3	8
72	Neuroprotective Effect of Anethole Against Neuropathic Pain Induced by Chronic Constriction Injury of the Sciatic Nerve in Mice. <i>Neurochemical Research</i> , <b>2018</b> , 43, 2404-2422	4.6	13
71	Chemical Fingerprinting and Quantification of Chinese Cinnamomi Cortex by Ultra High Performance Liquid Chromatography Coupled with Chemometrics Methods. <i>Molecules</i> , <b>2018</b> , 23,	4.8	5
70	pH-sensitive and biocompatible quercetin-loaded GO-PEA-HA carrier improved antitumour efficiency and specificity. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, S28-S37	6.1	6
69	Report: Regional variation in the chemical composition and antioxidant activity of Rosmarinus officinalis L. from China and the Mediterranean region. <i>Pakistan Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 31, 221-229	0.4	3
68	Rabi Oscillations of Plasmonic Supermodes in Graphene Multilayer Arrays. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2017</b> , 23, 125-129	3.8	26
67	Two Distinct $\beta$ -Arabinofuranosidases in Caldicellulosiruptor Species Drive Degradation of Arabinose-Based Polysaccharides. <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	9
66	Serum microRNAs as Early Indicators for Estimation of Exposure Degree in Response to Ionizing Irradiation. <i>Radiation Research</i> , <b>2017</b> , 188, 342-354	3.1	14
65	Surface Plasmonic Lattice Solitons in Semi-Infinite Graphene Sheet Arrays. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 2960-2965	4	34
64	Optical bistability in defective photonic multilayers doped by graphene. <i>Optical and Quantum Electronics</i> , <b>2017</b> , 49, 1	2.4	44

63	Comparison of different methods for extraction of Cinnamomi ramulus: yield, chemical composition and in vitro antiviral activities. <i>Natural Product Research</i> , <b>2017</b> , 31, 2909-2913	2.3	8
62	Advanced review of graphene-based nanomaterials in drug delivery systems: Synthesis, modification, toxicity and application. <i>Materials Science and Engineering C</i> , <b>2017</b> , 77, 1363-1375	8.3	142
61	Numerical Study on Plasmonic Absorption Enhancement by a Rippled Graphene Sheet. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 320-324	4	46
60	Advances in extraction and analysis of phenolic compounds from plant materials. <i>Chinese Journal of Natural Medicines</i> , <b>2017</b> , 15, 721-731	2.8	56
59	Mechanistic Study on Nickel-Catalyzed Silylation of Aryl Methyl Ethers. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 17249-17256	4.8	17
58	Neuroprotective effect of liquiritin against neuropathic pain induced by chronic constriction injury of the sciatic nerve in mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 95, 186-198	7.5	27
57	miR-300 regulates cellular radiosensitivity through targeting p53 and apaf1 in human lung cancer cells. <i>Cell Cycle</i> , <b>2017</b> , 16, 1943-1953	4.7	18
56	Topological mode switching in a graphene doublet with exceptional points. <i>Optical and Quantum Electronics</i> , <b>2017</b> , 49, 1	2.4	27
55	Study on the physicochemical properties and anti-inflammatory effects of paeonol in rats with TNBS-induced ulcerative colitis. <i>International Immunopharmacology</i> , <b>2017</b> , 42, 32-38	5.8	43
54	Comparison of critical methods developed for fatty acid analysis: A review. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 288-298	3.4	22
53	Evaluate the ability of PVP to inhibit crystallization of amorphous solid dispersions by density functional theory and experimental verify. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 96, 45-52	5.1	33
52	Formulation Optimization of Gastro-Retention Tablets of Paeonol and Efficacy in Treatment of Experimental Gastric Ulcer. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2017</b> , 65, 706-713	1.9	6
51	Asymmetric plasmonic supermodes in nonlinear graphene multilayers. <i>Optics Express</i> , <b>2017</b> , 25, 1234-1243	3.5	10
50	Topological edge modes in non-Hermitian plasmonic waveguide arrays. <i>Optics Express</i> , <b>2017</b> , 25, 11132-11143	3.43	34
49	Surface vector plasmonic lattice solitons in semi-infinite graphene-pair arrays. <i>Optics Express</i> , <b>2017</b> , 25, 20708-20717	3.3	4
48	Optimization of Ultrasonic-assisted Extraction of Fatty Acids in Seeds of <i>Brucea Javanica</i> (L.) Merr. from Different Sources and Simultaneous Analysis Using High-Performance Liquid Chromatography with Charged Aerosol Detection. <i>Molecules</i> , <b>2017</b> , 22,	4.8	3
47	Characterization, Molecular Docking, and In Vitro Dissolution Studies of Solid Dispersions of 20(S)-Protopanaxadiol. <i>Molecules</i> , <b>2017</b> , 22,	4.8	4
46	Plasmonic Zener tunneling in binary graphene sheet arrays. <i>Optics Letters</i> , <b>2016</b> , 41, 2978-81	3	7

45	Surface plasmonic resonances and enhanced IR spectra in GZO nano-triangle arrays. <i>Materials Letters</i> , <b>2016</b> , 172, 36-39	3.3	8
44	20(S)-Protopanaxadiol Phospholipid Complex: Process Optimization, Characterization, In Vitro Dissolution and Molecular Docking Studies. <i>Molecules</i> , <b>2016</b> , 21,	4.8	14
43	Enhanced plasmonic nanofocusing of terahertz waves in tapered graphene multilayers. <i>Optics Express</i> , <b>2016</b> , 24, 14765-80	3.3	17
42	Nonreciprocal Phase Shift and Mode Modulation in Dynamic Graphene Waveguides. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 1-1	4	13
41	Effects of Viola yedoensis Makino anti-itching compound on degranulation and cytokine generation in RBL-2H3 mast cells. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 189, 132-8	5	10
40	Vector plasmonic lattice solitons in nonlinear graphene-pair arrays. <i>Optics Letters</i> , <b>2016</b> , 41, 3619-22	3	19
39	Bloch mode engineering in graphene modulated periodic waveguides and cavities. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 1748	1.7	9
38	Tunable broadband plasmonic field enhancement on a graphene surface using a normal-incidence plane wave at mid-infrared frequencies. <i>Scientific Reports</i> , <b>2015</b> , 5, 11195	4.9	21
37	Precise Determination of the Crystallographic Orientations in Single ZnS Nanowires by Second-Harmonic Generation Microscopy. <i>Nano Letters</i> , <b>2015</b> , 15, 3351-7	11.5	55
36	Optimization of metal-enhanced fluorescence by different concentrations of gold-silica core-shell nanoparticles. <i>Optics Communications</i> , <b>2015</b> , 349, 180-184	2	9
35	Plasmonic Zitterbewegung in binary graphene sheet arrays. <i>Optics Letters</i> , <b>2015</b> , 40, 2945-8	3	7
34	Plasmonic absorption enhancement in periodic cross-shaped graphene arrays. <i>Optics Express</i> , <b>2015</b> , 23, 8888-900	3.3	161
33	Exosome-mediated microRNA transfer plays a role in radiation-induced bystander effect. <i>RNA Biology</i> , <b>2015</b> , 12, 1355-63	4.8	98
32	Self-microemulsifying Drug Delivery System Improved Oral Bioavailability of 20(S)-Protopanaxadiol: From Preparation to Evaluation. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2015</b> , 63, 688-93	1.9	9
31	Fast Simultaneous Determination of 13 Nucleosides and Nucleobases in Cordyceps sinensis by UHPLC-ESI-MS/MS. <i>Molecules</i> , <b>2015</b> , 20, 21816-25	4.8	17
30	Plasmonic lattice solitons in nonlinear graphene sheet arrays. <i>Optics Express</i> , <b>2015</b> , 23, 32679-89	3.3	9
29	Rabi oscillations of surface plasmon polaritons in graphene-pair arrays. <i>Optics Express</i> , <b>2015</b> , 23, 31136-43	3.3	11
28	Near-resonant second-order nonlinear susceptibility in c-axis oriented ZnO nanorods. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 071906	3.4	12

27	Tunable broadband transmission and phase modulation of light through graphene multilayers. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 213102	2.5	22
26	Sub-30 nm thick plasmonic films and structures with ultralow loss. <i>Nanoscale</i> , <b>2014</b> , 6, 3243-9	7.7	4
25	Plasmonic Bloch oscillations in monolayer graphene sheet arrays. <i>Optics Letters</i> , <b>2014</b> , 39, 6827-30	3	13
24	Plasmon-negative refraction at the heterointerface of graphene sheet arrays. <i>Optics Letters</i> , <b>2014</b> , 39, 5957-60	3	19
23	Plasmonic routing in aperiodic graphene sheet arrays. <i>Optics Letters</i> , <b>2014</b> , 39, 4867-70	3	12
22	Talbot effect in weakly coupled monolayer graphene sheet arrays. <i>Optics Letters</i> , <b>2014</b> , 39, 3371-3	3	27
21	Low-loss plasmonic supermodes in graphene multilayers. <i>Optics Express</i> , <b>2014</b> , 22, 25324-32	3.3	33
20	Gastroretentive drug delivery systems for the treatment of Helicobacter pylori. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 9321-9	5.6	11
19	Rapid and Sensitive Determination of Timosaponin AIII in Rat Plasma by LC-MS/MS and Its Pharmacokinetic Application. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 3656-70	6.3	7
18	Active near infrared linear polarizer based on VO <sub>2</sub> phase transition. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 163103	2.5	12
17	Strong coupling of surface plasmon polaritons in monolayer graphene sheet arrays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 073901	7.4	189
16	High aspect subdiffraction-limit photolithography via a silver superlens. <i>Nano Letters</i> , <b>2012</b> , 12, 1549-54	11.5	65
15	Frequency control of surface plasmons with oscillating metal-insulator-metal waveguides. <i>Applied Physics A: Materials Science and Processing</i> , <b>2012</b> , 107, 43-48	2.6	4
14	Effect of surface morphology on the optical properties in metal-dielectric-metal thin film systems. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 1148-53	9.5	35
13	Broadband graphene polarizer. <i>Nature Photonics</i> , <b>2011</b> , 5, 411-415	33.9	806
12	A new lignan from the leaves of <i>Loropetalum chinensis</i> . <i>Chemistry of Natural Compounds</i> , <b>2011</b> , 47, 690-692	0.7	1
11	Enhanced surface plasmon resonance on a smooth silver film with a seed growth layer. <i>ACS Nano</i> , <b>2010</b> , 4, 3139-46	16.7	141
10	Acute toxicological impact of nano- and submicro-scaled zinc oxide powder on healthy adult mice. <i>Journal of Nanoparticle Research</i> , <b>2008</b> , 10, 263-276	2.3	276



9	Confining light in two-dimensional slab photonic crystal waveguides with metal plates. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 193128	3-4	5
8	Directional beaming of light from a nanoslit surrounded by metallic heterostructures. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 013114	3-4	37
7	Acute toxicity of nano- and micro-scale zinc powder in healthy adult mice. <i>Toxicology Letters</i> , <b>2006</b> , 161, 115-23	4-4	232
6	Metal heterostructure-based nanophotonic devices: finite-difference time-domain numerical simulations. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2006</b> , 23, 1660	1-7	12
5	Simulations of nanoscale interferometer and array focusing by metal heterowaveguides. <i>Optics Express</i> , <b>2005</b> , 13, 10558-63	3-3	10
4	Plasmon Bragg reflectors and nanocavities on flat metallic surfaces. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 013107	3-4	210
3	Surface plasmon polariton propagation in nanoscale metal gap waveguides. <i>Optics Letters</i> , <b>2004</b> , 29, 1992-4	3	172
2	Metal heterowaveguides for nanometric focusing of light. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 3599-3601	3-4	63
1	Evanescent coupling of transmitted light through an array of holes in a metallic film assisted by transverse surface current. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, 8147-8156	1-8	14