

# Li Jia ??

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/880178/li-jia-publications-by-year.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

218 papers	5,922 citations	39 h-index	65 g-index
232 ext. papers	6,925 ext. citations	7 avg, IF	5.93 L-index

#	Paper	IF	Citations
218	Identification of Core Genes and Pathways in Melanoma Metastasis via Bioinformatics Analysis.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
217	Rapid and direct concentration range judgment of lamotrigine in plasma by the multi test lines with different detection limits on the same lateral flow strip.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1192, 339347	6.6	0
216	Rapid and simultaneous visual screening of SARS-CoV-2 and influenza virufses with customized isothermal amplification integrated lateral flow strip. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 197, 113771	11.8	1
215	Intelligent assembly of Y-shaped DNA nanostructures for intracellular microRNA imaging. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1189, 338701	6.6	
214	Facile design of multifunction-integrated linear oligonucleotide probe with multiplex amplification effect for label-free and highly sensitive GMO biosensing. <i>Talanta</i> , <b>2022</b> , 236, 122821	6.2	1
213	Simultaneous and accurate screening of multiple genetically modified organism (GMO) components in food on the same test line of SERS-integrated lateral flow strip. <i>Food Chemistry</i> , <b>2022</b> , 366, 130595	8.5	1
212	Protein Kinase C-Mediated Hyperphosphorylation and Lateralization of Connexin 43 Are Involved in Autoimmune Myocarditis-Induced Prolongation of QRS Complex.. <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 815301	4.6	0
211	Stepwise tuning of a molecular beacon coupled Y probe regulates ternary DNA nanomachine-based microRNA determination. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 131858	8.5	0
210	Similarities and differences between embryonic implantation and CTC invasion: Exploring the roles of abortifacients in cancer metastasis chemoprevention.. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 237, 114416	6.8	
209	Triggering Isothermal Circular Amplification-Based Tuning of Rigorous Fluorescence Quenching into Complete Restoration on a Multivalent Aptamer Probe Enables Ultrasensitive Detection of .. <i>Analytical Chemistry</i> , <b>2021</b> ,	7.8	4
208	Continual and accurate home monitoring of uric acid in urine samples with uricase-packaged nanoflowlers assisted portable electrochemical uricometer. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 198, 113804	11.8	1
207	A Short- and Long-Range Fluorescence Resonance Energy Transfer-Cofunctionalized Fluorescence Quenching Collapsar Probe Regulates Amplified and Accelerated Detection of. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 14294-14301	5.7	0
206	NOL7 facilitates melanoma progression and metastasis. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 352	21	2
205	Why do we lack a specific magic anti-COVID-19 drug? Analyses and solutions. <i>Drug Discovery Today</i> , <b>2021</b> , 26, 631-636	8.8	2
204	Periodically programmed building and collapse of DNA networks enables an ultrahigh signal amplification effect for ultrasensitive nucleic acids analysis. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1150, 338221	6.6	1
203	Tumor-derived exosomes can specifically prevent cancer metastatic organotropism. <i>Journal of Controlled Release</i> , <b>2021</b> , 331, 404-415	11.7	8
202	Recent progress of personal glucose meters integrated methods in food safety hazards detection. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-14	11.5	2

201	Inhibitory Effects of Sulfated Polysaccharides from the Sea Cucumber against A $\beta$ 0 Aggregation and Cytotoxicity. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 1854-1859	5.7	0
200	Graphdiyne oxide and graphene oxide sense monovalent cations differently: The alkyne and alkene physicochemistry. <i>Nano Today</i> , <b>2021</b> , 38, 101141	17.9	0
199	Simultaneous and accurate visual identification of chicken, duck and pork components with the molecular amplification integrated lateral flow strip. <i>Food Chemistry</i> , <b>2021</b> , 339, 127891	8.5	6
198	Self-assembly of a polythymine embedded activatable molecular beacon for one-step quantification of terminal deoxynucleotidyl transferase activity. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1141, 127135	6.6	2
197	Delayed full opening of bumped switchable molecular probe enables repeated generation of target analogues for mix-to-signaling determination of microRNAs. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 327, 128875	8.5	0
196	Activation of palindromes on a degradable modular grafting probe enables ultrasensitive detection of microRNAs. <i>Chemical Communications</i> , <b>2021</b> , 57, 5941-5944	5.8	2
195	Tumor-derived Exosome Promotes Metastasis via Altering its Phenotype and Inclusions. <i>Journal of Cancer</i> , <b>2021</b> , 12, 4240-4246	4.5	1
194	Three-dimensional assembly and disassembly of FeO-decorated porous carbon nanocomposite with enhanced transversal relaxation for magnetic resonance sensing of bisphenol A. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 90	5.8	7
193	Nanozyme catalysis-powered portable mini-drainage device enables real-time and universal weighing analysis of silver ions and silver nanoparticles. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 415, 125689	12.8	5
192	Time-resolved fluorescent lateral flow strip for easy and rapid quality control of edible oil. <i>Food Chemistry</i> , <b>2021</b> , 357, 129739	8.5	5
191	Embedding similarities between embryos and circulating tumor cells: fundamentals of abortifacients used for cancer metastasis chemoprevention. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2021</b> , 40, 300	12.8	0
190	Target-triggered substantial stacking of electroactive indicators based on digestion-to-growth regulated tandem isothermal amplification for ultrasensitive miRNA determination. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 344, 130280	8.5	4
189	Preparation, characterization, and antibiofilm activity of cinnamic acid conjugated hydroxypropyl chitosan derivatives. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 189, 657-667	7.9	4
188	Framework nucleic acid-wrapped protein-inorganic hybrid nanoflowers with three-stage amplified fluorescence polarization for terminal deoxynucleotidyl transferase activity biosensing. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 193, 113564	11.8	2
187	Facile construction of a molecularly imprinted polymer-based electrochemical sensor for the detection of milk amyloid A. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 642	5.8	3
186	Prediction, evaluation, confirmation, and elimination of matrix effects for lateral flow test strip based rapid and on-site detection of aflatoxin B1 in tea soups. <i>Food Chemistry</i> , <b>2020</b> , 328, 127081	8.5	22
185	CD47: the next checkpoint target for cancer immunotherapy. <i>Critical Reviews in Oncology/Hematology</i> , <b>2020</b> , 152, 103014	7	22
184	A molecule capturer analysis system for visual determination of avian pathogenic Escherichia coli serotype O78 using a lateral flow assay. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 198	5.8	5

183	Small Molecule Wnt Pathway Modulators from Natural Sources: History, State of the Art and Perspectives. <i>Cells</i> , <b>2020</b> , 9,	7.9	13
182	Facile strategy to enhance the specificity and sensitivity of hairpin molecular devices for detecting pax-5a gene by an integration probe and the specific function of exonuclease III. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 322, 128495	8.5	2
181	Surface-Confined Building of Au@Pt-Centered and Multi-G-Quadruplex/Hemin Wire-Surrounded Electroactive Super-nanostructures for Ultrasensitive Monitoring of Morphine. <i>ACS Sensors</i> , <b>2020</b> , 5, 2644-2651	9.2	5
180	One nanometer self-assembled aptamer-DNA dendrimers carry 350 doxorubicin: Super-stability and intra-nuclear DNA comet tail. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 124170	14.7	7
179	WDR74 modulates melanoma tumorigenesis and metastasis through the RPL5-MDM2-p53 pathway. <i>Oncogene</i> , <b>2020</b> , 39, 2741-2755	9.2	8
178	Fluorescent Se-modified carbon nitride nanosheets as biomimetic catalases for free-radical scavenging. <i>Chemical Communications</i> , <b>2020</b> , 56, 916-919	5.8	8
177	A novel UPLC/MS/MS method for rapid determination of murrayone in rat plasma and its pharmacokinetics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 180, 113046	3.5	0
176	A functionalized dumbbell probe-based cascading exponential amplification DNA machine enables amplified probing of microRNAs. <i>Chemical Communications</i> , <b>2020</b> , 56, 1681-1684	5.8	8
175	Use of lung-specific exosomes for miRNA-126 delivery in non-small cell lung cancer. <i>Nanoscale</i> , <b>2020</b> , 12, 877-887	7.7	68
174	WDR74 induces nuclear $\beta$ -catenin accumulation and activates Wnt-responsive genes to promote lung cancer growth and metastasis. <i>Cancer Letters</i> , <b>2020</b> , 471, 103-115	9.9	16
173	Simultaneous Detection of Multiple $\beta$ -Adrenergic Agonists with 2-Directional Lateral Flow Strip Platform. <i>Analytical Sciences</i> , <b>2020</b> , 36, 653-658	1.7	4
172	An integrated target recognition and polymerase primer probe for microRNA detection. <i>Talanta</i> , <b>2020</b> , 219, 121302	6.2	2
171	Selection of Specific DNA Aptamers for Hetero-Sandwich-Based Colorimetric Determination of in Food. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8455-8461	5.7	7
170	Achyranthes bidentata polysaccharide can safely prevent NSCLC metastasis via targeting EGFR and EMT. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 178	21	1
169	Ingenious Electrochemiluminescence Bioaptasensor Based on Synergistic Effects and Enzyme-Driven Programmable 3D DNA Nanoflowers for Ultrasensitive Detection of Aflatoxin B1. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 14122-14129	7.8	5
168	Co-delivery of erlotinib and doxorubicin by MoS <sub>2</sub> nanosheets for synergetic photothermal chemotherapy of cancer. <i>Chemical Engineering Journal</i> , <b>2020</b> , 381, 122541	14.7	19
167	Evolution from small molecule to nano-drug delivery systems: An emerging approach for cancer therapy of ursolic acid. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 15, 685-700	9	20
166	Hypoxia/pH dual-responsive nitroimidazole-modified chitosan/rose bengal derivative nanoparticles for enhanced photodynamic anticancer therapy. <i>Dyes and Pigments</i> , <b>2020</b> , 179, 108395	4.6	8

165	Biostable Double-Strand Circular Aptamers Conjugated Onto Dendrimers for Specific Capture and Inhibition of Circulating Leukemia Cells. <i>OncoTargets and Therapy</i> , <b>2020</b> , 13, 13465-13477	4.4	2
164	A sensitive multiplex PCR protocol for simultaneous detection of chicken, duck, and pork in beef samples. <i>Journal of Food Science and Technology</i> , <b>2019</b> , 56, 1266-1274	3.3	16
163	Self-signal-on fluorescent colorimetric protocol for rapid authentication of horsemeat adulterated beef samples with functional designed probes. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 1752-1759	3.8	4
162	Fibronectin 1 promotes melanoma proliferation and metastasis by inhibiting apoptosis and regulating EMT. <i>OncoTargets and Therapy</i> , <b>2019</b> , 12, 3207-3221	4.4	39
161	Functionalized MoS-erlotinib produces hyperthermia under NIR. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 76	9.4	9
160	Ingenious Design of DNA Concatamers and G-Quadruplex Wires Assisted Assembly of Multibranched DNA Nanoarchitectures for Ultrasensitive Biosensing of miRNA. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 9747-9753	7.8	28
159	Immunomodulatory effects of Pseudostellaria heterophylla peptide on spleen lymphocytes via a Ca/Ca <sub>v</sub> 2/NFATc1/IFN- $\gamma$ pathway. <i>Food and Function</i> , <b>2019</b> , 10, 3466-3476	6.1	7
158	Co-delivery of sorafenib and metapristone encapsulated by CXCR4-targeted PLGA-PEG nanoparticles overcomes hepatocellular carcinoma resistance to sorafenib. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 232	12.8	21
157	A Polyamidoamine Dendrimer-Based Electrochemical Immunosensor for Label-Free Determination of Epithelial Cell Adhesion Molecule- Expressing Cancer Cells. <i>Sensors</i> , <b>2019</b> , 19,	3.8	9
156	Rapid visual sensing and quantitative identification of duck meat in adulterated beef with a lateral flow strip platform. <i>Food Chemistry</i> , <b>2019</b> , 294, 224-230	8.5	20
155	Mitochondria and Nuclei Dual-Targeted Hollow Carbon Nanospheres for Cancer Chemophotodynamic Synergistic Therapy. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 2235-2248	5.6	13
154	Simultaneous blocking of CD47 and PD-L1 increases innate and adaptive cancer immune responses and cytokine release. <i>EBioMedicine</i> , <b>2019</b> , 42, 281-295	8.8	52
153	Dual blockage of both PD-L1 and CD47 enhances immunotherapy against circulating tumor cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 4532	4.9	33
152	Molybdenum disulfide-based hyaluronic acid-guided multifunctional theranostic nanoplatfrom for magnetic resonance imaging and synergetic chemo-photothermal therapy. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 548, 131-144	9.3	18
151	L-Cysteine modified gold nanoparticles for tube-based fluorometric determination of mercury(II) ions. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 632	5.8	7
150	Redox/NIR dual-responsive MoS for synergetic chemo-photothermal therapy of cancer. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 78	9.4	19
149	Investigation on activation in RAW264.7 macrophage cells and protection in cyclophosphamide-treated mice of Pseudostellaria heterophylla protein hydrolysate. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 134, 110816	4.7	14
148	Checkpoint CD47 Function On Tumor Metastasis And Immune Therapy. <i>OncoTargets and Therapy</i> , <b>2019</b> , 12, 9105-9114	4.4	23

147	Downregulation of KCTD12 contributes to melanoma stemness by modulating CD271. <i>Cancer Biology and Medicine</i> , <b>2019</b> , 16, 498-513	5.2	5
146	Challenges and Opportunities from Basic Cancer Biology for Nanomedicine for Targeted Drug Delivery. <i>Current Cancer Drug Targets</i> , <b>2019</b> , 19, 257-276	2.8	13
145	HAMPT, A Novel Quadruple Drug Combination Designed for Cancer Metastatic Chemoprevention: From Hypothesis to Proof-of-concept. <i>Current Cancer Drug Targets</i> , <b>2019</b> , 19, 296-303	2.8	1
144	Conjugation of Phthalocyanine Photosensitizer with Poly(amidoamine) Dendrimer: Improved Solubility, Disaggregation and Photoactivity Against HepG2 Cells. <i>Current Cancer Drug Targets</i> , <b>2019</b> , 19, 312-320	2.8	
143	The Evaluation of Animal Models in the Development of Anticancer Agents: From Preclinical to Clinical Tests. <i>Current Cancer Drug Targets</i> , <b>2019</b> , 19, 277-284	2.8	0
142	Eliminating blood oncogenic exosomes into the small intestine with aptamer-functionalized nanoparticles. <i>Nature Communications</i> , <b>2019</b> , 10, 5476	17.4	39
141	Smart engineering of a dual-DNA machine with a high signal-to-noise ratio for one-pot robust and sensitive miRNA signaling. <i>Chemical Communications</i> , <b>2019</b> , 55, 14367-14370	5.8	12
140	Polymerization-driven successive collapse of DNA dominoes enabling highly sensitive cancer gene diagnosis. <i>Chemical Communications</i> , <b>2019</b> , 55, 14797-14800	5.8	1
139	RU486 Metabolite Inhibits CCN1/Cyr61 Secretion by MDA-MB-231-Endothelial Adhesion. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1296	5.6	5
138	Circulation patterns and seed-soil compatibility factors cooperate to cause cancer organ-specific metastasis. <i>Experimental Cell Research</i> , <b>2019</b> , 375, 62-72	4.2	6
137	Determination of 17 $\beta$ -estradiol by surface-enhanced Raman spectroscopy merged with hybridization chain reaction amplification on Au@Ag core-shell nanoparticles. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 52	5.8	12
136	S-Nitrosocaptopril prevents cancer metastasis in vivo by creating the hostile bloodstream microenvironment against circulating tumor cells. <i>Pharmacological Research</i> , <b>2019</b> , 139, 535-549	10.2	10
135	CXCR7 is not obligatory for CXCL12-CXCR4-induced epithelial-mesenchymal transition in human ovarian cancer. <i>Molecular Carcinogenesis</i> , <b>2019</b> , 58, 144-155	5	15
134	Pharmacokinetic differences of mifepristone between sexes in animals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 154, 108-115	3.5	6
133	An ultrasensitive signal-on electrochemical aptasensor for ochratoxin A determination based on DNA controlled layer-by-layer assembly of dual gold nanoparticle conjugates. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 117, 845-851	11.8	51
132	In vivo inhibition of circulating tumor cells by two apoptosis-promoting circular aptamers with enhanced specificity. <i>Journal of Controlled Release</i> , <b>2018</b> , 280, 99-112	11.7	14
131	RCA-enhanced multifunctional molecule beacon-based strand-displacement amplification for sensitive microRNA detection. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 258, 470-477	8.5	39
130	Redox-responsive hyaluronic acid-functionalized graphene oxide nanosheets for targeted delivery of water-insoluble cancer drugs. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 7457-7472	7.3	20



129	Erlotinib-Guided Self-Assembled Trifunctional Click Nanotheranostics for Distinguishing Druggable Mutations and Synergistic Therapy of Nonsmall Cell Lung Cancer. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 5146-5161	5.6	19
128	Small Molecule Nanodrug Assembled of Dual-Anticancer Drug Conjugate for Synergetic Cancer Metastasis Therapy. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 3495-3502	6.3	15
127	Metastatic cancer cells compensate for low energy supplies in hostile microenvironments with bioenergetic adaptation and metabolic reprogramming. <i>International Journal of Oncology</i> , <b>2018</b> , 53, 2590-2604 <sup>2</sup>	4.4	4
126	Comparisons between Graphene Oxide and Graphdiyne Oxide in Physicochemistry Biology and Cytotoxicity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 32946-32954	9.5	30
125	A novel S-nitrosocaptopril monohydrate for pulmonary arterial hypertension: HO and -SNO intermolecular stabilization chemistry. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 129, 107-115	7.8	2
124	Immunomagnetic antibody plus aptamer pseudo-DNA nanocatenane followed by rolling circle amplification for highly-sensitive CTC detection. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 122, 239-246	11.8	22
123	Highly Simple and Sensitive Molecular Amplification-Integrated Fluorescence Anisotropy for Rapid and On-Site Identification of Adulterated Beef. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7171-7175	7.8	10
122	Stepwise nanoassembly of a single hairpin probe and its biosensing. <i>Talanta</i> , <b>2018</b> , 187, 272-278	6.2	6
121	Abortifacient metapristone (RU486 derivative) interrupts CXCL12/CXCR4 axis for ovarian metastatic chemoprevention. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 1896-1908	5	24
120	Aptamer-Conjugated Chitosan-Anchored Liposomal Complexes for Targeted Delivery of Erlotinib to EGFR-Mutated Lung Cancer Cells. <i>AAPS Journal</i> , <b>2017</b> , 19, 814-826	3.7	27
119	Metapristone suppresses non-small cell lung cancer proliferation and metastasis via modulating RAS/RAF/MEK/MAPK signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 90, 437-445	7.5	22
118	A novel nanomissile targeting two biomarkers and accurately bombing CTCs with doxorubicin. <i>Nanoscale</i> , <b>2017</b> , 9, 5624-5640	7.7	22
117	The traditional Chinese medicine Achyranthes bidentata and our de novo conception of its metastatic chemoprevention: from phytochemistry to pharmacology. <i>Scientific Reports</i> , <b>2017</b> , 7, 3888	4.9	10
116	A smart pH-responsive nano-carrier as a drug delivery system for the targeted delivery of ursolic acid: suppresses cancer growth and metastasis by modulating P53/MMP-9/PTEN/CD44 mediated multiple signaling pathways. <i>Nanoscale</i> , <b>2017</b> , 9, 9428-9439	7.7	69
115	Programmable nanoassembly consisting of two hairpin-DNAs for p53 gene determination. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 94, 626-631	11.8	20
114	Metapristone (RU486 derivative) inhibits cell proliferation and migration as melanoma metastatic chemopreventive agent. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 90, 339-349	7.5	12
113	Autonomous assembly of ordered metastable DNA nanoarchitecture and in situ visualizing of intracellular microRNAs. <i>Biomaterials</i> , <b>2017</b> , 120, 57-65	15.6	33
112	Exponential rolling circle amplification and its sensing application for highly sensitive DNA detection of tumor suppressor gene. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 243, 1240-1247	8.5	23

111	Collapse of chain anadiplosis-structured DNA nanowires for highly sensitive colorimetric assay of nucleic acids. <i>Analyst, The</i> , <b>2017</b> , 142, 613-620	5	4
110	Long-stem shaped multifunctional molecular beacon for highly sensitive nucleic acids determination via intramolecular and intermolecular interactions based strand displacement amplification. <i>Analyst, The</i> , <b>2017</b> , 142, 4438-4445	5	8
109	A Flavonoid Glycoside Compound from <i>Murraya paniculata</i> (L.) Interrupts Metastatic Characteristics of A549 Cells by Regulating STAT3/NF- $\kappa$ B/COX-2 and EGFR Signaling Pathways. <i>AAPS Journal</i> , <b>2017</b> , 19, 1779-1790	3.7	13
108	Co-delivery of oxygen and erlotinib by aptamer-modified liposomal complexes to reverse hypoxia-induced drug resistance in lung cancer. <i>Biomaterials</i> , <b>2017</b> , 145, 56-71	15.6	91
107	Global deregulation of ginseng products may be a safety hazard to warfarin takers: solid evidence of ginseng-warfarin interaction. <i>Scientific Reports</i> , <b>2017</b> , 7, 5813	4.9	12
106	Biostable Aptamer Rings Conjugated for Targeting Two Biomarkers on Circulating Tumor Cells in Vivo with Great Precision. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 10312-10325	9.6	26
105	Sex-related pharmacokinetic differences and mechanisms of metapristone (RU486 metabolite). <i>Scientific Reports</i> , <b>2017</b> , 7, 17190	4.9	8
104	Promising Compounds From <i>Murraya exotica</i> for Cancer Metastasis Chemoprevention. <i>Integrative Cancer Therapies</i> , <b>2017</b> , 16, 556-562	3	3
103	Metapristone (RU486 metabolite) suppresses NSCLC by targeting EGFR-mediated PI3K/AKT pathway. <i>Oncotarget</i> , <b>2017</b> , 8, 78351-78364	3.3	8
102	Mifepristone inhibits ovarian cancer metastasis by intervening in SDF-1/CXCR4 chemokine axis. <i>Oncotarget</i> , <b>2017</b> , 8, 59123-59135	3.3	18
101	China and the United States--Global partners, competitors and collaborators in nanotechnology development. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 13-9	6	20
100	Intelligent DNA machine for the ultrasensitive colorimetric detection of nucleic acids. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 41-7	11.8	24
99	S-nitrosocaptopril interrupts adhesion of cancer cells to vascular endothelium by suppressing cell adhesion molecules via inhibition of the NF- $\kappa$ B and JAK/STAT signal pathways in endothelial cells. <i>European Journal of Pharmacology</i> , <b>2016</b> , 791, 62-71	5.3	15
98	Pharmacoproteomic analysis reveals that metapristone (RU486 metabolite) intervenes E-cadherin and vimentin to realize cancer metastasis chemoprevention. <i>Scientific Reports</i> , <b>2016</b> , 6, 22388	4.9	20
97	The Architecture and Function of Monoclonal Antibody-Functionalized Mesoporous Silica Nanoparticles Loaded with Mifepristone: Repurposing Abortifacient for Cancer Metastatic Chemoprevention. <i>Small</i> , <b>2016</b> , 12, 2595-608	11	32
96	Synthesis of metapristone through an efficient N-demethylation of mifepristone. <i>RSC Advances</i> , <b>2016</b> , 6, 7195-7197	3.7	4
95	Thirty-day rat toxicity study reveals reversible liver toxicity of mifepristone (RU486) and metapristone. <i>Toxicology Mechanisms and Methods</i> , <b>2016</b> , 26, 36-45	3.6	10
94	In vitro and in vivo efficacy and safety evaluation of metapristone and mifepristone as cancer metastatic chemopreventive agents. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 78, 291-300	7.5	17



93	EpCAM aptamer-functionalized mesoporous silica nanoparticles for efficient colon cancer cell-targeted drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 83, 28-35	5.1	109
92	New function of exonuclease and highly sensitive label-free colorimetric DNA detection. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 879-85	11.8	15
91	A novel co-drug of aspirin and ursolic acid interrupts adhesion, invasion and migration of cancer cells to vascular endothelium via regulating EMT and EGFR-mediated signaling pathways: multiple targets for cancer metastasis prevention and treatment. <i>Oncotarget</i> , <b>2016</b> , 7, 73114-73129	3.3	35
90	The paradigm-shifting idea and its practice: from traditional abortion Chinese medicine <i>Murraya paniculata</i> to safe and effective cancer metastatic chemopreventives. <i>Oncotarget</i> , <b>2016</b> , 7, 21699-712	3.3	11
89	Chitosan-based nanoparticles for improved anticancer efficacy and bioavailability of mifepristone. <i>Beilstein Journal of Nanotechnology</i> , <b>2016</b> , 7, 1861-1870	3	37
88	Double-stem Hairpin Probe and Ultrasensitive Colorimetric Detection of Cancer-related Nucleic Acids. <i>Theranostics</i> , <b>2016</b> , 6, 318-27	12.1	33
87	Warfarin and coumarin-like <i>Murraya paniculata</i> extract down-regulate EpCAM-mediated cell adhesion: individual components versus mixture for studying botanical metastatic chemopreventives. <i>Scientific Reports</i> , <b>2016</b> , 6, 30549	4.9	11
86	Two-wheel drive-based DNA nanomachine and its sensing potential for highly sensitive analysis of cancer-related gene. <i>Biomaterials</i> , <b>2016</b> , 100, 110-7	15.6	29
85	The nanotechnology race between China and the United States. <i>Nano Today</i> , <b>2016</b> , 11, 7-12	17.9	28
84	A Biofunctional Molecular Beacon for Detecting Single Base Mutations in Cancer Cells. <i>Molecular Therapy - Nucleic Acids</i> , <b>2016</b> , 5, e302	10.7	10
83	Increasingly branched rolling circle amplification for the cancer gene detection. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 1067-1073	11.8	21
82	Dual-cyclical nucleic acid strand-displacement polymerization based signal amplification system for highly sensitive determination of p53 gene. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 1024-1030	11.8	18
81	Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual Antibody-Dendrimer Conjugates. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1304-1313	15.6	36
80	Pharmacokinetics and metabolism study of isoboldine, a major bioactive component from <i>Radix Linderae</i> in male rats by UPLC-MS/MS. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 171, 154-60	5	12
79	Ex vivo and in vivo capture and deactivation of circulating tumor cells by dual-antibody-coated nanomaterials. <i>Journal of Controlled Release</i> , <b>2015</b> , 209, 159-69	11.7	30
78	Systems pharmacology of mifepristone (RU486) reveals its 47 hub targets and network: comprehensive analysis and pharmacological focus on FAK-Src-Paxillin complex. <i>Scientific Reports</i> , <b>2015</b> , 5, 7830	4.9	19
77	Exploring cancer metastasis prevention strategy: interrupting adhesion of cancer cells to vascular endothelia of potential metastatic tissues by antibody-coated nanomaterial. <i>Journal of Nanobiotechnology</i> , <b>2015</b> , 13, 9	9.4	12
76	Isolation and characterization of living circulating tumor cells in patients by immunomagnetic negative enrichment coupled with flow cytometry. <i>Cancer</i> , <b>2015</b> , 121, 3036-45	6.4	55

75	Multivalent conjugation of antibody to dendrimers for the enhanced capture and regulation on colon cancer cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 9445	4.9	28
74	New molecular beacon for p53 gene point mutation and significant potential in serving as the polymerization primer. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 66, 504-11	11.8	28
73	A pentacyclic triterpene natural product, ursolic acid and its prodrug US597 inhibit targets within cell adhesion pathway and prevent cancer metastasis. <i>Oncotarget</i> , <b>2015</b> , 6, 9295-312	3.3	60
72	Aspirin, lysine, mifepristone and doxycycline combined can effectively and safely prevent and treat cancer metastasis: prevent seeds from gemmating on soil. <i>Oncotarget</i> , <b>2015</b> , 6, 35157-72	3.3	32
71	Bioactivity-guided fast screen and identification of cancer metastasis chemopreventive components from raw extracts of <i>Murraya exotica</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 107, 341-5	3.5	17
70	Cascade DNA nanomachine and exponential amplification biosensing. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 73, 19-25	11.8	39
69	Novel multifunction-integrated molecular beacon for the amplification detection of DNA hybridization based on primer/template-free isothermal polymerization. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 72, 182-90	11.8	20
68	UP12, a novel ursolic acid derivative with potential for targeting multiple signaling pathways in hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , <b>2015</b> , 93, 151-62	6	46
67	Dendrimeric anticancer prodrugs for targeted delivery of ursolic acid to folate receptor-expressing cancer cells: synthesis and biological evaluation. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 70, 55-63	5.1	56
66	A novel UPLC-MS/MS method for sensitive quantitation of boldine in plasma, a potential anti-inflammatory agent: application to a pharmacokinetic study in rats. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 459-64	1.7	6
65	Synergism of ursolic acid derivative US597 with 2-deoxy-D-glucose to preferentially induce tumor cell death by dual-targeting of apoptosis and glycolysis. <i>Scientific Reports</i> , <b>2014</b> , 4, 5006	4.9	55
64	Synthesis, spectral characterization, and in vitro cellular activities of metapristone, a potential cancer metastatic chemopreventive agent derived from mifepristone (RU486). <i>AAPS Journal</i> , <b>2014</b> , 16, 289-98	3.7	42
63	A novel UPLC/MS/MS method for rapid determination of metapristone in rat plasma, a new cancer metastasis chemopreventive agent derived from mifepristone (RU486). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 95, 158-63	3.5	19
62	The unique pharmacological characteristics of mifepristone (RU486): from terminating pregnancy to preventing cancer metastasis. <i>Medicinal Research Reviews</i> , <b>2014</b> , 34, 979-1000	14.4	53
61	Drug enterohepatic circulation and disposition: constituents of systems pharmacokinetics. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 326-40	8.8	39
60	Nanotechnology-based intelligent drug design for cancer metastasis treatment. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 761-77	17.8	131
59	Optimal structural design of mannosylated nanocarriers for macrophage targeting. <i>Journal of Controlled Release</i> , <b>2014</b> , 194, 341-9	11.7	27
58	Mouse pharmacokinetics and metabolism of the curcumin analog, 4-piperidinone,3,5-bis[(2-fluorophenyl)methylene]-acetate(3E,5E) (EF-24; NSC 716993). <i>Cancer Chemotherapy and Pharmacology</i> , <b>2014</b> , 73, 1137-46	3.5	24

57	Pharmaceutical development, composition and quantitative analysis of phthalocyanine as the photosensitizer for cancer photodynamic therapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 87, 98-104	3.5	97
56	Nitric oxide inhibits hetero-adhesion of cancer cells to endothelial cells: restraining circulating tumor cells from initiating metastatic cascade. <i>Scientific Reports</i> , <b>2014</b> , 4, 4344	4.9	58
55	The architecture and biological function of dual antibody-coated dendrimers: enhanced control of circulating tumor cells and their hetero-adhesion to endothelial cells for metastasis prevention. <i>Theranostics</i> , <b>2014</b> , 4, 1250-63	12.1	35
54	Intracellular distribution and mechanisms of actions of photosensitizer Zinc(II)-phthalocyanine solubilized in Cremophor EL against human hepatocellular carcinoma HepG2 cells. <i>Cancer Letters</i> , <b>2013</b> , 330, 49-56	9.9	52
53	Nanoproteomics: a new sprout from emerging links between nanotechnology and proteomics. <i>Trends in Biotechnology</i> , <b>2013</b> , 31, 99-107	15.1	34
52	Potential serious interactions between nutraceutical ginseng and warfarin in patients with ischemic stroke. <i>Trends in Pharmacological Sciences</i> , <b>2013</b> , 34, 85-6	13.2	15
51	Synthesis and biological evaluation of novel folic acid receptor-targeted, $\beta$ -cyclodextrin-based drug complexes for cancer treatment. <i>PLoS ONE</i> , <b>2013</b> , 8, e62289	3.7	41
50	A novel SPE-HPLC method for simultaneous determination of selected sulfonated phthalocyanine zinc complexes in mouse plasma following cassette dosing. <i>Analyst, The</i> , <b>2013</b> , 138, 4385-92	5	5
49	Separation of ginseng active ingredients and their roles in cancer metastasis supplementary therapy. <i>Current Drug Metabolism</i> , <b>2013</b> , 14, 616-23	3.5	12
48	Mitaplatin increases sensitivity of tumor cells to cisplatin by inducing mitochondrial dysfunction. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 634-44	5.6	74
47	Preclinical pharmacology of novel indolecarboxamide ML-970, an investigative anticancer agent. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2012</b> , 69, 1423-31	3.5	7
46	Impacts of nanoparticles on cardiovascular diseases: modulating metabolism and function of endothelial cells. <i>Current Drug Metabolism</i> , <b>2012</b> , 13, 1123-9	3.5	13
45	Nanoparticles improve biological functions of phthalocyanine photosensitizers used for photodynamic therapy. <i>Current Drug Metabolism</i> , <b>2012</b> , 13, 1119-22	3.5	60
44	Nanoscaled Proteomic Analysis <b>2012</b> , 65-81		
43	An Evidence-based Perspective of Panax Ginseng (Asian Ginseng) and Panax Quinquefolius (American Ginseng) as a Preventing or Supplementary Therapy for Cancer Patients. <i>Evidence-based Anticancer Complementary and Alternative Medicine</i> , <b>2011</b> , 85-96		4
42	Epigenetic modulation of human breast cancer by metallofullerenol nanoparticles: in vivo treatment and in vitro analysis. <i>Nanoscale</i> , <b>2011</b> , 3, 4713-9	7.7	27
41	Pharmacokinetics, pharmacodynamics and metabolism of the dimeric pyrrolobenzodiazepine SJG-136 in rats. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2011</b> , 68, 777-86	3.5	10
40	Preclinical pharmacokinetics, metabolism, and toxicity of azurin-p28 (NSC745104) a peptide inhibitor of p53 ubiquitination. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2011</b> , 68, 513-24	3.5	46

39	Fast evolving nanotechnology and relevant programs and entities in China. <i>Nano Today</i> , <b>2011</b> , 6, 6-11	17.9	17
38	Phase I study of PARP inhibitor ABT-888 in combination with topotecan in adults with refractory solid tumors and lymphomas. <i>Cancer Research</i> , <b>2011</b> , 71, 5626-34	10.1	195
37	Metallofullerene nanoparticles circumvent tumor resistance to cisplatin by reactivating endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 7449-54	11.5	206
36	Specific hemosiderin deposition in spleen induced by a low dose of cisplatin: altered iron metabolism and its implication as an acute hemosiderin formation model. <i>Current Drug Metabolism</i> , <b>2010</b> , 11, 507-15	3.5	26
35	Biomedical activities of endohedral metallofullerene optimized for nanopharmaceutics. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 8610-6	1.3	22
34	JS-K has potent anti-angiogenic activity in vitro and inhibits tumour angiogenesis in a multiple myeloma model in vivo. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 145-51	4.8	30
33	A novel and rapid LC/MS/MS assay for bioanalysis of Azurin p28 in serum and its pharmacokinetics in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 991-6	3.5	10
32	Therapeutic strategies underpinning the development of novel techniques for the treatment of HIV infection. <i>Drug Discovery Today</i> , <b>2010</b> , 15, 186-97	8.8	47
31	Simultaneous determination of three Panax notoginseng saponins at sub-nanograms by LC-MS/MS in dog plasma for pharmacokinetics of compound Danshen tablets. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 3331-7	3.2	30
30	Current evaluation of the millennium phytomedicine- ginseng (II): Collected chemical entities, modern pharmacology, and clinical applications emanated from traditional Chinese medicine. <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 2924-42	4.3	217
29	Current evaluation of the millennium phytomedicine--ginseng (I): etymology, pharmacognosy, phytochemistry, market and regulations. <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 2475-84	4.3	213
28	Pharmacokinetics and pharmacodynamics of Phor21-betaCG(ala), a lytic peptide conjugate. <i>Journal of Pharmacy and Pharmacology</i> , <b>2008</b> , 60, 1441-8	4.8	9
27	Toxicology and pharmacokinetics of 1-methyl-d-tryptophan: absence of toxicity due to saturating absorption. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 203-11	4.7	74
26	Effects of cyclosporine A and itraconazole on permeability, biliary excretion and pharmacokinetics of amlodipine. <i>Drug Metabolism Letters</i> , <b>2008</b> , 2, 163-8	2.1	11
25	Bcl-2 antagonist apogossypol (NSC736630) displays single-agent activity in Bcl-2-transgenic mice and has superior efficacy with less toxicity compared with gossypol (NSC19048). <i>Blood</i> , <b>2008</b> , 111, 3211-9	3.2	84
24	Biopharmaceutics and therapeutic potential of engineered nanomaterials. <i>Current Drug Metabolism</i> , <b>2008</b> , 9, 697-709	3.5	91
23	Comparison of pharmacokinetic and metabolic profiling among gossypol, apogossypol and apogossypol hexaacetate. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2008</b> , 61, 63-73	3.5	34
22	The conduct of drug metabolism studies considered good practice (II): in vitro experiments. <i>Current Drug Metabolism</i> , <b>2007</b> , 8, 822-9	3.5	200

21	The conduct of drug metabolism studies considered good practice (I): analytical systems and in vivo studies. <i>Current Drug Metabolism</i> , <b>2007</b> , 8, 815-21	3.5	48
20	Antitumor activity of JS-K [O2-(2,4-dinitrophenyl) 1-[(4-ethoxycarbonyl)piperazin-1-yl]diazene-1,2-diolate] and related O2-aryl diazeniumdiolates in vitro and in vivo. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 4356-66	8.3	93
19	PABA/NO as an anticancer lead: analogue synthesis, structure revision, solution chemistry, reactivity toward glutathione, and in vitro activity. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 1157-64	8.3	76
18	Interspecies pharmacokinetics and in vitro metabolism of SQ109. <i>British Journal of Pharmacology</i> , <b>2006</b> , 147, 476-85	8.6	75
17	LC-MS/MS assay and dog pharmacokinetics of the dimeric pyrrolobenzodiazepine SJG-136 (NSC 694501). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 840, 56-62	3.2	12
16	Nanoparticle Formulation Increases Oral Bioavailability of Poorly Soluble Drugs: Approaches Experimental Evidences and Theory. <i>Current Nanoscience</i> , <b>2005</b> , 1, 237-243	1.4	85
15	Simultaneous estimation of pharmacokinetic properties in mice of three anti-tubercular ethambutol analogs obtained from combinatorial lead optimization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 37, 793-9	3.5	29
14	Pharmacodynamics and pharmacokinetics of SQ109, a new diamine-based antitubercular drug. <i>British Journal of Pharmacology</i> , <b>2005</b> , 144, 80-7	8.6	171
13	Pharmacoproteomic effects of isoniazid, ethambutol, and N-geranyl-NQ(2-adamantyl)ethane-1,2-diamine (SQ109) on Mycobacterium tuberculosis H37Rv. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 315, 905-11	4.7	36
12	Global Governmental Investment in Nanotechnologies. <i>Current Nanoscience</i> , <b>2005</b> , 1, 263-266	1.4	18
11	Effect of nitric oxide on cytotoxicity of Taxol: enhanced Taxol transcellular permeability. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 2193-9	6	28
10	Carbendazim: disposition, cellular permeability, metabolite identification, and pharmacokinetic comparison with its nanoparticle. <i>Journal of Pharmaceutical Sciences</i> , <b>2003</b> , 92, 161-72	3.9	56
9	Pharmacokinetic comparison of intravenous carbendazim and remote loaded carbendazim liposomes in nude mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 28, 65-72	3.5	33
8	Effect of nanonization on absorption of 301029: ex vivo and in vivo pharmacokinetic correlations determined by liquid chromatography/mass spectrometry. <i>Pharmaceutical Research</i> , <b>2002</b> , 19, 1091-6	4.5	72
7	Biostability and pharmacokinetics of LJP 920, an octameric Gal (alpha1-3) Gal conjugate for the inhibition of xenotransplantation rejection. <i>Journal of Pharmacy and Pharmacology</i> , <b>2001</b> , 53, 999-1005	4.8	15
6	Liquid chromatography-mass spectrometry assay of a thiadiazole derivative in mice: application to pharmacokinetic studies. <i>Biomedical Applications</i> , <b>2001</b> , 765, 55-62		7
5	In vitro and in vivo assessment of cellular permeability and pharmacodynamics of S-nitrosylated captopril, a nitric oxide donor. <i>British Journal of Pharmacology</i> , <b>2001</b> , 134, 1697-704	8.6	20
4	Antiangiogenic effects of S-nitrosocaptopril crystals as a nitric oxide donor. <i>European Journal of Pharmacology</i> , <b>2000</b> , 391, 137-44	5.3	18

3	Physicochemistry, pharmacokinetics, and pharmacodynamics of S-nitrosocaptopril crystals, a new nitric oxide donor. <i>Journal of Pharmaceutical Sciences</i> , <b>1999</b> , 88, 981-6	3.9	25
2	Dual actions of S-nitrosylated derivative of vasoactive intestinal peptide as a vasoactive intestinal peptide-like mediator and a nitric oxide carrier. <i>European Journal of Pharmacology</i> , <b>1999</b> , 366, 79-86	5.3	15
1	The effects of S-nitrosocaptopril on renal filtration and blood pressure in rats. <i>European Journal of Pharmacology</i> , <b>1998</b> , 354, 33-41	5.3	25