Juan Luo

List of Publications by Year in descending order

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Version: 2024-02-01

60	1,152	361413	477307
papers	citations	20 h-index	29 g-index

62	62	62	890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydroxyl-Group-Dominated Graphite Dots Reshape Laser Desorption/Ionization Mass Spectrometry for Small Biomolecular Analysis and Imaging. ACS Nano, 2017, 11, 9500-9513.	14.6	79
2	Hemostatic bioactivity of novel Pollen Typhae Carbonisata-derived carbon quantum dots. Journal of Nanobiotechnology, 2017, 15, 60.	9.1	71
3	Rapid lateral-flow immunoassay for the quantum dot-based detection of puerarin. Biosensors and Bioelectronics, 2016, 81, 358-362.	10.1	60
4	Novel carbon quantum dots from egg yolk oil and their haemostatic effects. Scientific Reports, 2017, 7, 4452.	3.3	52
5	Novel Phellodendri Cortex (Huang Bo)-derived carbon dots and their hemostatic effect. Nanomedicine, 2018, 13, 391-405.	3.3	48
6	Novel mulberry silkworm cocoon-derived carbon dots and their anti-inflammatory properties. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 68-76.	2.8	42
7	Green Phellodendri Chinensis Cortex-based carbon dots for ameliorating imiquimod-induced psoriasis-like inflammation in mice. Journal of Nanobiotechnology, 2021, 19, 105.	9.1	38
8	Network Pharmacology and Bioinformatics Approach Reveals the Therapeutic Mechanism of Action of Baicalein in Hepatocellular Carcinoma. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-15.	1.2	37
9	Hemostatic and hepatoprotective bioactivity of Junci Medulla Carbonisata-derived Carbon Dots. Nanomedicine, 2019, 14, 431-446.	3.3	34
10	Antihyperuricemic and anti-gouty arthritis activities of Aurantii fructus immaturus carbonisata-derived carbon dots. Nanomedicine, 2019, 14, 2925-2939.	3.3	32
11	The neuroprotective effect of pretreatment with carbon dots from Crinis Carbonisatus (carbonized) Tj ETQq1 1 0.784314 rgBT /Overlock	9.1	31
12	Protective Effects of Radix Sophorae Flavescentis Carbonisata-Based Carbon Dots Against Ethanolâ€Induced Acute Gastric Ulcer in Rats: Anti-Inflammatory and Antioxidant Activities. International Journal of Nanomedicine, 2021, Volume 16, 2461-2475.	6.7	29
13	Development of an enzyme-linked immunosorbent assay based on anti-puerarin monoclonal antibody and its applications. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 953-954, 120-125.	2.3	27
14	Haemostatic bioactivity of novel Schizonepetae Spica Carbonisata-derived carbon dots via platelet counts elevation. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 308-317.	2.8	26
15	Novel Carbon Dots Derived from Puerariae lobatae Radix and Their Anti-Gout Effects. Molecules, 2019, 24, 4152.	3.8	26
16	Effect of Lonicerae japonicae Flos Carbonisata-Derived Carbon Dots on Rat Models of Fever and Hypothermia Induced by Lipopolysaccharide . International Journal of Nanomedicine, 2020, Volume 15, 4139-4149.	6.7	26
17	Novel carbon dots derived from Schizonepetae Herba Carbonisata and investigation of their haemostatic efficacy. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1-10.	2.8	25
18	Hemostatic effect of novel carbon dots derived from Cirsium setosum Carbonisata. RSC Advances, 2018, 8, 37707-37714.	3.6	25

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19	Protective Effects of Carbon Dots Derived from Phellodendri Chinensis Cortex Carbonisata against Deinagkistrodon acutus Venom-Induced Acute Kidney Injury. Nanoscale Research Letters, 2019, 14, 377.	5.7	24
20	Hyodeoxycholic acid protects the neurovascular unit against oxygen-glucose deprivation and reoxygenation-induced injury in vitro. Neural Regeneration Research, 2019, 14, 1941.	3.0	24
21	Green synthesis of Zingiberis rhizoma-based carbon dots attenuates chemical and thermal stimulus pain in mice. Nanomedicine, 2020, 15, 851-869.	3.3	23
22	Pharmacokinetics and Tissue Distribution Kinetics of Puerarin in Rats Using Indirect Competitive ELISA. Molecules, 2017, 22, 939.	3.8	21
23	Carbon Dots from Paeoniae Radix Alba Carbonisata: Hepatoprotective Effect . International Journal of Nanomedicine, 2020, Volume 15, 9049-9059.	6.7	21
24	Development of ELISA for detection of Rh1 and Rg2 and potential method of immunoaffinity chromatography for separation of epimers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 985, 197-205.	2.3	18
25	In vivo biodistribution and behavior of CdTe/ZnS quantum dots. International Journal of Nanomedicine, 2017, Volume 12, 1927-1939.	6.7	18
26	Establishment of an Enzyme-Linked Immunosorbent Assay and Application on Determination of Ginsenoside Re in Human Saliva. Planta Medica, 2014, 80, 1143-1150.	1.3	17
27	Monoclonal Antibodies and Immunoassay for Medical Plant-Derived Natural Products: A Review. Molecules, 2017, 22, 355.	3.8	17
28	Novel Carbon Dots Derived from Cirsii Japonici Herba Carbonisata and Their Haemostatic Effect. Journal of Biomedical Nanotechnology, 2018, 14, 1635-1644.	1.1	17
29	Edible and highly biocompatible nanodots from natural plants for the treatment of stress gastric ulcers. Nanoscale, 2021, 13, 6809-6818.	5.6	17
30	Carbon dots from Artemisiae Argyi Folium Carbonisata: strengthening the anti-frostbite ability. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 11-19.	2.8	16
31	Novel Carbon Dots Derived from Glycyrrhizae Radix et Rhizoma and Their Anti-Gastric Ulcer Effect. Molecules, 2021, 26, 1512.	3.8	16
32	Sandwich enzyme-linked immunosorbent assay for naringin. Analytica Chimica Acta, 2016, 903, 149-155.	5.4	14
33	Protective Effects of Carbon Dots Derived from Armeniacae Semen Amarum Carbonisata Against Acute Lung Injury Induced by Lipopolysaccharides in Rats. International Journal of Nanomedicine, 2022, Volume 17, 1-14.	6.7	14
34	Quantum dot-based lateral-flow immunoassay for rapid detection of rhein using specific egg yolk antibodies. Artificial Cells, Nanomedicine and Biotechnology, 2017, 46, 1-9.	2.8	13
35	Distribution kinetics of puerarin in rat hippocampus after acute local cerebral ischemia. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 196-201.	2.8	13
36	Haemostatic Nanoparticles-Derived Bioactivity of from Selaginella tamariscina Carbonisata. Molecules, 2020, 25, 446.	3.8	13

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37	Novel immunoassay and rapid immunoaffinity chromatography method for the detection and selective extraction of naringin in Citrus aurantium. Journal of Separation Science, 2016, 39, 1389-1398.	2.5	12
38	Development of a Fluorescence-Linked Immunosorbent Assay for Baicalin. Journal of Fluorescence, 2015, 25, 1371-1376.	2.5	11
39	A Sensitive and Specific Indirect Competitive Enzyme-Linked Immunosorbent Assay for Detection of Paeoniflorin and Its Application in Pharmacokinetic Interactions between Paeoniflorin and Glycyrrhizinic Acid. Planta Medica, 2015, 81, 765-770.	1.3	11
40	Development of an enzymeâ€linked immunosorbent assay and immunoaffinity chromatography for glycyrrhizic acid using an antiâ€glycyrrhizic acid monoclonal antibody. Journal of Separation Science, 2015, 38, 2363-2370.	2.5	10
41	Rapid, sensitive separation of the three main isoflavones in soybean using immunoaffinity chromatography. Journal of Separation Science, 2016, 39, 1195-1201.	2.5	10
42	Development of an Enzyme-Linked Immunosorbent Assay and Immunoaffinity Column Chromatography for Saikosaponin d Using an Anti-Saikosaponin d Monoclonal Antibody. Planta Medica, 2016, 82, 432-439.	1.3	7
43	A Highly Sensitive Immunochromatographic Strip Test for Rapid and Quantitative Detection of Saikosaponin d. Molecules, 2018, 23, 338.	3.8	7
44	Water-Soluble Carbon Dots in Cigarette Mainstream Smoke: Their Properties and the Behavioural, Neuroendocrinological, and Neurotransmitter Changes They Induce in Mice. International Journal of Nanomedicine, 2021, Volume 16, 2203-2217.	6.7	7
45	The Bioactivity of Scutellariae Radix Carbonisata-Derived Carbon Dots: Antiallergic Effect. Journal of Biomedical Nanotechnology, 2021, 17, 2485-2494.	1.1	7
46	The Effects of Sweet Foods on the Pharmacokinetics of Glycyrrhizic Acid by icELISA. Molecules, 2017, 22, 498.	3.8	6
47	Development of immunoaffinity chromatography to specifically knockout baicalin from Gegenqinlian Decoction. Journal of Separation Science, 2015, 38, 2746-2752.	2.5	5
48	Enzyme-Linked Immunosorbent Assay for Hyodeoxycholic Acid in Pharmaceutical Products Using a Monoclonal Antibody. Analytical Letters, 2015, 48, 1285-1296.	1.8	5
49	Gastroprotective effects of Nelumbinis Rhizomatis Nodus-derived carbon dots on ethanol-induced gastric ulcers in rats. Nanomedicine, 2021, 16, 1657-1671.	3.3	5
50	Determination of baicalin and ginsenoside Re in Banxia-Xiexin decoction using pharmacokinetics and icELISA analysis in mice. Effects of interaction between prescription herbs on the pharmacokinetics of compounds. Analytical Methods, 2015, 7, 3048-3053.	2.7	3
51	Development of an enzyme-linked immunosorbent assay for chenodeoxycholic acid using an anti-chenodeoxycholic acid monoclonal antibody. Analytical Methods, 2015, 7, 4583-4589.	2.7	3
52	Detection of total bile acids in biological samples using an indirect competitive ELISA based on four monoclonal antibodies. Analytical Methods, 2017, 9, 625-633.	2.7	3
53	Development of Fluorescence-Linked Immunosorbent Assay for Icariin. Journal of Fluorescence, 2017, 27, 1661-1665.	2.5	3
54	Development of Ecofriendly Carbon Dots for Improving Solubility and Antinociceptive Activity of Glycyrrhizic Acid. Journal of Biomedical Nanotechnology, 2021, 17, 640-651.	1.1	3

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55	Fluorescence Imaging, Metabolism, and Biodistribution of Biocompatible Carbon Dots Synthesized Using Punica granatum L. Peel. Journal of Biomedical Nanotechnology, 2022, 18, 381-393.	1.1	2
56	Development of a sensitive and reliable enzyme-linked immunosorbent assay for detecting naringin in human saliva. Analytical Methods, 2016, 8, 987-994.	2.7	1
57	A sensitive and specific indirect competitive enzyme-linked immunosorbent assay for the detection of icariin. Molecular Medicine Reports, 2017, 15, 411-416.	2.4	1
58	Development of a One-Step Lateral Flow Immunoassay for Rapid Detection of Icariin. Current Pharmaceutical Analysis, 2018, 14, .	0.6	1
59	Generation of Monoclonal Antibodies Against Natural Products. Journal of Visualized Experiments, 2019, , .	0.3	0
60	Development of a Lateral Flow Immunochromatographic Strip for Rapid and Quantitative Detection of Small Molecule Compounds. Journal of Visualized Experiments, 2021, , .	0.3	0