Kaisong Yuan

List of Publications by Year
in descending order

26	790	516561 16	552653 26
papers	citations	h-index	g-index

27	27	27	953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial peptide based magnetic recognition elements and Au@Ag-GO SERS tags with stable internal standards: a three in one biosensor for isolation, discrimination and killing of multiple bacteria in whole blood. Chemical Science, 2018, 9, 8781-8795.	3.7	149
2	2D Nanomaterials Wrapped Janus Micromotors with Built-in Multiengines for Bubble, Magnetic, and Light Driven Propulsion. Chemistry of Materials, 2020, 32, 1983-1992.	3.2	64
3	Dualâ€Propelled Lanbiotic Based Janus Micromotors for Selective Inactivation of Bacterial Biofilms. Angewandte Chemie - International Edition, 2021, 60, 4915-4924.	7.2	56
4	Nano/Micromotors for Diagnosis and Therapy of Cancer and Infectious Diseases. Chemistry - A European Journal, 2020, 26, 2309-2326.	1.7	45
5	Self-Assembly of Au@Ag Nanoparticles on Mussel Shell To Form Large-Scale 3D Supercrystals as Natural SERS Substrates for the Detection of Pathogenic Bacteria. ACS Omega, 2018, 3, 2855-2864.	1.6	44
6	Chip-based molecularly imprinted monolithic capillary array columns coated GO/SiO 2 for selective extraction and sensitive determination of rhodamine B in chili powder. Food Chemistry, 2017, 214, 664-669.	4.2	40
7	Molecularly imprinted coated graphene oxide solid-phase extraction monolithic capillary column for selective extraction and sensitive determination of phloxine B in coffee bean. Analytica Chimica Acta, 2015, 865, 16-21.	2.6	38
8	Colorimetric and SERS dual-mode sensing of mercury (II) based on controllable etching of Au@Ag core/shell nanoparticles. Sensors and Actuators B: Chemical, 2021, 330, 129364.	4.0	38
9	Janus Micromotors Coated with 2D Nanomaterials as Dynamic Interfaces for (Bio)-Sensing. ACS Applied Materials & Interfaces, 2020, 12, 46588-46597.	4.0	37
10	Light-driven nanomotors and micromotors: envisioning new analytical possibilities for bio-sensing. Mikrochimica Acta, 2020, 187, 581.	2.5	36
11	A simple, fast, and sensitive colorimetric assay for visual detection of berberine in human plasma by NaHSO₄-optimized gold nanoparticles. RSC Advances, 2017, 7, 34746-34754.	1.7	28
12	Smartphone-Based Janus Micromotors Strategy for Motion-Based Detection of Glutathione. Analytical Chemistry, 2021, 93, 16385-16392.	3.2	23
13	Design and Control of the Micromotor Swarm Toward Smart Applications. Advanced Intelligent Systems, 2021, 3, 2100002.	3.3	22
14	Chip-based dual-molecularly imprinted monolithic capillary array columns coated Ag/GO for selective extraction and simultaneous determination of bisphenol A and nonyl phenol in fish samples. Journal of Chromatography A, 2016, 1474, 14-22.	1.8	21
15	Strongly fluorescent cysteamine-coated copper nanoclusters as a fluorescent probe for determination of picric acid. Mikrochimica Acta, 2018, 185, 507.	2.5	21
16	DNA colorimetric logic gate in microfluidic chip based on unmodified gold nanoparticles and molecular recognition. Sensors and Actuators B: Chemical, 2018, 273, 559-565.	4.0	19
17	On-board smartphone micromotor-based fluorescence assays. Lab on A Chip, 2022, 22, 928-935.	3.1	16
18	Simultaneous Determination of Chloramphenicol, Ciprofloxacin, Nitrofuran Antibiotics and their Metabolites in Fishery Products by CE. Chromatographia, 2015, 78, 551-556.	0.7	14

#	Article	IF	Citations
19	Graphdiyne Micromotors in Living Biomedia. Chemistry - A European Journal, 2020, 26, 8471-8477.	1.7	14
20	Sensitive determination of rose bengal in brown sugar by a molecularly imprinted solid-phase extraction monolithic capillary column coupled with capillary electrophoresis. Analytical Methods, 2015, 7, 8297-8303.	1.3	13
21	A simple and compact fluorescence detection system for capillary electrophoresis and its application to food analysis. Electrophoresis, 2015, 36, 2509-2515.	1.3	11
22	Graphdiyne tubular micromotors: Electrosynthesis, characterization and self-propelled capabilities. Applied Materials Today, 2020, 20, 100743.	2.3	11
23	Dualâ€Propelled Lanbiotic Based Janus Micromotors for Selective Inactivation of Bacterial Biofilms. Angewandte Chemie, 2021, 133, 4965-4974.	1.6	10
24	Real-time monitoring of aristolochic acid I reduction process using surface-enhanced Raman Spectroscopy with DFT simulation. Biosensors and Bioelectronics, 2021, 179, 113061.	5.3	8
25	Design and Control of the Micromotor Swarm Toward Smart Applications. Advanced Intelligent Systems, 2021, 3, 2170052.	3.3	3
26	Frontispiece: Nano/Micromotors for Diagnosis and Therapy of Cancer and Infectious Diseases. Chemistry - A European Journal, 2020, 26, .	1.7	0