

# Mingliang Zhang

## List of Publications by Year in descending order

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27  
papers

751  
citations

623699

14  
h-index

526264

27  
g-index

28  
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28  
docs citations

28  
times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of deep eutectic solvents as novel mobile phase additives for improving the separation of bioactive quaternary alkaloids. <i>Talanta</i> , 2016, 149, 85-90.	5.5	106
2	Metformin is a novel suppressor for transforming growth factor (TGF)- $\beta$ 1. <i>Scientific Reports</i> , 2016, 6, 28597.	3.3	74
3	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. <i>Analytica Chimica Acta</i> , 2015, 887, 1-16.	5.4	73
4	Hairpin assembly-triggered cyclic activation of a DNA machine for label-free and ultrasensitive chemiluminescence detection of DNA. <i>Biosensors and Bioelectronics</i> , 2015, 68, 550-555.	10.1	63
5	Novel imidazolium-embedded and imidazolium-spaced octadecyl stationary phases for reversed phase liquid chromatography. <i>Talanta</i> , 2014, 126, 177-184.	5.5	48
6	A polar-embedded C30 stationary phase: Preparation and evaluation. <i>Journal of Chromatography A</i> , 2015, 1388, 133-140.	3.7	42
7	Solid-phase extraction of flavonoids in honey samples using carbamate-embedded triacontyl-modified silica sorbent. <i>Food Chemistry</i> , 2016, 204, 56-61.	8.2	40
8	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. <i>Analytical Methods</i> , 2014, 6, 469-475.	2.7	30
9	A novel urea-functionalized surface-confined octadecylimidazolium ionic liquid silica stationary phase for reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1365, 148-155.	3.7	27
10	Preparation and chromatographic evaluation of new branch-type diamide-embedded octadecyl stationary phase with enhanced shape selectivity. <i>Analytica Chimica Acta</i> , 2014, 833, 48-55.	5.4	25
11	A versatile polar-embedded polyphenyl phase for multimodal separation in liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1553, 81-89.	3.7	24
12	A new highly Zn <sup>2+</sup> -selective and "off-on" fluorescent chemosensor based on the pyrene group. <i>Analytical Methods</i> , 2015, 7, 8172-8176.	2.7	18
13	Single-molecule imaging reveals the stoichiometry change of $\beta$ -adrenergic receptors by a pharmacological biased ligand. <i>Chemical Communications</i> , 2016, 52, 7086-7089.	4.1	18
14	Homogenous formation and quaternization of urea-functionalized imidazolyl silane and its immobilization on silica for surface-confined ionic liquid stationary phases. <i>RSC Advances</i> , 2014, 4, 34654-34658.	3.6	15
15	Blue light-triggered optogenetic system for treating uveal melanoma. <i>Oncogene</i> , 2020, 39, 2118-2124.	5.9	15
16	Design and evaluation of polar-embedded stationary phases containing triacontyl group for liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1621, 461035.	3.7	15
17	Quantitative Characterization of the Membrane Dynamics of Newly Delivered TGF- $\beta$ 2 Receptors by Single-Molecule Imaging. <i>Analytical Chemistry</i> , 2018, 90, 4282-4287.	6.5	14
18	PDF is an endogenous inhibitor of VEGF-R2 angiogenesis signaling in endothelial cells. <i>Experimental Eye Research</i> , 2021, 213, 108828.	2.6	14

#	ARTICLE	IF	CITATIONS
19	Tuning selectivity via electronic interaction: Preparation and systematic evaluation of serial polar-embedded aryl stationary phases bearing large polycyclic aromatic hydrocarbons. <i>Analytica Chimica Acta</i> , 2018, 1036, 162-171.	5.4	13
20	Super-resolution imaging and tracking of TGF- $\beta$ 2 receptor II on living cells. <i>Science Bulletin</i> , 2016, 61, 632-638.	9.0	12
21	Mammalian actin-binding protein 1/HIP55 is essential for the scission of clathrin-coated pits by regulating dynamin-actin interaction. <i>FASEB Journal</i> , 2015, 29, 2495-2503.	0.5	11
22	A highly efficient acyl-transfer approach to urea-functionalized silanes and their immobilization onto silica gel as stationary phases for liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1626, 461366.	3.7	11
23	A docosyl-terminated polyamine amphiphile-bonded stationary phase for multimodal separations in liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1642, 462045.	3.7	10
24	uncoupling protein UCP2. <i>Neurochemistry International</i> , 2021, 151, 105214.	3.8	10
25	Single-molecule imaging reveals the stoichiometry change of epidermal growth factor receptor during transactivation by $\beta$ 2-adrenergic receptor. <i>Science China Chemistry</i> , 2017, 60, 1310-1317.	8.2	9
26	A carbonylative coupling approach to alkyl stationary phases with variable embedded carbamate groups for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1661, 462718.	3.7	8
27	Uncoupling Proteins as Therapeutic Targets for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5672.	4.1	5