Juanjuan Feng

List of Publications by Year
in descending order

85 papers	2,557 citations	147801 31 h-index	223800 46 g-index
86 all docs	86 docs citations	86 times ranked	1406 citing authors

#	Article	IF	Citations
1	Biochar nanosphere- and covalent organic framework nanosphere-functionalized titanium dioxide nanorod arrays on carbon fibers for solid-phase microextraction of organic pollutants. Chemical Engineering Journal, 2022, 433, 133645.	12.7	12
2	Development of aerogels in solid-phase extraction and microextraction. TrAC - Trends in Analytical Chemistry, 2022, 146, 116497.	11.4	30
3	Extraction performance-structure relationship of polyamidoamine dendrimers on silica for online solid-phase extraction of organic pollutants. Journal of Chromatography A, 2022, 1673, 463132.	3.7	5
4	Silica Aerogel Hybridized with Melamine-Terephthalaldehyde Polymer for In-Tube Solid-Phase Microextraction of Polycyclic Aromatic Hydrocarbons from Environment Water. Nanomaterials, 2022, 12, 1766.	4.1	0
5	Polyurethane functionalized silica aerogel for in-tube solid-phase microextraction of estrogens prior to high performance liquid chromatography detection. Microchemical Journal, 2022, 181, 107699.	4.5	12
6	Poly(ionic liquid)-hybridized silica aerogel for solid-phase microextraction of polycyclic aromatic hydrocarbons prior to gas chromatography-flame ionization detection. Mikrochimica Acta, 2021, 188, 96.	5.0	25
7	Triazine-based covalent porous organic polymer for the online in-tube solid-phase microextraction of polycyclic aromatic hydrocarbons prior to high-performance liquid chromatography-diode array detection. Journal of Chromatography A, 2021, 1641, 462004.	3.7	17
8	Recent advances of covalent organic frameworks for solid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2021, 137, 116208.	11.4	102
9	Polyaniline/titanium dioxide nanorods functionalized carbon fibers for in-tube solid-phase microextraction of phthalate esters prior to high performance liquid chromatography-diode array detection. Journal of Chromatography A, 2021, 1642, 462003.	3.7	23
10	Recent advances in micro- and nanomaterial-based adsorbents for pipette-tip solid-phase extraction. Mikrochimica Acta, 2021, 188, 189.	5.0	30
11	Recent Advances of Triazine-Based Materials for Adsorbent Based Extraction Techniques. Topics in Current Chemistry, 2021, 379, 24.	5.8	14
12	Graphene oxide-functionalized mesoporous silica for online in-tube solid-phase microextraction of polycyclic aromatic hydrocarbons from honey and detection by high performance liquid chromatography-diode array detector. Microchemical Journal, 2021, 166, 106263.	4.5	19
13	Dendritic mesoporous silica nanospheres@porous carbon for in-tube solid-phase microextraction to detect polycyclic aromatic hydrocarbons in tea beverages. Food Chemistry, 2021, 364, 130379.	8.2	29
14	Carbon fibers modified with carbon nanoparticles by a facile and fast flame preparation for in-tube solid-phase microextraction. Arabian Journal of Chemistry, 2021, , 103537.	4.9	2
15	Triazineâ€based organic polymers@SiO₂ nanospheres for sensitive solidâ€phase microextraction of polycyclic aromatic hydrocarbons. Journal of Separation Science, 2020, 43, 622-630.	2.5	16
16	Mesoporous silica hybridized by ordered mesoporous carbon for inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2020, 43, 3655-3664.	2.5	6
17	Corncob biochar as a coating for trace analysis of polycyclic aromatic hydrocarbons in water samples by online in-tube solid-phase microextraction coupled to high performance liquid chromatography. Microchemical Journal, 2020, 159, 105399.	4.5	11
18	A melamineâ€“formaldehyde-resorcinol aerogel as the sorbent of in-tube solid-phase microextraction. Microchemical Journal, 2020, 159, 105573.	4.5	7

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19	Application of Covalent Organic Porous Polymers-Functionalized Basalt Fibers for in-Tube Solid-Phase Microextraction. Molecules, 2020, 25, 5788.	3.8	9
20	Carbon nanotubes functionalized mesoporous silica for inâ€tube solidâ€phase microextraction of polycyclic aromatic hydrocarbons. Journal of Separation Science, 2020, 43, 3275-3284.	2.5	8
21	Recent advances of ionic liquids in sample preparation. TrAC - Trends in Analytical Chemistry, 2020, 125, 115833.	11.4	118
22	Application of biocharcoal aerogel sorbent for solidâ€phase microextraction of polycyclic aromatic hydrocarbons in water samples. Journal of Separation Science, 2020, 43, 4364-4373.	2.5	13
23	An ionic-liquid-modified melamine-formaldehyde aerogel for in-tube solid-phase microextraction of estrogens followed by high performance liquid chromatography with diode array detection. Mikrochimica Acta, 2019, 186, 769.	5.0	45
24	Carbonized silk fibers for inâ€tube solidâ€phase microextraction to detect polycyclic aromatic hydrocarbons in water samples. Journal of Separation Science, 2019, 42, 3535-3543.	2.5	8
25	Nanoâ€MoO₃ for highly selective enrichment of polycyclic aromatic hydrocarbons in inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2019, 42, 3363-3371.	2.5	12
26	A green extraction material â€" natural cotton fiber for inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2019, 42, 1051-1057.	2.5	2
27	Carbonized cotton fibers via a facile method for highly sensitive solidâ€phase microextraction of polycyclic aromatic hydrocarbons. Journal of Separation Science, 2019, 42, 2155-2162.	2.5	15
28	Polydopamineâ€coated cotton fibers as the adsorbent for inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2019, 42, 2163-2170.	2.5	18
29	Bare polyprolylene hollow fiber as extractive phase for inâ€tube solidâ€phase microextraction to determine estrogens in water samples. Journal of Separation Science, 2019, 42, 2398-2406.	2.5	17
30	Melamineâ€"Formaldehyde Aerogel Doped with Boron Nitride Nanosheets as the Coating of In-Tube Solid-Phase Microextraction. Chromatographia, 2019, 82, 757-766.	1.3	8
31	Melamine-formaldehyde aerogel functionalized with polydopamine as in-tube solid-phase microextraction coating for the determination of phthalate esters. Talanta, 2019, 199, 317-323.	5.5	50
32	A silica aerogel as an extractive coating for in-tube solid-phase microextraction to determine polycyclic aromatic hydrocarbons in water samples. Analytical Methods, 2019, 11, 5784-5792.	2.7	14
33	Nanostructured Silver Coating as a Stationary Phase for Capillary Gas Chromatography. Molecules, 2019, 24, 4491.	3.8	4
34	Ionic liquid-functionalized silica aerogel as coating for solid-phase microextraction. Journal of Chromatography A, 2019, 1583, 48-54.	3.7	82
35	An organic-inorganic hybrid silica aerogel prepared by co-precursor method for solid-phase microextraction coating. Talanta, 2019, 194, 370-376.	5.5	31
36	Ionic liquid chemically bonded basalt fibers for inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2018, 41, 1839-1846.	2.5	31

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37	Silicon carbide nanomaterial as a coating for solidâ€phase microextraction. Journal of Separation Science, 2018, 41, 1995-2002.	2.5	14
38	Basalt fibers functionalized with gold nanoparticles for inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2018, 41, 1149-1155.	2.5	16
39	Basalt fibers coated with nano-calcium carbonate for in-tube solid-phase microextraction and online analysis of estrogens coupled with high-performance liquid chromatography. Analytical Methods, 2018, 10, 2234-2241.	2.7	20
40	Co-Al bimetallic hydroxide nanocomposites coating for online in-tube solid-phase microextraction. Journal of Chromatography A, 2018, 1550, 1-7.	3.7	24
41	Diamond nanoparticles coating for inâ€tube solidâ€phase microextraction to detect polycyclic aromatic hydrocarbons. Journal of Separation Science, 2018, 41, 4480-4487.	2.5	15
42	Melamineâ€“formaldehyde aerogel coating for in-tube solid-phase microextraction. Journal of Chromatography A, 2018, 1577, 8-14.	3.7	28
43	Barium Sulfate Nanoparticles as a Coating for Solid-Phase Microextraction of Polycyclic Aromatic Hydrocarbons in Aqueous Samples. Chromatographia, 2018, 81, 1287-1292.	1.3	8
44	Basalt fibers grafted with a poly(ionic liquids) coating for inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2018, 41, 3267-3274.	2.5	24
45	A Nanospherical Metalâ€“Organic Framework UiO-66 for Solid-Phase Microextraction of Polycyclic Aromatic Hydrocarbons. Chromatographia, 2018, 81, 1053-1061.	1.3	21
46	In-situ hydrothermal synthesis of titanium dioxide nanorods on titanium wire for solid-phase microextraction of polycyclic aromatic hydrocarbons. Analytical and Bioanalytical Chemistry, 2017, 409, 4071-4078.	3.7	20
47	Mesoporous titanium oxide with highâ€specific surface area as a coating for inâ€tube solidâ€phase microextraction combined with highâ€performance liquid chromatography for the analysis of polycyclic aromatic hydrocarbons. Journal of Separation Science, 2017, 40, 2474-2481.	2.5	16
48	In situ hydrothermal growth of polyaniline coating for in-tube solid-phase microextraction towards ultraviolet filters in environmental water samples. Journal of Chromatography A, 2017, 1483, 48-55.	3.7	28
49	Silk fiber for in-tube solid-phase microextraction to detect aldehydes by chemical derivatization. Journal of Chromatography A, 2017, 1522, 16-22.	3.7	29
50	An organically modified silica aerogel for online in-tube solid-phase microextraction. Journal of Chromatography A, 2017, 1517, 203-208.	3.7	44
51	Electrophoretic deposition of graphene oxide onto carbon fibers for in-tube solid-phase microextraction. Journal of Chromatography A, 2017, 1517, 209-214.	3.7	53
52	Poly(ionic liquids)â€coated stainlessâ€steel wires packed into a polyether ether ketone tube for inâ€tube solidâ€phase microextraction. Journal of Separation Science, 2017, 40, 4773-4779.	2.5	22
53	A silver fibre prepared by a facile method for solid-phase microextraction of polycyclic aromatic hydrocarbons. Environmental Chemistry, 2017, 14, 451.	1.5	6
54	Facile and efficient poly(ethylene terephthalate) fibers-in-tube for online solid-phase microextraction towards polycyclic aromatic hydrocarbons. Analytical and Bioanalytical Chemistry, 2016, 408, 4871-4882.	3.7	35

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55	Goldâ€functionalized stainlessâ€steel wire and tube for fiberâ€inâ€tube solidâ€phase microextraction coupled to highâ€performance liquid chromatography for the determination of polycyclic aromatic hydrocarbons. Journal of Separation Science, 2016, 39, 932-938.	2.5	16
56	Graphene oxide reinforced polymeric ionic liquid monolith solidâ€phase microextraction sorbent for highâ€performance liquid chromatography analysis of phenolic compounds in aqueous environmental samples. Journal of Separation Science, 2016, 39, 375-382.	2.5	36
57	Development of a carbonâ€nanoparticleâ€coated stirrer for stir bar sorptive extraction by a simple carbon deposition in flame. Journal of Separation Science, 2016, 39, 918-922.	2.5	16
58	Ionic liquid coated copper wires and tubes for fiber-in-tube solid-phase microextraction. Journal of Chromatography A, 2016, 1458, 1-8.	3.7	40
59	Hollow fiber membrane-coated functionalized polymeric ionic liquid capsules for direct analysis of estrogens in milk samples. Analytical and Bioanalytical Chemistry, 2016, 408, 1679-1685.	3.7	26
60	Development of a cheap and accessible carbon fibers-in-poly(ether ether ketone) tube with high stability for online in-tube solid-phase microextraction. Talanta, 2016, 148, 313-320.	5.5	43
61	Nanostructuredâ€silverâ€coated polyetheretherketone tube for online inâ€tube solidâ€phase microextraction coupled with highâ€performance liquid chromatography. Journal of Separation Science, 2015, 38, 3239-3246.	2.5	24
62	Nanostructured copper-coated solid-phase microextraction fiber for gas chromatographic analysis of dibutyl phthalate and diethylhexyl phthalate environmental estrogens. Journal of Separation Science, 2015, 38, 128-133.	2.5	18
63	Development of a functionalized polymeric ionic liquid monolith for solid-phase microextraction of polar endocrine disrupting chemicals in aqueous samples coupled to high-performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2015, 407, 7025-7035.	3.7	38
64	Highly sensitive copper fiber-in-tube solid-phase microextraction for online selective analysis of polycyclic aromatic hydrocarbons coupled with high performance liquid chromatography. Journal of Chromatography A, 2015, 1408, 41-48.	3.7	52
65	Palladiumâ€coated stainlessâ€steel wire as a solidâ€phase microextraction fiber. Journal of Separation Science, 2015, 38, 1584-1590.	2.5	9
66	Facile modification of multi-walled carbon nanotubesâ€“polymeric ionic liquids-coated solid-phase microextraction fibers by on-fiber anion exchange. Journal of Chromatography A, 2015, 1393, 8-17.	3.7	45
67	Graphene coating bonded onto stainless steel wire as a solid-phase microextraction fiber. Talanta, 2015, 134, 200-205.	5.5	39
68	Improvement of the chromatographic separation performance of an imidazolium ionic liquid functionalized silica column by inÂsitu anionâ€exchange with dodecyl sulfonate and dodecylbenzene sulfonate anions. Journal of Separation Science, 2014, 37, 1283-1288.	2.5	10
69	Development of a solidâ€phase microextraction fiber by the chemical binding of graphene oxide on a silverâ€coated stainlessâ€steel wire with an ionic liquid as the crosslinking agent. Journal of Separation Science, 2014, 37, 3691-3698.	2.5	13
70	Dicationic imidazolium ionic liquid modified silica as a novel reversed-phase/anion-exchange mixed-mode stationary phase for high-performance liquid chromatography. Journal of Separation Science, 2014, 37, 2153-2159.	2.5	32
71	A novel chemiluminescence sensor for determination of vanillin with magnetiteâ€“graphene oxide molecularly imprinted polymers. Analytical Methods, 2014, 6, 8706-8712.	2.7	18
72	Multiwalled carbon nanotubes-doped polymeric ionic liquids coating for multiple headspace solid-phase microextraction. Talanta, 2014, 123, 18-24.	5.5	42

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73	Benzimidazole modified silica as a novel reversed-phase and anion-exchange mixed-mode stationary phase for HPLC. Talanta, 2013, 105, 135-141.	5.5	32
74	CNTâ€“TiO2 coating bonded onto stainless steel wire as a novel solid-phase microextraction fiber. Talanta, 2013, 114, 60-65.	5.5	46
75	A solid-phase microextraction fiber with carbon nanoparticles as sorbent material prepared by a simple flame-based preparation process. Journal of Chromatography A, 2013, 1300, 173-179.	3.7	38
76	Novel double-confined polymeric ionic liquids as sorbents for solid-phase microextraction with enhanced stability and durability in high-ionic-strength solution. Journal of Chromatography A, 2012, 1268, 16-21.	3.7	42
77	Ionic liquids-based crosslinked copolymer sorbents for headspace solid-phase microextraction of polar alcohols. Journal of Chromatography A, 2012, 1245, 32-38.	3.7	48
78	A novel aromatically functional polymeric ionic liquid as sorbent material for solid-phase microextraction. Journal of Chromatography A, 2012, 1227, 54-59.	3.7	72
79	Graphene oxide bonded fusedâ€silica fiber for solidâ€phase microextractionâ€gas chromatography of polycyclic aromatic hydrocarbons in water. Journal of Separation Science, 2012, 35, 93-100.	2.5	92
80	Preparation of a polymeric ionic liquid-coated solid-phase microextraction fiber by surface radical chain-transfer polymerization with stainless steel wire as support. Journal of Chromatography A, 2011, 1218, 7758-7764.	3.7	67
81	A novel silver-coated solid-phase microextraction metal fiber based on electroless plating technique. Analytica Chimica Acta, 2011, 701, 174-180.	5.4	95
82	Preparation of metal wire supported solidâ€phase microextraction fiber coated with multiâ€walled carbon nanotubes. Journal of Separation Science, 2011, 34, 2482-2488.	2.5	27
83	Polydopamine supported preparation method for solid-phase microextraction coatings on stainless steel wire. Journal of Chromatography A, 2011, 1218, 3601-3607.	3.7	32
84	Dipyridine modified silicaâ€"A novel multi-interaction stationary phase for high performance liquid chromatography. Journal of Chromatography A, 2011, 1218, 3743-3749.	3.7	35
85	Au nanoparticles as a novel coating for solid-phase microextraction. Journal of Chromatography A, 2010, 1217, 8079-8086.	3.7	132