

Abdul Malik

List of Publications by Year in descending order

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304743

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1101
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#	ARTICLE	IF	CITATIONS
1	Solâ€“Gel Coating Technology for the Preparation of Solid-Phase Microextraction Fibers of Enhanced Thermal Stability. <i>Analytical Chemistry</i> , 1997, 69, 3889-3898.	6.5	386
2	Solâ€“Gel Monolithic Columns with Reversed Electroosmotic Flow for Capillary Electrochromatography. <i>Analytical Chemistry</i> , 2000, 72, 4090-4099.	6.5	210
3	Innovations in sol-gel microextraction phases for solvent-free sample preparation in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 197-218.	11.4	161
4	Solâ€“Gel Column Technology for Single-Step Deactivation, Coating, and Stationary-Phase Immobilization in High-Resolution Capillary Gas Chromatography. <i>Analytical Chemistry</i> , 1997, 69, 4566-4576.	6.5	154
5	Solâ€“Gel Capillary Microextraction. <i>Analytical Chemistry</i> , 2002, 74, 752-761.	6.5	149
6	Advances in sol-gel based columns for capillary electrochromatography: Sol-gel open-tubular columns. <i>Electrophoresis</i> , 2002, 23, 3973-3992.	2.4	90
7	Solâ€“gel approach to in situ creation of high pH-resistant surface-bonded organicâ€“inorganic hybrid zirconia coating for capillary microextraction (in-tube SPME). <i>Journal of Chromatography A</i> , 2005, 1062, 1-14.	3.7	90
8	Solâ€“Gel Open Tubular ODS Columns with Reversed Electroosmotic Flow for Capillary Electrochromatography. <i>Analytical Chemistry</i> , 2001, 73, 987-996.	6.5	82
9	Solâ€“gel chemistry-based Ucon-coated columns for capillary electrophoresis. <i>Biomedical Applications</i> , 1997, 695, 3-13.	1.7	76
10	Ionic liquid-mediated solâ€“gel coatings for capillary microextraction. <i>Journal of Chromatography A</i> , 2009, 1216, 5449-5458.	3.7	65
11	Capillary microextraction on solâ€“gel dendrimer coatings. <i>Journal of Chromatography A</i> , 2004, 1034, 1-11.	3.7	59
12	Parts per quadrillion level ultra-trace determination of polar and nonpolar compounds via solvent-free capillary microextraction on surface-bonded solâ€“gel polytetrahydrofuran coating and gas chromatographyâ€“flame ionization detection. <i>Journal of Chromatography A</i> , 2004, 1047, 1-13.	3.7	49
13	Solâ€“gel immobilized cyano-polydimethylsiloxane coating for capillary microextraction of aqueous trace analytes ranging from polycyclic aromatic hydrocarbons to free fatty acids. <i>Journal of Chromatography A</i> , 2006, 1124, 205-216.	3.7	47
14	Germania-Based, Solâ€“Gel Hybrid Organicâ€“Inorganic Coatings for Capillary Microextraction and Gas Chromatography. <i>Analytical Chemistry</i> , 2007, 79, 9441-9451.	6.5	46
15	Ultra-high-stability, pH-resistant solâ€“gel titania poly(tetrahydrofuran) coating for capillary microextraction on-line coupled to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 4329-4338.	3.7	42
16	Positively Charged Solâ€“Gel Coatings for On-Line Preconcentration of Amino Acids in Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2004, 76, 218-227.	6.5	40
17	Ionic liquid-mediated bis[(3-methyldimethoxysilyl)propyl] polypropylene oxide-based polar solâ€“gel coatings for capillary microextraction. <i>Journal of Chromatography A</i> , 2009, 1216, 6349-6355.	3.7	40
18	Solâ€“gel immobilized short-chain poly(ethylene glycol) coating for capillary microextraction of underivatized polar analytes. <i>Journal of Chromatography A</i> , 2007, 1174, 50-62.	3.7	38

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19	Sol-gel methyl coating in capillary microextraction hyphenated on-line with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1200, 62-71.	3.7	28
20	Sol-gel microextraction phases for sample preconcentration in chromatographic analysis. <i>Journal of Separation Science</i> , 2010, 33, 3075-3096.	2.5	28
21	Solvent-resistant sol-gel polydimethyldiphenylsiloxane coating for on-line hyphenation of capillary microextraction with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1205, 26-35.	3.7	24
22	Synthesis of benzyl-terminated dendrons for use in high-resolution capillary gas chromatography. <i>Tetrahedron Letters</i> , 2001, 42, 7537-7541.	1.4	22
23	Sol-Gel Germania Triblock Polymer Coatings of Exceptional pH Stability in Capillary Microextraction Online-Coupled to High-Performance Liquid Chromatography. <i>Analytical Chemistry</i> , 2010, 82, 4107-4113.	6.5	22
24	Sol-gel coatings with covalently attached methyl, octyl, and octadecyl ligands for capillary microextraction. Effects of alkyl chain length and sol-gel precursor concentration on extraction behavior. <i>Journal of Chromatography A</i> , 2009, 1216, 7677-7686.	3.7	18
25	Sol-gel niobia sorbent with a positively charged octadecyl ligand providing enhanced enrichment of nucleotides and organophosphorus pesticides in capillary microextraction for online HPLC analysis. <i>Journal of Separation Science</i> , 2018, 41, 1663-1673.	2.5	13
26	Silica- and germania-based dual-ligand sol-gel organic-inorganic hybrid sorbents combining superhydrophobicity and π - π interaction. The role of inorganic substrate in sol-gel capillary microextraction. <i>Analytica Chimica Acta</i> , 2017, 964, 96-111.	5.4	10
27	High-temperature solvent stability of sol-gel germania triblock polymer coatings in capillary microextraction on-line coupled to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 5746-5752.	3.7	9
28	Nonhydrolytic sol-gel approach to facile creation of surface-bonded zirconia organic-inorganic hybrid coatings for sample preparation. $\hat{\text{I}}^{\text{TM}}$. Capillary microextraction of catecholamine neurotransmitters. <i>Journal of Chromatography A</i> , 2016, 1468, 23-32.	3.7	9
29	Tantala-based sol-gel coating for capillary microextraction on-line coupled to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1522, 38-47.	3.7	5