

Yihe Wang

List of Publications by Year in descending order

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17
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793
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759233

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times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic Arrays of Breast Tumor Spheroids for Drug Screening and Personalized Cancer Therapies. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101085.	7.6	48
2	Machine learning for sperm selection. <i>Nature Reviews Urology</i> , 2021, 18, 387-403.	3.8	39
3	Deep learning-based selection of human sperm with high DNA integrity. <i>Communications Biology</i> , 2019, 2, 250.	4.4	64
4	Live sperm trap microarray for high throughput imaging and analysis. <i>Lab on A Chip</i> , 2019, 19, 815-824.	6.0	19
5	Prediction of DNA Integrity from Morphological Parameters Using a Single Sperm DNA Fragmentation Index Assay. <i>Advanced Science</i> , 2019, 6, 1900712.	11.2	23
6	Thermoplastic microfluidic devices for targeted chemical and biological applications. <i>RSC Advances</i> , 2017, 7, 2884-2889.	3.6	27
7	Supramolecular Nanofibrillar Thermoreversible Hydrogel for Growth and Release of Cancer Spheroids. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6083-6087.	13.8	66
8	Supramolecular Nanofibrillar Thermoreversible Hydrogel for Growth and Release of Cancer Spheroids. <i>Angewandte Chemie</i> , 2017, 129, 6179-6183.	2.0	11
9	Two-dimensional arrays of cell-laden polymer hydrogel modules. <i>Biomicrofluidics</i> , 2016, 10, 014110.	2.4	12
10	Temperature-Responsive Nanofibrillar Hydrogels for Cell Encapsulation. <i>Biomacromolecules</i> , 2016, 17, 3244-3251.	5.4	64
11	In Situ-Generated Co ⁰ -Co ₃ O ₄ /N-Doped Carbon Nanotubes Hybrids as Efficient and Chemoselective Catalysts for Hydrogenation of Nitroarenes. <i>ACS Catalysis</i> , 2015, 5, 4783-4789.	11.2	363
12	Excess molar enthalpies of {diethyl oxalate+(methanol, +ethanol, +1-propanol, and +2-propanol)} at T=(288.2, 298.2, 313.2, and 328.2)K and p=101.3kPa. <i>Journal of Chemical Thermodynamics</i> , 2013, 64, 167-171.	2.0	4
13	Exploring a direct injection method for microfluidic generation of polymer microgels. <i>Lab on A Chip</i> , 2013, 13, 2547.	6.0	18
14	Excess molar enthalpies of diethyl malonate+ (1-butanol, 2-methyl-1-propanol, 1-pentanol, n-heptane,) <i>J Chem Eng Data</i> , 2010, 291, 8-12.	2.5	20
15	Excess Molar Enthalpies of Diethyl Malonate + (Methanol, + Ethanol, + 1-Propanol, and + 2-Propanol) at $T = (288.2, 298.2, 313.2, \text{ and } 328.2) \text{ K}$ and $p = 101.3 \text{ kPa}$. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 381-384.	1.9	5
16	Excess Molar Volumes of 1,3-Diethyl Propanedioate with Methanol, Ethanol, Propan-1-ol, Propan-2-ol, Butan-2-ol, 2-Methyl-propan-1-ol, and Pentan-1-ol at $T = (288.15, 298.15, 313.15, \text{ and } 328.15) \text{ K}$. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 4029-4032.	1.9	7
17	Excess Molar Enthalpies of Five Binary Systems Containing Ethyl Acetoacetate at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 1308-1310.	1.9	3