Yihe Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12183380/publications.pdf

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17	793	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	1162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In Situ-Generated Co⁰-Co₃O₄/N-Doped Carbon Nanotubes Hybrids as Efficient and Chemoselective Catalysts for Hydrogenation of Nitroarenes. ACS Catalysis, 2015, 5, 4783-4789.	11.2	363
2	Supramolecular Nanofibrillar Thermoreversible Hydrogel for Growth and Release of Cancer Spheroids. Angewandte Chemie - International Edition, 2017, 56, 6083-6087.	13.8	66
3	Temperature-Responsive Nanofibrillar Hydrogels for Cell Encapsulation. Biomacromolecules, 2016, 17, 3244-3251.	5.4	64
4	Deep learning-based selection of human sperm with high DNA integrity. Communications Biology, 2019, 2, 250.	4.4	64
5	Microfluidic Arrays of Breast Tumor Spheroids for Drug Screening and Personalized Cancer Therapies. Advanced Healthcare Materials, 2022, 11, e2101085.	7.6	48
6	Machine learning for sperm selection. Nature Reviews Urology, 2021, 18, 387-403.	3.8	39
7	Thermoplastic microfluidic devices for targeted chemical and biological applications. RSC Advances, 2017, 7, 2884-2889.	3.6	27
8	Prediction of DNA Integrity from Morphological Parameters Using a Singleâ€Sperm DNA Fragmentation Index Assay. Advanced Science, 2019, 6, 1900712.	11.2	23
9	Excess molar enthalpies of diethyl malonate+ (1-butanol, 2-methyl-1-propanol, 1-pentanol, n-heptane,) Tj ETQq1 1 0.784314 rgBT /Ov 2010, 291, 8-12.	2.5	20
10	Live sperm trap microarray for high throughput imaging and analysis. Lab on A Chip, 2019, 19, 815-824.	6.0	19
11	Exploring a direct injection method for microfluidic generation of polymer microgels. Lab on A Chip, 2013, 13, 2547.	6.0	18
12	Two-dimensional arrays of cell-laden polymer hydrogel modules. Biomicrofluidics, 2016, 10, 014110.	2.4	12
13	Supramolecular Nanofibrillar Thermoreversible Hydrogel for Growth and Release of Cancer Spheroids. Angewandte Chemie, 2017, 129, 6179-6183.	2.0	11
14	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, and 328.15) K. Journal of Chemical & Engineering Data, 2010, 55, 4029-4032.	1.9	7
15	Excess Molar Enthalpies of Diethyl Malonate + (Methanol, + Ethanol, + 1-Propanol, and + 2-Propanol) at T = (288.2, 298.2, 313.2, and 328.2) K and p = 101.3 kPa. Journal of Chemical & Engineering Data, 2010, 55, 381-384.	1.9	5
16	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. Journal of Chemical Thermodynamics, 2013, 64, 167-171.	2.0	4
17	Excess Molar Enthalpies of Five Binary Systems Containing Ethyl Acetoacetate at Different Temperatures. Journal of Chemical & Engineering Data, 2009, 54, 1308-1310.	1.9	3