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## List of Publications by Year in descending order

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70  
papers

2,272  
citations

279701

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Vesicle formation of single-tailed amphiphilic alkyltrimethylammonium bromides in water induced by dehydration–rehydration. <i>Soft Matter</i> , 2022, 18, 2072-2081.	1.2	2
2	Adsorption of Cetylpyridinium Chloride at Silica Nanoparticle/Water Interfaces (II): Dependence of Surface Aggregation on Particle Size. <i>Langmuir</i> , 2022, 38, 4048-4058.	1.6	3
3	Primitive nucleobases @ sodium 2-Ketooctanoate vesicles with high salt resistance. <i>Journal of Molecular Liquids</i> , 2022, 360, 119516.	2.3	1
4	Model prediction of the point of zero net charge of layered double hydroxides and clay minerals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125860.	2.3	9
5	Solvothermal synthesis of carbonate-type layered double hydroxide monolayer nanosheets: Solvent selection based on characteristic parameter matching criterion. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 324-333.	5.0	4
6	Vesicle formation of single-chain amphiphilic 4-dodecylbenzene sulfonic acid in water and micelle-to-vesicle transition induced by wet–dry cycles. <i>Soft Matter</i> , 2021, 17, 2490-2499.	1.2	7
7	Spontaneous vesicle formation and vesicle-to-gel transition in aqueous mixtures of sodium monododecylphosphate and guanidinium salts. <i>Soft Matter</i> , 2021, 17, 4604-4614.	1.2	2
8	Sodium Monododecylphosphate Vesicles Formed in Alcohol/Water Mixtures. <i>ChemNanoMat</i> , 2021, 7, 553-560.	1.5	2
9	Single Platinum Atoms Immobilized on Monolayer Tungsten Trioxide Nanosheets as an Efficient Electrocatalyst for Hydrogen Evolution Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2009770.	7.8	53
10	Vesicles composed of the single-chain amphiphile sodium monododecylphosphate: A model of protocell compartment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126374.	2.3	5
11	Adsorption of Cetylpyridinium Chloride at Silica Nanoparticle/Water Interfaces (I): Dependence of Adsorption Equilibrium on Particle Size. <i>Langmuir</i> , 2021, 37, 7966-7974.	1.6	5
12	Size-dependent dissociation of surface hydroxyl groups of silica in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127446.	2.3	2
13	An aqueous two-phase system formed in single-component solution of $\beta$ -ketooctanoic acid. <i>RSC Advances</i> , 2021, 11, 34245-34249.	1.7	3
14	Facile synthesis of silicon-doped polymeric carbon nitride with enhanced photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152488.	2.8	12
15	Synthesis of hierarchically mesoporous polymeric carbon nitride with mesoporous melamine as a precursor for enhanced photocatalytic performance. <i>Chemical Engineering Journal</i> , 2020, 380, 122535.	6.6	25
16	The photovoltaic performance of CdS/CdSe quantum dots co-sensitized solar cells based on zinc titanium mixed metal oxides. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 115, 113669.	1.3	19
17	Investigation of the CdS quantum dot sensitized solar cells based on a series of zinc titanium mixed metal oxides. <i>Optical Materials</i> , 2020, 107, 110059.	1.7	4
18	Specific Ion Effects on the Colloidal Stability of Layered Double Hydroxide Single-layer Nanosheets. <i>Langmuir</i> , 2020, 36, 6557-6568.	1.6	23

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19	A novel ZnS/SiO <sub>2</sub> double passivation layers for the CdS/CdSe quantum dots co-sensitized solar cells based on zinc titanium mixed metal oxides. <i>Solar Energy Materials and Solar Cells</i> , 2020, 208, 110380.	3.0	22
20	Space-confined synthesis of monolayer molybdenum disulfide using tetrathiomolybdate intercalated layered double hydroxide as precursor. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 183-191.	5.0	13
21	Preparation and photovoltaic properties of dye-sensitized solar cells based on zinc titanium mixed metal oxides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 59-65.	2.3	23
22	Facile Construction of Defect-rich Rhenium Disulfide/Graphite Carbon Nitride Heterojunction via Electrostatic Assembly for Fast Charge Separation and Photoactivity Enhancement. <i>ChemCatChem</i> , 2019, 11, 1633-1642.	1.8	23
23	Facile synthesis of indium hydroxide nanosheet/bismuth molybdate hierarchical microsphere heterojunction with enhanced photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 301-310.	5.0	33
24	Estimation of surface free energy and solubility parameters of Mg Al layered double hydroxides. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 361-370.	5.0	9
25	Understanding Li-Al-CO <sub>3</sub> layered double hydroxides. (I) Urea-supported hydrothermal synthesis. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 183-189.	5.0	17
26	Understanding Li-Al-CO <sub>3</sub> layered double hydroxides. (II) Interface electrochemical properties. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 217-223.	5.0	8
27	The effect of CuS counter electrodes for the CdS/CdSe quantum dot co-sensitized solar cells based on zinc titanium mixed metal oxides. <i>Journal of Materials Science</i> , 2019, 54, 4884-4892.	1.7	15
28	Synthesis and photocatalytic activity of BiOBr nanosheets with tunable crystal facets and sizes. <i>Catalysis Science and Technology</i> , 2018, 8, 2588-2597.	2.1	64
29	Iron-doped Bismuth Tungstate with an Excellent Photocatalytic Performance. <i>ChemCatChem</i> , 2018, 10, 3040-3048.	1.8	47
30	Synthesis of layered double hydroxide/poly( <i>N</i> -isopropylacrylamide) nanocomposite hydrogels with excellent mechanical and thermoresponsive performances. <i>Soft Matter</i> , 2018, 14, 1789-1798.	1.2	41
31	Model of protocell compartments – dodecyl hydrogen sulfate vesicles. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1332-1336.	1.3	8
32	The prospective photo anode composed of zinc tin mixed metal oxides for the dye-sensitized solar cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 547, 111-116.	2.3	13
33	Enhanced charge carrier separation of manganese-doped graphitic carbon nitride: formation of Na-Mn bonds through redox reactions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6238-6243.	5.2	40
34	Supramolecular gels: using an amide-functionalized imidazolium-based surfactant. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 215-221.	5.0	21
35	Spontaneous vesicle formation and vesicle-to-micelle transition of sodium 2-ketooctanoate in water. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 265-274.	5.0	23
36	Analysis of Adsorbed Layers of Benzyltrimethylammonium Bromide on Silica Particles in Water Using the Sorbent Mass Variation Method. <i>Langmuir</i> , 2018, 34, 12802-12808.	1.6	3

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37	Adsorption of benzyldimethyldodecylammonium bromide on silica nanoparticles in water. <i>Colloid and Polymer Science</i> , 2018, 296, 341-353.	1.0	5
38	Vesicles of 2-ketooctanoic acid in water. <i>Soft Matter</i> , 2017, 13, 2246-2252.	1.2	19
39	Microviscosity, encapsulation, and permeability of 2-ketooctanoic acid vesicle membranes. <i>Soft Matter</i> , 2017, 13, 3514-3520.	1.2	9
40	Betamethasone dipropionate intercalated layered double hydroxide and the composite with liposome for improved water dispersity. <i>Applied Clay Science</i> , 2017, 143, 336-344.	2.6	18
41	Enhancing fructooligosaccharides production by genetic improvement of the industrial fungus <i>Aspergillus niger</i> ATCC 20611. <i>Journal of Biotechnology</i> , 2017, 249, 25-33.	1.9	48
42	Preparation and photovoltaic properties of CdS quantum dot-sensitized solar cell based on zinc tin mixed metal oxides. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 223-228.	5.0	24
43	Molecular dynamics simulation of sodium dodecylsulfate (SDS) bilayers. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 227-235.	5.0	15
44	Preparation and characterization of (betamethasone sodium phosphate intercalated layered double) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Aspects, 2017, 529, 824-831.	2.3	17
45	Thickness-determined photocatalytic performance of bismuth tungstate nanosheets. <i>RSC Advances</i> , 2016, 6, 31744-31750.	1.7	20
46	Inflating Strategy To Form Ultrathin Hollow MnO <sub>2</sub> Nanoballoons. <i>ACS Nano</i> , 2016, 10, 5916-5921.	7.3	41
47	Large-scale aqueous synthesis of layered double hydroxide single-layer nanosheets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 501, 49-54.	2.3	31
48	The formation and stability of sodium dodecylsulfate vesicles mediated by rough glass surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 195-202.	2.3	8
49	Formation of simple single-tailed vesicles mediated by lipophilic solid surfaces. <i>Soft Matter</i> , 2016, 12, 8574-8580.	1.2	6
50	Alcohol Effect and the Related Mechanism on Fructose Dehydration into 5-Hydroxymethylfurfural in the Deep Eutectic Solvent of [Emim]Cl/Alcohol. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3995-4002.	3.2	40
51	Sorption of Pb(II) on carboxymethyl chitosan-conjugated magnetite nanoparticles: application of sorbent dosage-dependent isotherms. <i>Colloid and Polymer Science</i> , 2016, 294, 1369-1379.	1.0	13
52	Fabrication of pore-rich nitrogen-doped graphene aerogel. <i>RSC Advances</i> , 2016, 6, 23012-23015.	1.7	12
53	Wavelength-dependent differences in photocatalytic performance between BiOBr nanosheets with dominant exposed (0 0 1) and (0 1 0) facets. <i>Applied Catalysis B: Environmental</i> , 2016, 187, 342-349.	10.8	129
54	Thickness-dependent photocatalytic activity of bismuth oxybromide nanosheets with highly exposed (0) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	10.8	92

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55	A Nonconventional Model of Protocell-like Vesicles: Anionic Clay Surface-Mediated Formation from a Single-Tailed Amphiphile. <i>Langmuir</i> , 2015, 31, 12579-12586.	1.6	9
56	Conjugated polyene-modified Bi <sub>2</sub> MoO <sub>6</sub> (MMo or W) for enhancing visible light photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2015, 172-173, 27-36.	10.8	70
57	Rough Glass Surface-Mediated Transition of Micelle-to-Vesicle in Sodium Dodecylbenzenesulfonate Solutions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3762-3767.	1.2	10
58	Sorbent effect on the sorption of Cr(VI) on a Mg <sub>6</sub> AlFe-layered double hydroxide and its calcined product in aqueous solutions. <i>Colloid and Polymer Science</i> , 2015, 293, 1961-1969.	1.0	19
59	Synthesis and release behavior of a hybrid of camptothecin intercalated dodecyl sulfate modified layered double hydroxide. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 137-143.	1.3	6
60	Preparation and properties of mixed metal oxides based layered double hydroxide as anode materials for dye-sensitized solar cell. <i>Chemical Engineering Journal</i> , 2014, 250, 1-5.	6.6	59
61	Vesicles composed of one simple single-tailed surfactant. <i>Chemical Communications</i> , 2014, 50, 10573-10576.	2.2	19
62	Synthesis, characterization and enhanced visible light photocatalytic activity of Bi <sub>2</sub> MoO <sub>6</sub> /Zn-Al layered double hydroxide hierarchical heterostructures. <i>Catalysis Science and Technology</i> , 2014, 4, 1028-1037.	2.1	150
63	Synthesis and thermal properties of ZnAl layered double hydroxide by urea hydrolysis. <i>Powder Technology</i> , 2014, 253, 41-45.	2.1	101
64	Synthesis, characterization, and visible-light photocatalytic activity of BiOI hierarchical flower-like microspheres. <i>RSC Advances</i> , 2014, 4, 31393-31399.	1.7	44
65	Rough Glass Surface-Mediated Formation of Vesicles from Lauryl Sulfobetaine Micellar Solutions. <i>Langmuir</i> , 2014, 30, 11543-11551.	1.6	10
66	Sorption of Cr(VI) on Mg-Al-Fe layered double hydroxides synthesized by a mechanochemical method. <i>RSC Advances</i> , 2014, 4, 46823-46830.	1.7	44
67	Synthesis and characterization of g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> MoO <sub>6</sub> heterojunctions with enhanced visible light photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 89-97.	10.8	510
68	A sorbent concentration-dependent Freundlich isotherm. <i>Colloid and Polymer Science</i> , 2013, 291, 541-550.	1.0	27
69	Vesicle stability in aqueous mixtures of zwitterionic/anionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 312, 104-112.	2.3	22
70	A Novel Composite: Layered Double Hydroxides Encapsulated in Vesicles. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13909-13913.	1.2	21