

Vronique Schmitt

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7151951/veronique-schmitt-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

4,023
citations

36
h-index

62
g-index

94
ext. papers

4,405
ext. citations

4.9
avg, IF

5.46
L-index

#	Paper	IF	Citations
90	Pickering emulsions stabilized by biodegradable dextran-based nanoparticles featuring enzyme responsiveness and co-encapsulation of actives.. <i>Carbohydrate Polymers</i> , 2022 , 284, 119146	10.3	1
89	Elaboration of capsules from Pickering double emulsion polymerization stabilized solely by cellulose nanocrystals.. <i>Carbohydrate Polymers</i> , 2022 , 279, 118997	10.3	1
88	(Hydroxypropyl)methyl cellulose-chitosan film as a matrix for lipase immobilization: Operational and morphological study. <i>Molecular Catalysis</i> , 2022 , 522, 112252	3.3	0
87	Breaking of Emulsions with Chemical Additives: Using Surrogate Fluids to Develop a Novel Theoretical Framework and Its Application to Water-in-Crude Oil Emulsions. <i>ACS Omega</i> , 2021 , 6, 27976-27983	3.9	0
86	New Insights into the Formulation and Polymerization of Pickering Emulsions Stabilized by Natural Organic Particles. <i>Macromolecules</i> , 2021 , 54, 4945-4970	5.5	13
85	Pickering emulsions stabilized by thermoresponsive oligo(ethylene glycol)-based microgels: Effect of temperature-sensitivity on emulsion stability. <i>Journal of Colloid and Interface Science</i> , 2021 , 589, 96-109	8.3	10
84	Green Hydrophilic Capsules From Cellulose Nanocrystal-Stabilized Pickering Emulsion Polymerization: Morphology Control and Spongelike Behavior. <i>Biomacromolecules</i> , 2021 , 22, 3497-3509	6.9	4
83	Effect of a Surfactant Mixture on Coalescence Occurring in Concentrated Emulsions: The Hole Nucleation Theory Revisited. <i>Langmuir</i> , 2021 , 37, 8726-8737	4	5
82	Elaboration of double emulsion-based polymeric capsules for fragrance. <i>Colloid and Polymer Science</i> , 2021 , 299, 179-191	2.4	2
81	Spatio-temporal control over destabilization of Pickering emulsions stabilized by light-sensitive dextran-based nanoparticles. <i>Carbohydrate Polymers</i> , 2021 , 269, 118261	10.3	1
80	Formulation of concentrated oil-in-water-in-oil double emulsions for fragrance encapsulation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 592, 124564	5.1	14
79	Sugar-responsive Pickering emulsions mediated by switching hydrophobicity in microgels. <i>Journal of Colloid and Interface Science</i> , 2020 , 561, 481-493	9.3	14
78	Cross-linking of double oil-in-water-in-oil emulsions: A new way for fragrance encapsulation with tunable sustained release. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 607, 125448	5.1	6
77	Dextran-Based Nanoparticles to Formulate pH-Responsive Pickering Emulsions: A Fully Degradable Vector at a Day Scale. <i>Biomacromolecules</i> , 2020 , 21, 5358-5368	6.9	5
76	Coalescence in concentrated emulsions: theoretical predictions and comparison with experimental bottle test behaviour. <i>Soft Matter</i> , 2020 , 16, 10301-10309	3.6	5
75	Encapsulation of lipophilic fragrance by polymerization of the intermediate aqueous phase of an oil-in-water-in-oil (O/W/O) double emulsion. <i>Polymer Chemistry</i> , 2019 , 10, 4154-4162	4.9	14
74	Bitumen@SiO ₂ core-shell particles green synthesis towards flowable powdered bitumen and their binder applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 570, 531-543	5.1	4

73	Kinetics of spontaneous microgels adsorption and stabilization of emulsions produced using microfluidics. <i>Journal of Colloid and Interface Science</i> , 2019 , 548, 1-11	9.3	16
72	Investigation of mixed ionic/nonionic building blocks for the dual templating of macro-mesoporous silica. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 385-400	9.3	7
71	Colloidal tectonics for tandem synergistic Pickering interfacial catalysis: oxidative cleavage of cyclohexene oxide into adipic acid. <i>Chemical Science</i> , 2019 , 10, 501-507	9.4	17
70	Sol-gel process and complex fluids: sculpting porous matter at various lengths scales towards the Si(HIPE), Si(PHIPE), and SBA-15-Si(HIPE) series. <i>Journal of Sol-Gel Science and Technology</i> , 2019 , 90, 95-104 ^{2,3}	9.3	4
69	Particles with tunable wettability for solid-stabilized emulsions. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 219-230	1.5	4
68	Convenient Synthesis of Hybrid Polymer Materials by AGET-ATRP Polymerization of Pickering Emulsions Stabilized by Cellulose Nanocrystals Grafted with Reactive Moieties. <i>Biomacromolecules</i> , 2019 , 20, 490-501	6.9	25
67	From Compartmentalization of Bacteria within Inorganic Macrocellular Beads to the Assembly of Microbial Consortia. <i>Advanced Biology</i> , 2018 , 2, 1700233	3.5	5
66	Determination of Formulation Conditions Allowing Double Emulsions Stabilized by PGPR and Sodium Caseinate to Be Used as Capsules. <i>Langmuir</i> , 2018 , 34, 2823-2833	4	20
65	First Macro-Mesocellular Silica SBA-15-Si(HIPE) Monoliths: Conditions for Obtaining Self-Standing Materials. <i>Chemistry of Materials</i> , 2018 , 30, 864-873	9.6	14
64	Synthesis of surfactant-free micro- and nanolatexes from Pickering emulsions stabilized by acetylated cellulose nanocrystals. <i>Polymer Chemistry</i> , 2017 , 8, 6064-6072	4.9	44
63	Organization of Microgels at the Air-Water Interface under Compression: Role of Electrostatics and Cross-Linking Density. <i>Langmuir</i> , 2017 , 33, 7968-7981	4	51
62	Bitumen Emulsion Destabilization Kinetics: Importance of the Crystallized Wax Content. <i>Langmuir</i> , 2017 , 33, 9740-9749	4	3
61	Thermomagnetically Responsive Fe ₂ O ₃ @Wax@SiO ₂ Sub-Micrometer Capsules. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700063	3.1	3
60	Development of dispersible and flowable powdered bitumen. <i>Journal of Cleaner Production</i> , 2017 , 141, 940-946	10.3	4
59	Integrative chemistry: Positioning chemical reactors within the geometric space as a tool for the design of advanced functional materials. <i>Comptes Rendus Chimie</i> , 2016 , 19, 216-230	2.7	2
58	Triggering the Mechanical Release of Mineralized Pickering Emulsion-Based Capsules. <i>Langmuir</i> , 2016 , 32, 3880-9	4	10
57	Water fluxes and encapsulation efficiency in double emulsions: impact of emulsification and osmotic pressure unbalance. <i>Soft Matter</i> , 2016 , 12, 3412-24	3.6	10
56	Bitumen emulsions formulation and destabilisation process relationship: influence of salts addition. <i>Road Materials and Pavement Design</i> , 2015 , 16, 330-348	2.6	12

55	Triple hierarchical micro/meso/macroporous carbonaceous foams bearing highly monodisperse macroporosity. <i>Carbon</i> , 2015 , 91, 311-320	10.4	29
54	Self-assembled polyoxometalates nanoparticles as pickering emulsion stabilizers. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 6326-37	3.4	19
53	Importance of thermal gradient in the bitumen bees genesis. <i>Journal of Materials Science</i> , 2015 , 50, 6586-6603	4.6	3
52	Impact of pNIPAM microgel size on its ability to stabilize Pickering emulsions. <i>Langmuir</i> , 2014 , 30, 1768-77	4.7	84
51	Colloidal particles as liquid dispersion stabilizer: Pickering emulsions and materials thereof. <i>Comptes Rendus Physique</i> , 2014 , 15, 761-774	1.4	54
50	Adsorption of microgels at an oil-water interface: correlation between packing and 2D elasticity. <i>Soft Matter</i> , 2014 , 10, 6963-74	3.6	97
49	Pickering emulsions: what are the main parameters determining the emulsion type and interfacial properties?. <i>Langmuir</i> , 2014 , 30, 9313-26	4	109
48	Scalability of transport parameters with pore sizes in isodense disordered media. <i>Europhysics Letters</i> , 2014 , 107, 64003	1.6	1
47	Porous materials with tunable mechanical properties. <i>Journal of Porous Materials</i> , 2014 , 21, 903-912	2.4	10
46	Impact of electrostatics on the adsorption of microgels at the interface of Pickering emulsions. <i>Langmuir</i> , 2014 , 30, 14745-56	4	39
45	Pickering emulsions stabilized by soft microgels: influence of the emulsification process on particle interfacial organization and emulsion properties. <i>Langmuir</i> , 2013 , 29, 12367-74	4	103
44	Surface compaction versus stretching in Pickering emulsions stabilised by microgels. <i>Current Opinion in Colloid and Interface Science</i> , 2013 , 18, 532-541	7.6	92
43	Slow dynamics and intermittent quakes in soft glassy systems. <i>Soft Matter</i> , 2013 , 9, 11129	3.6	10
42	Thermo-Responsive Multi-Cargo Core Shell Particles. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 62-66	3.1	13
41	Elastic behavior of multi-scale, open-cell foams. <i>Composites Part B: Engineering</i> , 2013 , 44, 172-183	10	35
40	Thermo-Stimulable Wax@Water@SiO ₂ Multicore-Shell Capsules. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 185-192	3.1	12
39	Origin and control of adhesion between emulsion drops stabilized by thermally sensitive soft colloidal particles. <i>Langmuir</i> , 2012 , 28, 3744-55	4	89
38	Pickering emulsion stabilized by catalytic polyoxometalate nanoparticles: a new effective medium for oxidation reactions. <i>Chemistry - A European Journal</i> , 2012 , 18, 14352-8	4.8	88

37	Formulation and mechanical properties of emulsion-based model polymer foams. <i>European Physical Journal E</i> , 2012 , 35, 9708	1.5	40
36	Tailored Silica Macrocellular Foams: Combining Limited Coalescence-Based Pickering Emulsion and Sol-Gel Process. <i>Advanced Functional Materials</i> , 2012 , 22, 2642-2654	15.6	79
35	Water-in-oil emulsions stabilized by water-dispersible poly(N-isopropylacrylamide) microgels: understanding anti-Finkle behavior. <i>Langmuir</i> , 2011 , 27, 14096-107	4	70
34	Soft microgels as Pickering emulsion stabilisers: role of particle deformability. <i>Soft Matter</i> , 2011 , 7, 7689-96	3.6	256
33	Shear-induced instabilities in oil-in-water emulsions comprising partially crystallized droplets. <i>Langmuir</i> , 2010 , 26, 16782-90	4	27
32	Thermostimulable wax@SiO ₂ core-shell particles. <i>Langmuir</i> , 2010 , 26, 1734-42	4	36
31	Outstanding Stability of Poorly-protected Pickering Emulsions 2010 , 13-18		2
30	Production of large quantities of Janus Nanoparticles using wax-in-water emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 332, 57-62	5.1	123
29	On the possible role of surface elasticity in emulsion stability. <i>Langmuir</i> , 2009 , 25, 5565-73	4	130
28	Thermally induced gelling of oil-in-water emulsions comprising partially crystallized droplets: the impact of interfacial crystals. <i>Langmuir</i> , 2008 , 24, 13364-75	4	42
27	Solid-stabilized emulsions. <i>Current Opinion in Colloid and Interface Science</i> , 2008 , 13, 217-227	7.6	244
26	Pickering emulsions with stimuable particles: from highly- to weakly-covered interfaces. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 6455-62	3.6	127
25	Gelling of oil-in-water emulsions comprising crystallized droplets. <i>Langmuir</i> , 2007 , 23, 4792-9	4	34
24	Structured emulsions. <i>Current Opinion in Colloid and Interface Science</i> , 2007 , 12, 206-212	7.6	92
23	Compressibility and Elasticity of Concentrated Emulsions 2007 , 126-142		
22	Soft matter, sol-gel process and external magnetic field to design macrocellular silica scaffolds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 263, 341-346	5.1	15
21	Interfacial properties in solid-stabilized emulsions. <i>European Physical Journal B</i> , 2005 , 44, 381-393	1.2	83
20	Particle-stabilized emulsions comprised of solid droplets. <i>Langmuir</i> , 2005 , 21, 4316-23	4	59

19	Measurement of the coalescence frequency in surfactant-stabilized concentrated emulsions. <i>Europhysics Letters</i> , 2004 , 67, 662-668	1.6	13
18	Thermoreversible gels as magneto-optical switches. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 3283-6	16.4	158
17	Materials based on solid-stabilized emulsions. <i>Journal of Colloid and Interface Science</i> , 2004 , 275, 659-649.3	9.3	219
16	Rheology of Emulsions Stabilized by Solid Interfaces. <i>Langmuir</i> , 2003 , 19, 598-604	4	49
15	Monodisperse fragmentation in emulsions: Mechanisms and kinetics. <i>Europhysics Letters</i> , 2003 , 61, 708-714	14	94
14	Understanding the Stability and Lifetime of Emulsions. <i>Journal of Dispersion Science and Technology</i> , 2002 , 23, 175-186	1.5	13
13	From shear thickening to shear-induced jamming. <i>Physical Review E</i> , 2002 , 66, 060401	2.4	71
12	A New Method To Prepare Monodisperse Pickering Emulsions. <i>Langmuir</i> , 2002 , 18, 2515-2518	4	78
11	Emulsion Science. <i>Springer Tracts in Modern Physics</i> , 2002 ,	0.1	36
10	Shear Rupturing of Complex Fluids: Application to the Preparation of Quasi-Monodisperse Water-in-Oil-in-Water Double Emulsions. <i>Langmuir</i> , 2001 , 17, 5184-5188	4	92
9	Rheological and Shearing Conditions for the Preparation of Monodisperse Emulsions. <i>Langmuir</i> , 2000 , 16, 422-429	4	111
8	Rheological Behavior of Fluorinated Highly Concentrated Reverse Emulsions with Temperature. <i>Journal of Colloid and Interface Science</i> , 1999 , 218, 522-528	9.3	35
7	Rheology and Small-Angle Neutron Scattering as Tools for Evaluating Emulsification. Application to Reverse Highly Concentrated Fluorinated Emulsions. <i>Langmuir</i> , 1998 , 14, 6030-6036	4	15
6	Shear-induced phase separation of complex fluids: The role of flow-concentration coupling. <i>Physical Review E</i> , 1995 , 52, 4009-4015	2.4	105
5	Structure of Salt-Free Wormlike Micelles: Signature by SANS at Rest and under Shear. <i>Europhysics Letters</i> , 1995 , 30, 31-36	1.6	64
4	S.A.N.S. Spectra and Elastic Plateau Modulus in a Charged Wormlike Micelles Solution: Effect of Salt. <i>Journal De Physique II</i> , 1995 , 5, 193-197		7
3	Rheological behaviour of worm-like micelles: Effect of electrostatic interactions. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994 , 16, 1401-1410		16
2	Flow Behavior and Shear Induced Transition near an Isotropic/Nematic Transition in Equilibrium Polymers. <i>Langmuir</i> , 1994 , 10, 955-961	4	140

- 1 Confinement of dilute solutions of living polymers. *Journal De Physique II*, **1993**, 3, 891-902