Viviane Lutz-Bueno

List of Publications by Year
in descending order

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28	878	623734	477307
papers	citations	14 h-index	29 g-index

31	31	31	1333
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transformerâ€Induced Metamorphosis of Polymeric Nanoparticle Shape at Room Temperature. Angewandte Chemie - International Edition, 2022, 61, e202113424.	13.8	24
2	Transformerâ€Induced Metamorphosis of Polymeric Nanoparticle Shape at Room Temperature. Angewandte Chemie, 2022, 134, .	2.0	7
3	Hierarchical Structure of Cellulose Nanofibril-Based Foams Explored by Multimodal X-ray Scattering. Biomacromolecules, 2022, 23, 676-686.	5.4	4
4	Potential of curcumin-loaded cubosomes for topical treatment of cervical cancer. Journal of Colloid and Interface Science, 2022, 620, 419-430.	9.4	26
5	Oat Plant Amyloids for Sustainable Functional Materials. Advanced Science, 2022, 9, e2104445.	11.2	26
6	Shape retaining self-healing metal-coordinated hydrogels. Nanoscale, 2021, 13, 4073-4084.	5.6	45
7	Surfactant Adsorption to Different Fluid Interfaces. Langmuir, 2021, 37, 6722-6727.	3.5	35
8	3D nanoscale analysis of bone healing around degrading Mg implants evaluated by X-ray scattering tensor tomography. Acta Biomaterialia, 2021, 134, 804-817.	8.3	14
9	Nanostructure and anisotropy of 3D printed lyotropic liquid crystals studied by scattering and birefringence imaging. Additive Manufacturing, 2021, 47, 102289.	3.0	5
10	In Situ Visualization of the Structural Evolution and Alignment of Lyotropic Liquid Crystals in Confined Flow. Small, 2021, 17, e2006229.	10.0	12
11	Higher Salt Hydrophobicity Lengthens Ionic Wormlike Micelles and Stabilizes Them upon Heating. Langmuir, 2021, 37, 132-138.	3.5	7
12	Modulating the Mechanical Performance of Macroscale Fibers through Shearâ€Induced Alignment and Assembly of Protein Nanofibrils. Small, 2020, 16, e1904190.	10.0	39
13	Selfâ€Winding Gelatinâ€“Amyloid Wires for Soft Actuators and Sensors. Advanced Materials, 2020, 32, e2004941.	21.0	29
14	Molecular interactions and the viscoelasticity of micellar aggregates. Physics of Fluids, 2019, 31, .	4.0	9
15	Scanning Xâ€ray microdiffraction of decellularized pericardium tissue at increasing glucose concentration. Journal of Biophotonics, 2019, 12, e201900106.	2.3	7
16	Assessing lesion malignancy by scanning small-angle x-ray scattering of breast tissue with microcalcifications. Physics in Medicine and Biology, 2019, 64, 155010.	3.0	4
17	X-ray scanning microscopies of microcalcifications in abdominal aortic and popliteal artery aneurysms. IUCrJ, 2019, 6, 267-276.	2.2	13
18	High-speed tensor tomography: iterative reconstruction tensor tomography (IRTT) algorithm. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, 223-238.	0.1	20

#	Article	IF	Citations
19	Bioinspired Structural Hierarchy within Macroscopic Volumes of Synthetic Composites. Advanced Healthcare Materials, 2018, 7, e1800466.	7.6	7
20	Model-free classification of X-ray scattering signals applied to image segmentation. Journal of Applied Crystallography, 2018, 51, 1378-1386.	4.5	11
21	Intermicellar Interactions and the Viscoelasticity of Surfactant Solutions: Complementary Use of SANS and SAXS. Langmuir, 2017, 33, 2617-2627.	3.5	21
22	In-situ shear-banding quantification of surfactant solutions in straight microfluidic channels. Journal of Rheology, 2017, 61, 769-783.	2.6	6
23	Ionic micelles and aromatic additives: a closer look at the molecular packing parameter. Physical Chemistry Chemical Physics, 2017, 19, 21869-21877.	2.8	29
24	Viscoelasticity Enhancement of Surfactant Solutions Depends on Molecular Conformation: Influence of Surfactant Headgroup Structure and Its Counterion. Langmuir, 2016, 32, 4239-4250.	3.5	36
25	Scanning-SAXS of microfluidic flows: nanostructural mapping of soft matter. Lab on A Chip, 2016, 16, 4028-4035.	6.0	42
26	Micellar solutions in contraction slit-flow: Alignment mapped by SANS. Journal of Non-Newtonian Fluid Mechanics, 2015, 215, 8-18.	2.4	27
27	Shear thickening, temporal shear oscillations, and degradation of dilute equimolar CTAB/NaSal wormlike solutions. Rheologica Acta, 2013, 52, 297-312.	2.4	14
28	H2SO4/HNO3/HClâ€”Functionalization and its effect on dispersion of carbon nanotubes in aqueous media. Applied Surface Science, 2008, 255, 2485-2489.	6.1	356