

Francesco Brasili

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3968292/publications.pdf>

Version: 2024-02-01

18
papers

234
citations

933264

10
h-index

996849

15
g-index

18
all docs

18
docs citations

18
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the Potentiality of a SERS-Active pH Nano-Biosensor. <i>Frontiers in Chemistry</i> , 2019, 7, 413.	1.8	51
2	Assembling patchy plasmonic nanoparticles with aggregation-dependent antibacterial activity. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 419-428.	5.0	24
3	Engineering microscale two-dimensional gold nanoparticle cluster arrays for advanced Raman sensing: An AFM study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 498, 168-175.	2.3	20
4	Phase Change Ultrasound Contrast Agents with a Photopolymerized Diacetylene Shell. <i>Langmuir</i> , 2019, 35, 10116-10127.	1.6	17
5	Long-term physical evolution of an elastomeric ultrasound contrast microbubble. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 185-196.	5.0	16
6	Complex interfaces in "phase-change" contrast agents. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8378-8388.	1.3	14
7	Ultrasound delivery of Surface Enhanced InfraRed Absorption active gold-nanoprobes into fibroblast cells: a biological study via Synchrotron-based InfraRed microanalysis at single cell level. <i>Scientific Reports</i> , 2019, 9, 11845.	1.6	14
8	DNA-functionalized gold nanoparticle assemblies for Surface Enhanced Raman Scattering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124399.	2.3	12
9	PLGA based particles as "drug reservoir" for antitumor drug delivery: characterization and cytotoxicity studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 495-502.	2.5	10
10	Unveiling the interaction of protein fibrils with gold nanoparticles by plasmon enhanced nano-spectroscopy. <i>Nanoscale</i> , 2021, 13, 14469-14479.	2.8	10
11	Monosialoganglioside-GM1 triggers binding of the amyloid-protein salmon calcitonin to a Langmuir membrane model mimicking the occurrence of lipid-rafts. <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 365-375.	0.7	9
12	Differential effects on membrane permeability and viability of human keratinocyte cells undergoing very low intensity megasonic fields. <i>Scientific Reports</i> , 2017, 7, 16536.	1.6	9
13	Effect of 1-MHz ultrasound on the proinflammatory interleukin-6 secretion in human keratinocytes. <i>Scientific Reports</i> , 2021, 11, 19033.	1.6	8
14	Improved hybrid-shelled perfluorocarbon microdroplets as ultrasound- and laser-activated phase-change platform. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128522.	2.3	6
15	In vitro analysis of the trajectories of adhesive microbubbles approaching endothelial cells. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 758-767.	5.0	5
16	Self-assembled nanoparticle aggregates: Organizing disorder for high performance surface-enhanced spectroscopy. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	4
17	Responsivity of Fractal Nanoparticle Assemblies to Multiple Stimuli: Structural Insights on the Modulation of the Optical Properties. <i>Nanomaterials</i> , 2022, 12, 1529.	1.9	4
18	Gold nanoparticle cluster arrays for advanced optical sensing: an AFM study. , 2015, , .		1